Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

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Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Transmittal of the Final Report for CBFO Audit A-15-21 of the LANL/CCP

Dear Mr. Kieling:

This letter transmits the Final Audit Report for Carlsbad Field Office (CBFO) Audit A 15-21 of the Los Alamos National Laboratory (LANL) Central Characterization Program (CCP) for processes performed to characterize and certify waste in accordance with the Waste Isolation Pilot Plant Hazardous Waste Facility Permit. The audit was conducted September 1-3, 2015.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Please contact Mr. Dennis S. Miehls, Senior Quality Assurance Specialist of the CBFO Office of Quality Assurance, at (575) 234-7491, should you have any questions concerning this audit report.

Sincerely,

Todd Shrader, Manager
Carlsbad Field Office

for Todd Shrader

Enclosure

151209

CBFO:OQA:MRB:BA:15-0978:UFC 2300.00

cc: w/enclosure

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B. Carlsen, RES	ED
A. Urquidez, RES	ED
Site Documents	ED
WWIS Database Admin	ED
RCRA Chronology Record	ED
WIPP Operating Record	
CBFO QA File	
CBFO M&RC	

*ED denotes electronic distribution

U.S. Department of Energy
Carlsbad Field Office

CONTENT MAP

Final Audit Report of Audit A-15-21 of the Los Alamos National Laboratory/ Central Characterization Project

Audit Number A-15-21
September 1 –3, 2015

CONTENT MAP

This box contains the Final Audit Report of CBFO Audit A-15-21 of the Los Alamos National Laboratory Central Characterization Project (LANL/CCP) conducted September 1 – 3, 2015. The box also contains a list of objective evidence used to conduct the audit. The documents have been organized into color-coded folders, one each for the LANL/CCP Implementing Procedures (purple folder), Final Audit Report (manila folder), the C-6 Checklists (brown folder), General Information (green folder), Acceptable Knowledge (blue folder), Real-Time Radiography (red folder), and Visual Examination (yellow folder). The list below identifies each document by name and number and indicates where each may be found.

CONTENT MAP	**Black Folder**

Final Audit Report	**Manila Folder**

Final Audit Report
- Attachment 1: Personnel Contacted During the Audit
- Attachment 2: Personnel Contacted During the Audit by Area
- Attachment 3: Objective Evidence Reviewed During the Audit
- Attachment 4: Table of Audited Documents
- Attachment 5: List of Processes and Equipment Reviewed
- Attachment 6: Procedure Revision Matrix

C6 Checklist – March 2015	**Brown Folder**
C6-1	Waste Analysis Plan (WAP) Checklist
C6-2	Acceptable Knowledge (AK) Checklist
C6-3	Radiography (RTR) Checklist
C6-4	Visual Examination (VE) Checklist

LANL/CCP Implementing Procedures Audited	**Purple Folder**
See Final Report Attachment 4 for List of Audited LANL/CCP Procedures	
Attachment 5 - Objective Evidence	
General Information (Checklist C6-1) Waste Analysis Plan (WAP)	**Green Folder**
GEN1	Batch Data Reports - LA-HERTR-14-0056, LA-RTR2-14-0043, and LA-RTR2-15-0001
GEN2	Batch Data Reports - LA-14-OSR-VE-011, LA-15-OSR-VE-001, LAVE550142, and LAVE550164
GEN3	CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site

	Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001.
GEN4	Transmittals of Los Alamos National Laboratory Characterization Information Summaries
GEN5	Quarterly Repeats
GEN6	Nonconformance Reports
GEN7	CCP – LANL List of Qualified Individuals dated 08/26/2015
GEN8	Qualification records for selected CCP personnel
GEN9	CH Records Inventory Distribution Schedule (RIDS) dated July 30, 2015
GEN10	Disposal of Records Letter, CP:15:01172
Acceptable Knowledge (Checklist C6-2)	**Blue Folder**
AK1	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13
AK2	CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6
AK3	CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9
AK4	QMIS Approval Screenshots for AK Summaries for waste streams LA-MHD01.001, LA-MSG04.001, and LA-OS-00-01.001
AK5	Waste Stream Profile Form for waste stream LA-MHD01.001
AK6	Waste Stream Profile Form for waste stream LA-MSG04.001
AK7	Waste Stream Profile Form for waste stream LA-OS-00-01.001
AK8	AK Source Document Summaries for waste stream LA-MHD01.001
AK9	AK Source Document Summaries for waste stream LA-MSG04.001
AK10	AK Source Document Summaries for waste stream LA-OS-00-01.001
AK11	AK Documentation Checklist, Attachment 1, for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001
AK12	AK Information Checklist for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001
AK13	AK Att. 5, Hazardous Constituents for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001
AK14	AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001
AK15	AK Attachment 8 container list for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001
AK16	NCRs for prohibited items
AK17	AK Discrepancy Resolutions in the AK Record
AK18	AK Discrepancy Resolutions at Characterization and AK Reevaluations
AK19	IDC screenshot for container “hold”
AK20	AK Tracking Spreadsheet for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001
AK21	Container input forms
AK22	“Hold” tag
AK23	Internal Audits and Surveillances
AK24	AK Accuracy Reports
AK25	Batch Data Report - LAVE550140

AK26	Batch Data Report - LA15-OSR-VE-003
AK27	Batch Data Report - LA-HERTR-14-0056
AK28	Batch Data Report - LA-HERTR-14-0039
AK29	Batch Data Report - LA-RTR2-14-0038
AK30	Waste Stream Characterization Checklists
AK31	Container Inspection Report
Real-Time Radiography (Checklist C6-3)	**Red Folder**
RTR1	Batch Data Reports - LA-HERTR-14-0056, LA-RTR2-14-0043, and LA-RTR2-15-0001
RTR2	Qualification records for 4 RTR operators
Visual Examination (Checklist C6-4)	**Yellow Folder**
VE1	Batch Data Reports - LAVE550140, LAVE550149, LAVE550185, LAVE550220, LAVE030008, LA14-OSR-VE-007, LA14-OSR-VE-011, LA14-OSR-VE-102, LA14-OSR-VE-014, LA15-OSR-VE-001, and LA15-OSR-VE-005
VE2	Training files for 8 VE operators
VE3	Appointment letters for 2 VEE operators

U.S. DEPARTMENT OF ENERGY
CARLSBAD FIELD OFFICE

FINAL AUDIT REPORT

OF THE

LOS ALAMOS NATIONAL LABORATORY
CENTRAL CHARACTERIZATION PROGRAM

LOS ALAMOS, NEW MEXICO

AUDIT NUMBER A-15-21

September 1 – 3, 2015

TRU WASTE CHARACTERIZATION AND CERTIFICATION

Prepared by: _____ **Date:** 12/2/15
Berry D. Pace, CTAC
Audit Team Leader

Approved by: _____ **Date:** 12/02/2015
Michael R. Brown, Director
CBFO Office of Quality Assurance

1.0 EXECUTIVE SUMMARY

Carlsbad Field Office (CBFO) Recertification Audit A-15-21 was conducted to evaluate the continued adequacy and effectiveness of established programs for transuranic (TRU) waste characterization activities performed for the Los Alamos National Laboratory (LANL) by the Nuclear Waste Partnership LLC (NWP) Central Characterization Program (CCP). The audit team evaluated the programs, procedures, and processes for characterizing contact-handled (CH) Summary Category Group (SCG) S4000 soils/gravel and SCG S5000 debris wastes. The audit scope did not include SCG S3000 or any other wastes processed through the Waste Characterization, Reduction, and Repackaging Facility (WCRRF) since TRU waste characterization activities at the WCRRF were suspended (Reference: Memorandum CBFO:NTP:JRS:MAG:14-1947, dated July 16, 2014). Upon completion of the investigation and the implementation of required corrective actions, the CBFO will conduct an audit to re-evaluate SCG S3000 waste characterization activities in the WCRRF at LANL. A final audit report will then be submitted to the New Mexico Environment Department (NMED) for approval for the purposes of lifting the suspension of waste characterization activities for SCG S3000 wastes. This audit was conducted relative to the requirements of the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit (HWFP) and the *CBFO Quality Assurance Program Document* (QAPD).

Audit activities were conducted at LANL facilities in Los Alamos, New Mexico, and at the Skeen-Whitlock Building in Carlsbad, New Mexico, September 1 – 3, 2015. No HWFP Waste Analysis Plan (WAP)-related deficiencies were identified as a result of this audit. Overall, the audit team concluded that the LANL/CCP technical and quality assurance (QA) programs associated with characterization and certification of CH SCG S4000 soils/gravel and SCG S5000 debris wastes were adequately established for compliance with applicable upper-tier requirements, effectively implemented, and successful in achieving the desired results.

2.0 SCOPE AND PURPOSE

2.1 Scope

The following general areas were audited, as required by Attachment C, Section C6-3 of the WAP:

- Results of previous audits
- Changes in programs or operations
- New programs or activities being implemented
- Changes in key personnel

The following WAP-related QA elements were audited:

- Personnel Qualification and Training
- Nonconformances
- Records

The following WAP-related waste characterization technical elements were audited for CH SCG S4000 soils/gravel and SCG S5000 debris wastes:

- Acceptable Knowledge (AK)
- Real-time Radiography (RTR)
- Visual Examination (VE), including the Off-site Source Recovery Program (OSRP)
- Generation and Project-Level Data Validation and Verification (V&V)
- WIPP Waste Information System (WWIS)/Waste Data System (WDS)
- Waste Certification (e.g., Waste Stream Profile Form)

Evaluation of adequacy of LANL/CCP documents was based on the current revisions of the following documents:

- *CBFO Quality Assurance Program Document,* DOE/CBFO-94-1012
- Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM4890139088-TSDF

Programmatic and technical checklists were developed from the current revisions of the following documents:

- *CCP Transuranic Waste Characterization Quality Assurance Project Plan,* CCP-PO-001
- Related LANL/CCP technical and QA implementing procedures

2.2 Purpose

Audit A-15-21 was conducted to evaluate the degree of sustained adequacy and effective implementation of program requirements for the characterization and certification of CH SCG S4000 soils/gravel and SCG S5000 debris waste for compliance to WAP requirements. The audit team also evaluated specific QA elements relating to WAP requirements.

3.0 AUDIT TEAM AND OBSERVERS

AUDITORS/TECHNICAL SPECIALISTS

Dennis S. Miehls	Management Representative, CBFO Office of Quality Assurance
Martin P. Navarrete	QA Representative, CBFO
Berry Pace	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Katie Martin	Auditor, CTAC (RTR)
Priscilla Martinez	Auditor, CTAC (C6 QA)
Jim Schuetz	Auditor, CTAC (C6 QA)
Tammy Ackman	Auditor, CTAC (VE/OSRP)
Judith Stewart	Auditor, CTAC (AK)

Wayne Ledford	Auditor, CTAC (Program Status)
Porf Martinez	Technical Specialist, CTAC (RTR/Container Management)
Dick Blauvelt	Technical Specialist, CTAC (AK)
Rhett Bradford	Technical Specialist, CTAC (VE/OSRP)
Paul Gomez	Technical Specialist, CTAC (PL V&V)

OBSERVERS

J.R. Stroble	CBFO TRU Sites and Transportation Division
Dale Bignell	CTAC
Ricardo Maestas	New Mexico Environment Department (NMED)
Steve Holmes	NMED
Coleman Smith	NMED
Ines Triay	Contractor to NMED
Lindsey Bender	U.S. Environmental Protection Agency/Radiation Protection Division (EPA/RPD)

4.0 AUDIT PARTICIPANTS

The LANL/CCP individuals involved in the audit process are identified in Attachment 1. A pre-audit meeting was held September 1, 2015, in Los Alamos, New Mexico, and in Carlsbad, New Mexico. Daily management briefings were held with LANL/CCP management and staff to discuss audit progress and concerns identified. A post-audit meeting was held September 3, 2015, in Los Alamos, New Mexico, and in Carlsbad, New Mexico.

5.0 SUMMARY OF AUDIT RESULTS

5.1 Program Adequacy, Implementation, and Effectiveness

The audit team concluded that the LANL/CCP TRU waste characterization and certification programs evaluated are adequately established for compliance with upper-tier requirements, effectively implemented, and satisfactory in achieving the desired results. The specific program elements and areas evaluated are described below. Attachment 1 lists the personnel contacted during the audit. Attachment 2 lists the personnel contacted during the audit by subject area. Attachment 3 addresses the objective evidence reviewed during the audit (provided in boxes). Attachment 4 is the table of audited documents. Attachment 5 lists the processes and equipment evaluated during the audit. Attachment 6 is the procedure revision matrix.

5.2 General Activities

5.2.1 Results of Previous Audits

The audit team determined that the actions to address the concerns identified during the previous annual CBFO Audit A-14-19 were effective in precluding recurrence. No similar instances were observed during this audit.

5.2.2 Changes in Programs or Operations

The audit team determined through interviews with the LANL/CCP Project Manager that no significant changes in LANL programs or operations have occurred since the previous recertification audit, with the exception of the demobilization of RTR Unit #2.

5.2.3 New Programs or Activities Being Implemented

No new programs or activities have been implemented at LANL since CBFO Audit A-14-19.

5.2.4 Changes in Key Personnel

No significant changes were made in key personnel at LANL since CBFO Audit A-14-19.

5.3 WAP-related Quality Assurance Activities

The audit team evaluated the QA program elements for personnel qualification and training, nonconformance reporting, and QA records for compliance with applicable upper-tier requirements and the effectiveness of implementation. The evaluation results for each area audited are described below.

The following sections describe the methods used to select objective evidence, briefly cite the objective evidence used to assess compliance with the HWFP WAP and CBFO QAPD, and provide the results of the assessment.

The following WAP-related QA elements were evaluated by the audit team.

5.3.1 Personnel Qualification and Training

The audit team conducted interviews with responsible personnel and reviewed implementing procedure CCP-QP-002, Rev. 39, *CCP Training and Qualification Plan,* regarding the degree to which it addresses upper-tier requirements. The team determined that the procedure adequately addresses upper-tier requirements. Personnel training records associated with VE (including OSRP) Operator/Independent Technical Reviewer (ITR), AK Expert (AKE), Site Project Manager (SPM), Vendor Project Manager (VPM), and RTR Operator/ITR, were examined to verify adherence to and implementation of associated requirements and to verify that personnel were appropriately trained/qualified. Record reviews included qualification cards and other pertinent qualification documentation, including attendance sheets/briefings on newly revised AK summaries for RTR and VE operators, capability demonstration tests and training container documentation, and eye exams, etc.

No WAP-related deficiencies regarding personnel qualification and training were identified during the audit. The procedure reviewed and objective evidence assembled

and evaluated by the audit team provided evidence that the applicable requirements for personnel qualification and training are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

5.3.2 Nonconformances

The audit team reviewed implementing procedure CCP-QP-005, Rev. 25, *CCP TRU Nonconforming Item Reporting and Control,* regarding the degree to which the procedure addresses upper-tier requirements. Results of the review indicate that the procedure adequately addresses upper-tier requirements.

The audit team interviewed the CCP/Carlsbad Project Office Quality Assurance Engineer and randomly selected the following nonconformance reports (NCRs) for review:

NCR-LANL-0023-15, Revs. 0 through 3
NCR-LANL-0025-15
NCR-LANL-0029-15, Revs. 0 and 1
NCR-LANL-0034-15
NCR-LANL-0539-14
NCR-LANL-0540-14, Revs. 0 and 1
NCR-LANL-0611-14, Revs. 0 and 1
NCR-LANL-0612-14

The team concluded that deficiencies are appropriately documented and tracked through resolution as required. One of the NCRs selected (NCR-LANL-0025-15) documented a non-administrative deficiency first identified at the SPM level. This NCR was verified as having been reported to the Permittee within seven days, as required by the Permit. All the NCRs examined were verified to have been entered, managed, and tracked in the CCP Integrated Data Center/Nonconformance Report Log, and through the required reconciliation reporting mechanism.

No WAP-related deficiencies regarding nonconformances were identified during the audit. The procedure reviewed and objective evidence assembled and evaluated during the audit provided evidence that the applicable requirements for nonconformances are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

5.3.3 Records

The audit team conducted interviews and reviewed implementing procedures relative to the control and administration of QA records to determine the degree to which the procedures adequately address upper-tier requirements. The audit team reviewed procedures CCP-QP-008, Rev. 24, *CCP Records Management*, and CCP-QP-028,

Rev. 16, *CCP Records Filing, Inventorying, Scheduling, and Dispositioning.* Results of the review indicate that the procedures adequately address upper-tier requirements. Control of QA records was verified through review of the CH Records Inventory and Disposition Schedule (RIDS) dated July 30, 2015. A request for concurrence to dispose of records was reviewed per letter CP:15:01172, dated August 31, 2015. The records series were CCP Needle Blank Documentation, designated as Non-Permanent Records, retained for ten years from the date of record generation, then dispositioned per the approved RIDS.

No WAP-related deficiencies regarding records were identified during the audit. The procedures reviewed and objective evidence assembled and evaluated during the audit provided evidence that the applicable requirements for records are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

5.4 Technical Activities

Each technical area audited is discussed in detail in the following sections. The methods used to select objective evidence are discussed, the objective evidence used to assess compliance with the HWFP WAP is cited briefly, and the results of the assessment are provided.

5.4.1 Table C6-1, WAP Checklist

The audit was performed to assess LANL/CCP's ability to manage and perform TRU waste characterization and certification activities for CH SCG S4000 soils/gravel and SCG S5000 debris wastes. The Table C6-1 WAP checklist addresses general program requirements from an overall management perspective. The general requirements checklist addresses both technical requirements and specific WAP-related QA programmatic requirements that, when collectively implemented, ensure effective overall management of TRU waste characterization and certification activities. Requirements are integrated into controlled documents to ensure the waste characterization strategy as defined in the WAP is accomplished and documented in accordance with controlled processes and procedures.

Technical activities evaluated for characterization and certification activities consisted of data-generation and project-level data validation and verification (PL V&V), AK, RTR, VE, and preparation of Waste Stream Profile Forms (WSPFs) for CH SCG S4000 soils/gravel and SCG S5000 debris wastes. Objective evidence was selected and reviewed to evaluate the implementation of the associated characterization activities. Batch data reports (BDRs) and personnel qualification and training documentation were included in the evaluation. Where possible, the audit included direct observation of actual waste characterization activities. Each characterization process involves:

- Collecting raw data

- Collecting quality assurance/quality control samples or information
- Reducing the data to a useable format, including a standard report
- Review of the report by the data generation facility and the site project office
- Comparing the data against program data quality objectives (DQOs)
- Reporting the final waste characterization information to the WIPP

The flow of data from the point of generation to inclusion in the WSPF for each characterization technique was reviewed to ensure that all applicable requirements were captured in the site operating procedures. Specific procedures audited and the objective evidence reviewed is described in the following sections.

During the audit, LANL/CCP demonstrated compliance with the waste characterization requirements of the WAP through documentation and by performing characterization activities.

Project-Level Data Validation and Verification (PL V&V)

The audit team reviewed the following CCP procedures to determine the degree to which they adequately address PL V&V upper-tier requirements:

- CCP-PO-001, Rev. 21, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-TP-001, Rev. 21, *CCP Project Level Data Validation and Verification*
- CCP-TP-002, Rev. 26, *CCP Reconciliation of DQOs and Reporting Characterization Data*
- CCP-TP-005, Rev. 26, *CCP Acceptable Knowledge Documentation*

Results of the review indicate that the procedures adequately address upper-tier requirements.

Data from a random selection of containers of SCG S5000 waste from waste streams LA-OS-00-01.001, LA-MSG04.001, and LA-MHD01.001 was reviewed, along with the quarterly repeat of data-generation level reviews. All quarterly reports were provided to CCP Records, as demonstrated in the 2nd quarter 2014 through the 2nd quarter 2015 requests. The only exception being the 4th quarter 2014 and 1st quarter 2015 since no RTR operations were performed. WSPFs for the associated waste streams were determined to be compliant with project-level requirements and supported by the associated characterization information summary (CIS). The following WSPFs and CISs were reviewed:

- WSPF LA-OS-00-01.001 with CIS Lot 85
- WSPF LA-MSG04.001 with CIS Lot 3
- WSPF LA-MHD01.001 with CIS Lots 446 through 451

The following BDRs were examined to verify compliance with the PL V&V requirements presented in CCP-TP-001:

RTR

LA-HERTR-14-0056	LA-RTR2-14-0043	LA-RTR2-15-0001	

VE

LA14-OSR-VE-011	LA15-OSR-VE-001	LAVE550142	LAVE550164

Nondestructive Assay (NDA)

1LANDA1943	2LANDA1288	3LANDA0279	5LANDA0002
LA14-OSR-CH-011	LA15-OSR-CH-001		

Training records for SPMs identified in the selected WSPFs and BDRs were reviewed to verify required qualifications and training.

WIPP Waste Information System (WWIS)/Waste Data System (WDS)

The audit team reviewed CCP procedure CCP-TP-030, Rev. 34, *CCP CH TRU Waste Certification and WWIS/WDS Data Entry*, to determine the degree to which it adequately addresses upper-tier requirements. Results of the review indicate that the procedure adequately addresses upper-tier requirements.

The audit team interviewed responsible personnel, examined related data, and observed entry of information into the WWIS/WDS by a Waste Certification Assistant (WCA) and Waste Certification Official (WCO). WCOs and WCAs were determined to be qualified to perform these activities for LANL waste. Record reviews included container information summaries, pages from selected BDRs reflecting analyses values, WWIS/WDS Container Data Reports, and submittals for WWIS review and approval. The audit team discussed the status of waste certification operations at the CCP host site location with the Waste Certification Manager and confirmed that waste certification activities for all wastes processed through the WCRRF are suspended. No data entry packages documenting WWIS/WDS data entry and waste container certification activities for CH waste have been generated within the last 12 months. During interviews with the Waste Certification Manager and WCO personnel, the audit team determined that there are no unique or different aspects of the WWIS/WDS data entry and waste certification processes for LANL waste when compared to the process implemented for waste certification at other CCP host site locations.

The audit team determined that there are no new WSPFs in process for approval for CH waste streams at the LANL host site location. The team found no recent evidence of assembling LANL containers into shipment packages. There has been no recent identification of CH waste lots. Waste characterization activities associated with SCG S4000 soils/gravel and SCG S5000 debris waste continues at the LANL host site location; however, all CCP WDS data entry and certification activities are currently suspended. Once waste certification activities resume, evidence indicates that WCOs

will continue to implement procedure steps that include WWIS/WDS data entry and certification features using the Integrated Data Center (IDC) electronic data management system.

The procedure reviewed and objective evidence assembled and evaluated during the audit provided evidence that the applicable requirements for data entry using the WWIS/WDS are adequately established for compliance with upper-tier requirements, effectively implemented, and satisfactory in achieving the desired results. No concerns were identified.

No WAP-related deficiencies regarding Table C6-1 requirements were identified during the audit. The procedure reviewed and objective evidence assembled and evaluated provided evidence that Table C6-1 requirements are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

5.4.2 Table C6-2, Acceptable Knowledge Checklist

The audit team reviewed the following CCP documents/procedures as they relate to AK to determine the degree to which they adequately address applicable upper-tier requirements:

- CCP-PO-001, Rev. 21, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-QP-005, Rev. 25, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-021, Rev. 10, *CCP Surveillance Program*
- CCP-TP-001, Rev. 21, *CCP Project Level Data Validation and Verification*
- CCP-TP-002, Rev. 26, *CCP Reconciliation of DQOs and Reporting Characterization Data*
- CCP-TP-005, Rev. 26 and 27* *CCP Acceptable Knowledge Documentation*
- CCP-TP-101, Rev. 7, *CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization*
- CCP-TP-120, Rev. 16, *CCP Container Management*
- WP 13-QA.03, Rev. 24, *Quality Assurance Independent Assessment Program*

* CCP-TP-005, Rev. 27 became effective August 26, 2015. AK related data evaluated during this audit was produced in accordance with revision 26.

Results of the review indicate that the procedures adequately address upper-tier requirements.

The audit team examined the AK record for SCG S5000 debris stream LA-MHD01.001 from the TA-55 operations described in AK Summary Report CCP-AK-LANL-006,

Rev.13, and the SCG S4000 soils stream LA-MSG04.001 from the area associated with activities in TA-21 described in AK Summary Report CCP-AK-LANL-010, Rev. 6. In addition, the team examined the AK record for the SCG S5000 OSRP sealed source waste stream LA-OS-00-01.001 described in AK Summary Report CCP-AK-LANL-008, Rev. 9.

The AK portion of this recertification audit was based on the requirements contained in the WIPP HWFP WAP. The audit team examined AK documentation to verify compliance with applicable AK requirements by completing WAP Tables C6-1 and C6-2 checklists, and applicable WAC checklists.

In addition to the AK summary reports for the three waste streams referenced above, the audit team examined approved WSPFs and attachments, including change notices. The following AK attachments in CCP-TP-005 were reviewed for each stream: the AK Documentation Checklist, Attachment 1; the AK Information List, Attachment 4; the Hazardous Constituents List, Attachment 5; the Waste Form, Waste Material Parameters, Prohibited Items, and Packaging, Attachment 6, along with attached memoranda providing the justification for waste material parameter weight estimates; and the Waste Containers List, Attachment 8, with memoranda supporting the addition of containers to the waste streams as applicable. The auditors also examined numerous AK source documents and source document summaries for the three streams for verification of support of the information in the AK summary reports.

The audit team reviewed NCRs addressing prohibited items identified during RTR of waste drums, relating to prohibited liquids, sealed containers greater than 4 liters, pressurized containers, and the presence of impenetrable objects in the waste. The audit team reviewed examples of discrepancies in the AK record and also examined discrepancies between the AK record and characterization activities and resultant AK re-evaluations, with several examples of movement of waste containers between SCGs S4000 and S5000 as a result of RTR examination.

The WAP-required traceability exercise was conducted for five containers from the three waste streams. In addition to specific VE, RTR, and NDA BDRs for the drums selected, the audit team also examined container input forms, including current and historical database records as available, and IDC screenshots. With regard to the traceability of an OSRP waste container and its sealed sources, the BDRs examined are based solely upon AK, such as manufacturer's drawings and fabrication dates, U.S. Department of Transportation Special Form documentation, and information from the Nuclear Regulatory Commission Registry of Radioactive Sealed Sources and Device Registry.

AK accuracy reports were also reviewed as applicable. All elements of the Tables C6-1 and C6-2 checklists were reviewed during the audit to assure that sufficient and relevant objective evidence had been compiled to demonstrate compliance. In keeping with previous audit recommendations, there was discussion regarding use of absorbents with the waste streams examined and a confirmation that the appropriate material safety data sheets were included in the AK records.

The audit team reviewed various QA program elements imposed on LANL/CCP AK processes, including assembly and maintenance of AK documentation in accordance with controlled implementing procedures and verification that the records generated in development of AK documentation are identified in the records section of each procedure and located in Records if required. The audit team also verified that record copies of the BDRs selected for verification of the traceability exercise were legible, accurate, complete, and properly numbered and that corrections to the selected BDRs and associated forms were accomplished in accordance with procedures.

The audit team examined training records for seven AK experts, one characterization subject matter expert, and four SPMs, and determined that all training and qualification requirements were adequate and current. The audit team also reviewed BDRs, discrepancy reports, and NCRs, and verified that nonconforming data and discrepancies between AK documentation and characterization results are appropriately identified, reported, and documented on NCRs. The NCRs indicate the affected waste containers associated with the discrepant conditions are tagged and controlled until resolution of the deficient conditions is completed.

The audit team examined the most recent QA audit report relevant to AK: NWP QA Audit I15-01 – CCP QA Program report dated January 15, 2015, and performed October 20 – 23 and November 24 – December 8, 2014, which included activities at LANL/CCP.

No WAP-related deficiencies regarding Table C6-2 requirements were identified during the audit. The procedures reviewed and objective evidence assembled and evaluated during the audit provided evidence that Table C6-2 requirements are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

5.4.3 Table C6-3, Radiography Checklist

The audit team evaluated the adequacy, implementation, and effectiveness of LANL/CCP activities for characterization and certification of CH SCG S4000 soils/gravel and SCG S5000 debris wastes using the RTR characterization process. The audit team reviewed the following implementing procedures to determine the degree to which they adequately address upper-tier requirements.

- CCP-QP-002, Rev. 39, *CCP Training and Qualification Plan*
- CCP-TP-028, Rev. 9, *CCP Radiographic Test Drum and Training Container Construction*
- CCP-TP-053, Rev. 15, *CCP Standard Real-Time Radiography (RTR) Inspection Procedure*
- CCP-TP-122, Rev. 5, *CCP RTR #2 Operating Procedure*
- CCP-TP-198, Rev. 8, *CCP HE-RTR Operating Procedure*

Results of the review indicate that the procedures adequately address upper-tier requirements.

The audit team examined personnel training and qualification documentation, including RTR Operator/ITR qualification cards and test drum and training container documentation. The audit team also verified RTR operators received waste-stream-specific AK summary briefings. The audit team evaluated RTR operator-required test and training drum audio/video media for four RTR operators and determined that all four were properly trained and qualified to perform their assigned tasks.

The audit team evaluated RTR operations on the High-Energy (HE) RTR system in TA-54, building 54-578, which consisted of observing an RTR operator perform a scan on test container number NDE-TEST-29 for demonstration purposes only. LANL/CCP was not characterizing any waste during the audit. The audit team verified the use of current RTR operating procedures and verified AK summaries were available for reference. The HE-RTR unit contains the required hardware to effectively characterize CH SCG S4000 soils/gravel and S5000 debris wastes. The audit team interviewed RTR operators and examined RTR operational logbooks LANL-NDE-RTR2-012 and LANL-NDE-HERTR2-005 for verification that logbook entries were correctly logged and reviewed weekly by the VPM, as required. The results of the interviews and review of the operational logbooks indicate that RTR operations are being performed in compliance with established operating procedures.

LANL/CCP started demobilizing RTR unit 2 on August 17, 2015. Since then, no waste characterization activities have been performed using this unit.

The audit team examined the following CH RTR BDRs:

HE RTR
LA-HERTR-14-0056

RTR-2
LA-RTR2-14-0043 LA-RTR2-15-0001

Audio/video media of selected containers were reviewed to verify the accuracy of data recorded on RTR data sheets.

No WAP-related deficiencies regarding Table C6-3 requirements were identified during the audit. The procedures reviewed and objective evidence assembled and evaluated during the audit provided evidence that Table C6-3 requirements are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

5.4.4 Table C6-4, Visual Examination Checklist

The audit team evaluated the adequacy, implementation, and effectiveness of LANL/CCP activities to characterize and certify CH SCG S5000 debris waste using the VE characterization process, including support of the OSRP. The audit team reviewed the following CCP VE procedures to determine the degree to which they adequately address upper-tier requirements:

- CCP-QP-002, Rev. 39, *CCP Training and Qualification Plan*
- CCP-TP-069, Rev. 6, *CCP Sealed Source Visual Examination and Packaging*
- CCP-TP-113, Rev. 19, *CCP Standard Contact-Handled Waste Visual Examination*

Results of the review indicate that the procedures adequately address upper-tier requirements.

The audit team conducted interviews with responsible personnel and examined records documenting VE of debris waste, including the OSRP activities. The audit team examined training records for three VE operators/ITRs and confirmed the appointment of one LANL/CCP VE expert (VEE), three OSRP VE operators/ITRs, and one OSRP VEE. The audit team verified that these personnel were appropriately trained and qualified as required.

During the audit, the team toured TA-55 and observed the VE of drum #70699. The team also toured the Chemical Metallurgy Research facility; however, VE activities were not being performed on the date of the tour. LANL/CCP uses the two-operator method (Method 2) when performing VE characterization.

The audit team verified torque wrenches and container scales were calibrated. Logbooks were reviewed and verified to be in compliance with CCP-PO-005, Rev. 26, *CCP Conduct of Operations*.

The audit team examined the following VE BDRs:

LAVE550140	LAVE030008	LA14-OSR-VE-014
LAVE550149	LA14-OSR-VE-007	LA15-OSR-VE-001
LAVE550185	LA14-OSR-VE-011	LA15-OSR-VE-005
LAVE550220	LA14-OSR-VE-012	

No WAP-related deficiencies regarding Table C6-4 requirements were identified during the audit. The procedures reviewed and objective evidence assembled and evaluated during the audit provided evidence that Table C6-4 requirements are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

6.0 CORRECTIVE ACTIONS

6.1 Corrective Action Reports

During the audit, the audit team may identify conditions adverse to quality (CAQs), as described below, and document such conditions on corrective action reports (CARs).

> Condition Adverse to Quality (CAQ) – An all-inclusive term used in reference to any of the following: failures, malfunctions, deficiencies, defective items, nonconformances, and technical inadequacies.
>
> Significant Condition Adverse to Quality – A condition which, if uncorrected, could have a serious effect on safety, operability, waste confinement, TRU waste site certification, regulatory compliance demonstration, or the effective implementation of the QA program.

No WAP-related deficiencies necessitating the initiation of a CAR were identified during the audit.

6.2 Deficiencies Corrected During the Audit

During the audit, the audit team may identify CAQs. The audit team members and the Audit Team Leader (ATL) evaluate the CAQs to determine if they are significant. Once a determination is made that the CAQ is not significant, the audit team member, in conjunction with the ATL, determines if the CAQ is an isolated case requiring only remedial action and therefore can be corrected during the audit (CDA). Deficiencies that can be classified as CDA are those isolated deficiencies that do not require a root cause determination or actions to preclude recurrence, and those for which correction of the deficiency can be verified prior to the end of the audit. Examples include one or two minor changes required to correct a procedure (isolated), one or two forms not signed or not dated (isolated), or one or two individuals have not completed a reading assignment.

Upon determination that the CAQ is isolated, the audit team member, in conjunction with the ATL, evaluates/verifies any objective evidence/actions submitted or taken by the audited organization and determines if the condition was corrected in an acceptable manner. Once it has been determined that the CAQ has been corrected, the ATL categorizes the condition as CDA.

No WAP-related deficiencies requiring remedial action only were identified and corrected during the audit.

6.3 Observations

During the audit, the audit team may identify potential problems that should be communicated to the audited organization. The audit team members, in conjunction

with the ATL, evaluate these conditions and classify them as Observations using the following definition:

Observation – A condition that, if not controlled, could result in a CAQ.

Once a determination is made, the audit team member, in conjunction with the ATL, categorizes the condition appropriately.

No WAP-related observations were identified during the audit.

7.0 LIST OF ATTACHMENTS

Attachment 1: Personnel Contacted During the Audit
Attachment 2: Personnel Contacted During the Audit by Subject Area
Attachment 3: Objective Evidence Reviewed During the Audit (provided in boxes)
Attachment 4: Table of Audited Documents
Attachment 5: List of Processes and Equipment Evaluated
Attachment 6: Procedure Revision Matrix

PERSONNEL CONTACTED DURING AUDIT A-15-21				
NAME	**TITLE/ORG**	**PRE-AUDIT MEETING**	**CONTACTED DURING AUDIT**	**POST-AUDIT MEETING**
Allen, B.	NWP QA/NWP			X
Archuleta, L.	TRU Waste Tech/NPI-7		X	
Armijo, C.	Training Records Analyst/CCP/TFE		X	
Auckland, S.	Acceptable Knowledge Expert/LANL-Carlsbad	X	X	
Baca, R.	CCP Records Analyst/NWP/CCP	X		X
Bender, L.	Observer/U.S. EPA	X	X	
Bignell, D.	Observer/DOE/CBFO/CTAC	X		X
Billett, M.	Training Coordinator/CCP/TFE		X	
Brachter, S.	NWP Tech./NWP			X
Cannon, V.	QA Director/NWP			X
Chavarria, A.	QA Engineer/NWP	X		
Elliot, A.	RTR Operator/CCP/VJT	X	X	X
Feldman, A.	OSRP/SME/NEN-3/LANL		X	
Fisher, A.J.	CCP Support Services Mgr/NWP/CCP	X	X	X
Frederici, D.	Waste Disposition Division Group Leader/LANS		X	
Gelston, D.	First Line Mgr/NPI-7		X	
Geyer, R.	TRU Waste Tech/NPI-7		X	
Green, L.	R & D Mgr/C-IIAC		X	
Groover, T.	Site Project Manager/NWP/CCP	X	X	
Hasselstrom, T.	RTR Operator/NWP/CCP/VJT		X	
Holmes, S.	Observer/NMED	X		X
Jones, L.	QA Engineer/NWP/QA	X	X	X
Kais, Ted	NA-LAQAS/QAS			X
Maestas, R.	Observer/NMED	X		
Martinez, S.	Cognizant Engineer – NDE/NWP/CCP	X	X	X
Mojica, T.	VEE/NWP/CCP		X	
Montoya, J.	AKE/LANL	X	X	
Nance, S.	AKE/CCP	X	X	X

PERSONNEL CONTACTED DURING AUDIT A-15-21				
NAME	**TITLE/ORG**	**PRE-AUDIT MEETING**	**CONTACTED DURING AUDIT**	**POST-AUDIT MEETING**
Papp, Michael	AKE/CCP/Tech. Specs		X	
Pearcy, S.	Records Manager/NWP/CCP	X	X	X
Petru, E.	Lead/LANL QPA			X
Punchios, S.	NWP Tech/NWP/CCP			X
Ramirez, M.	Waste Cert. Manager/NWP/CCP	X	X	X
Rascon, M.	CCP Records/CCP/TFE	X		
Reeves, R.	CCP Operations Mgr/NWP/CCP	X		
Robida, P.	VEO/CCP		X	
Schoen, J.	AKE/CCP/Tech. Specs	X	X	
Sexton, C.	QA Engineer/NWP		X	
Sharif, F.	NTP Manager/NWP/NTP	X		
Simmons, C.	VPM/NWP/CCP		X	X
Simpson, K.	RTR Subject Matter Expert/NWP/CCP/VJT	X	X	X
Smith, C.	Observer/NMED	X		X
Soaterna, C.	Site Project Manager/NWP/CCP	X	X	
Stroble, J.	TSTD Director/DOE/CBFO	X		X
Thompson, J.	VEE/NWP/CCP		X	
Triay, I.	Observer/FIU Contractor to NMED	X	X	X
Waldram, V.	NWP QA Tech/NWP			X
Witkowski, I.	OSRP/CH-SME/NEN-3/LANL	X	X	
Ytturalde, J.	CCP Records/CCP/TFE	X		

PERSONNEL CONTACTED DURING THE AUDIT BY SUBJECT AREA

Personnel Qualification and Training	A.J. Fisher Michele Billett Cheryl Armijo Sheila Pearcy
Control of Nonconforming Items	Laura Jones Chris Sexton
Records	Sheila Pearcy
WIPP Waste Information System (WWIS Data Entry)	Mike Ramirez
Waste Certification/Project Level Data V&V	Carolina Soaterna Terri-Ann Groover
Acceptable Knowledge	Jason Montoya Sheri Nance Sherry Auckland Michael Papp Jim Schown Craig Simmons Ioana Witkowski Alex Feldman Carolina Soaterna
Real-Time Radiography	Kenneth Simpson Aaron Elliott Shelly Martinez Thad Hasselstrom
Visual Examination	Carolina Soaterna Tommy Mojica Robert Geyer Denise Gelston James Thompson Peter Robida Lance Green Alex Feldman Ioana Witkowski

Objective Evidence Reviewed During the Audit

The objective evidence supporting Audit A-15-21 is included in the box(es) submitted with this report. Included in the box(es) is a "Content Map" describing the location (using color coding) and identity of all required objective evidence supporting the performance of the audit.

Table C6-1 Waste Analysis Plan (WAP) Checklist
CCP/LANL Recertification Audit A-15-21
September 1-3, 2015

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Waste Analysis Plan (WAP) General Checklist for use at DOE's Generator/Storage Sites

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	WASTE STREAM IDENTIFICATION					
1	Does the generator/storage site define "waste stream" as waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity? (Attachment C Section C-0a)	CCP-PO-001, S. C-0a CCP-TP-005, S. 4.4.11 NOTE above	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9 **(AK-3)**	Y	
2	Are procedures in place to ensure that the generator/storage site assigns one of the Summary Category Groups (S3000-homogeneous solids, S4000-soils/gravel, S5000-debris waste) to each waste stream? (Section C-1b)	CCP-TP-005, S. 4.4.14 S. 4.4.15 CCP-TP-002, S. 4.3 Att. 2	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 2.1 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 2.2 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001,	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CCP-AK-LANL-008 R9, S. 2.1 **(AK-3)** Waste Stream Profile Form for waste stream LA-MHD01.001 **(AK-5)** Waste Stream Profile Form for waste stream LA-MSG04.001 **(AK-6)** Waste Stream Profile Form for waste stream LA-OS-00-01.001 **(AK-7)**		
3	Are procedures in place to ensure that the generator/storage site assigns Waste Matrix Code Groups (e.g., solidified inorganics, solidified organics, salt waste, soils, combustible waste, filters, graphite, heterogeneous debris waste, inorganic nonmetal waste, lead/cadmium metal, uncategorized metal) to each waste stream? (Section C-0a)	CCP-TP-005, S. 4.4.13 NOTE Above CCP-TP-002, S. 4.3 Att. 2	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 2.1 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 2.2 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 2.1 **(AK-3)** Waste Stream Profile Form for waste stream LA-MHD01.001	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				(AK-5) Waste Stream Profile Form for waste stream LA-MSG04.001 **(AK-6)** Waste Stream Profile Form for waste stream LA-OS-00-01.001 **(AK-7)**		
4	Are procedures in place to ensure that the generator/storage site assigns a Waste Stream WIPP Identifier (ID) to each waste stream? (Section C3-6b(1))	CCP-TP-002, S. 4.3 Att. 2	Y	Waste Stream Profile Form for waste stream LA-MHD01.001 **(AK-5)** Waste Stream Profile Form for waste stream LA-MSG04.001 **(AK-6)** Waste Stream Profile Form for waste stream LA-OS-00-01.001 **(AK-7)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
4a	Are procedures in place for generator/storage sites to submit an AK Sufficiency Determination (Determination Request) to the Permittees to meet all or part of the waste characterization requirements including: • All information specified in Permit Attachment C4, Section C4-3d • Identification of relevant hazardous constituents, and correctly identifies all toxicity characteristic and listed hazardous waste numbers • All hazardous waste number assignments must be substantiated by supporting data and, if not, whether this lack of substantiation compromises the interpretation • Resolution of data discrepancies between different AK sources must be technically correct and documented • The AK Summary includes all the identification of waste material parameter weights by percentage of the material in the waste stream, and determinations are technically correct • All prohibited items specified in the TSDF-WAC should be addressed, and conclusions drawn are technically adequate and substantiated by supporting information • If the AK record includes process control information specified in Permit Attachment C4, Section C4-3b, the information should include procedures, waste manifests, or other documentation demonstrating that the controls were adequate and sufficient. • The site must provide the supporting information necessary to substantiate technical conclusions within the Determination Request, and this information must be correctly interpreted. (Section C-0b, Section C4-3d)	CCP-TP-005, S. 4.7	Y	N/A	N/A	No AK Sufficiency Determinations were requested for the waste stream audited
4b	If a generator/storage site does not submit a Determination Request or if the Determination Request is not approved, are procedures in place for the generator/storage site to perform radiography or VE on 100% of the containers in a waste stream as specified in Permit Attachment C1? (Section C-0b)	CCP-PO-001, S. C-0b CCP-TP-001, S. 3.1.1	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)**	Y	No determination requests were submitted since the previous audit.

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
4c	Are procedures in place to ensure that the generator/storage sites complete a Waste Stream Profile Form (WSPF) and Characterization Information Summary (CIS) as specified in Permit Attachment C3, Sections C3-6b(1) and C3-6b(2)? (Section C-0c)	CCP-PO-001, S. C-0c CCP-TP-002, (All)	Y	CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3.	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
6	Are procedures in place to ensure that the generator/storage site assigns EPA hazardous waste numbers associated with the waste? If so, do these assigned EPA hazardous waste numbers correspond to the permitted EPA hazardous waste numbers in Table C-5? Are there any assigned EPA hazardous waste numbers that are not permitted EPA hazardous waste numbers on the Table C-5? If so, did the generator/storage site reject the waste for shipment to and disposal at WIPP? Did the generator assign a state hazardous waste codes or numbers? If so, is it assigned to waste that is permitted at WIPP? (Section C-1b)	CCP-TP-005, S. 4.4.16- 4.4.21 Att. 5	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.3, tables 7, 8, 9 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S6.4.3, tables 11, 15 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S5.4.3 **(AK-3)** AK Att. 5, Hazardous Constituents for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-13)**	Y	
7	Are procedures in place to ensure that Summary Category Groups are defined as follows: S3000- Homogeneous solids are solid material, inorganic process residues,	CCP-TP-002, S. 4.3 & Att. 2	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001,	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	inorganic sludges, salt waste, and pyrochemical salt waste excluding soils, that do not meet NMED criteria for classification as debris and are at least 50 percent by volume homogeneous solids or comprise the majority of the waste stream S4000- Waste streams that are at least 50 percent by volume soil/gravel, or comprise the majority of the waste stream S5000- Waste streams that are at least 50 percent volume materials that meet the NMED criteria for debris, or comprise the majority matrix of materials. The criteria for debris are solid materials intended for disposal that exceed 2.36 inch particle size and is a manufactured object, plant or animal matter, or natural geologic material. Particles smaller than 2.36 inches in size may be considered debris if the debris is a manufactured object and if it is not a particle of S3000 or S4000 material. (Section C-0a)	CCP-TP-005, S. 4.4.14		CCP-AK-LANL-006 R13, S2.1 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S.2.2 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S.2.1 **(AK-3)** Waste Stream Profile Form for waste stream LA-MHD01.001 **(AK-5)** Waste Stream Profile Form for waste stream LA-MSG04.001 **(AK-6)** Waste Stream Profile Form for waste stream LA-OS-00-01.001 **(AK-7)**		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
8	Does the generator/storage facility have procedures in place to ensure that the following waste characterization parameters will be obtained: • Determination whether TRU mixed waste streams comply with the applicable provisions of the TSDF-WAC • Determination whether TRU mixed wastes exhibit a hazardous characteristic per 20.4.1.200 NMAC (incorporating 40 CFR 261 Subpart C) • Determination whether TRU mixed wastes are listed per 20.4.1.200 NMAC (incorporating 40 CFR 261 Subpart D) • Estimation of waste material parameter weights (Section C-2)	CCP-TP-005, S. 4.4.16 S. 4.4.17 S. 4.4.26 S. 4.4.30 S. 4.4.33 [K], [L] & [M] CCP-TP-113, (All) CCP-TP-001, Att. 1, 2, & 4 CCP-TP-005, (All)	Y	**B1-** CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S.5.4.3.4, 5.4.3.5, 5.4.4 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S 6.4.3.3, 6.4.4, 6.4.5 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.3.5, 5.4.4, 5.4.5 **(AK-3)** AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-14)** NCRs for prohibited items **(AK-16)** LAVE550140 **(AK-25)** **B2&3-** CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13,	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				S. 5.4.3, tables 7, 8, 9 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.3, tables 11, 15 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.3 **(AK-3)** AK Att. 5, Hazardous Constituents for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-13)** **B4-** CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.1.2, table 2 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.1.2, table 13 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.1.2, table 5-1 **(AK-3)** Memos attached to AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-14)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
9	Are procedures in place to ensure that waste streams identified to contain incompatible materials or materials incompatible with waste containers cannot be shipped unless treated to remove the incompatibility?	CCP-TP-005, S. 4.4.30, S. 4.4.33 [K], Att.6	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001,	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	(Section C-1c)	CCP-TP-001, S. 2.7, S. 4.1, S. 4.2, CCP-TP-113, (All) CCP-TP-120, S. 4.1 & Att. 2 & 4 S. 4.0, NOTE 3, S. 4.2.4(A.3)		CCP-AK-LANL-006 R13, S. 5.4.4 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.5 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.5 **(AK-3)** AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-14)** NCRs for prohibited items **(AK-16)** IDC screenshot for container “hold” **(AK-19)** “Hold” tag **(AK-22)** LAVE550140 **(AK-25)** Container Inspection Report		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				(AK31)		
10	Are procedures in place to ensure that the generator/storage site uses acceptable knowledge and, as necessary, radiography and visual examination analysis as specified in Table C-1? (Section C-3)	CCP-TP-005, S. 4.4, S. 4.5 CCP-TP-001, S. 4.2	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9 **(AK-3)** Traceability BDRs: LAVE550140 **(AK-25)** LA15-OSR-VE-003 **(AK-26)** LA-HERTR-14-0056 **(AK-27)** LA-HERTR-14-0039 **(AK-28)** LA-RTR2-14-0038 **(AK-29)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				LAVE550142 LAVE550164 **(GEN-2)** CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
	UNACCEPTABLE WASTE					

12	Are procedures in place to ensure that the generator/storage site ensures, through administrative and operational procedures and characterization techniques, that waste containers do not include the following unacceptable waste:
	• liquid waste is not acceptable at WIPP. Liquid in the quantities delineated below is acceptable
	  • Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination
	  • Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited
	  • Containers with Hazardous Waste number U134 assigned shall have no observable liquid
	  • Overpacking the outermost container that was examined during radiography or visual examination or redistributing untreated liquid within the container shall not be used to meet the liquid volume limits
	• non-radionuclide pyrophoric materials
	• hazardous wastes not occurring as co-contaminants with TRU wastes (non-mixed hazardous wastes)
	• wastes incompatible with backfill, seal and panel closures materials,
		CCP-TP-001, S. 4.2 Att. 1, 2, & 4	Y	LA-HERTR-14-0056
				LA-RTR2-14-0043
				LA-RTR2-15-0001
				(GEN-1)
				
				LA-14-OSR-VE-011
				LA-15-OSR-VE-001
				LAVE550142
				LAVE550164
				(GEN-2)
				
				CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources.
				
				CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste
					Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	container and packaging materials, shipping container materials, or other wastes • wastes containing explosives or compressed gases (continued below)			Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-M01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				450, and Lot 451. **(GEN-4)**		
12a	• wastes with polychlorinated biphenyls (PCBs) not authorized under an EPA PCB waste disposal authorization • wastes exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003) • waste that has ever been managed as high-level waste and waste from tanks specified in Table C-4, unless specifically approved through a Class 3 permit modification • any waste container from a waste stream (or waste stream lot) which has not undergone either radiographic or visual examination of a statistically representative subpopulation of the wastes stream in each shipment pursuant to Permit Attachment C7 • any waste container from a waste stream which has not been preceded by an appropriate, certified Waste Stream Profile Form (see Section C-1d) (Section C-1c)	CCP-TP-001, S. 4.2 Att. 1, 2, & 4	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
	WASTE ACCEPTANCE CONTROL					
14	Are procedures in place to ensure that the generator/storage site uses a Waste Stream Profile Form (WSPF) which includes, at a minimum, the information indicated on the attached WSPF found in Figure C-1 and a Characterization Information Summary (CIS) prior to waste disposal at the WIPP? (Section C-1d)	CCP-PO-001, S. C-1d CCP-TP-002, (All)	Y	CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451.		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				(GEN-4)		
16	Are procedures in place to ensure that additional WSPFs are provided to WIPP and NMED for waste streams or portions of waste streams that are reclassified based upon waste characterization information? (Section C-1d)	CCP-PO-001, S. C-1d CCP-TP-002, (All)	Y	CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for	Y	No Waste Streams were reclassified due to waste characterization information.

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
16a	Are criteria in place to determine the specific circumstances under which a WSPF is revised versus when a new WSPF is required? (Section C-1d)	CCP-TP-002, S. 4.7	Y	N/A	N/A	There were no revisions to the WSPF for the waste streams audited
	GENERAL CHARACTERIZATION REQUIREMENTS					
25	Are procedures in place to ensure that Acceptable Knowledge is used in waste characterization activities to delineate TRU mixed waste streams, to assess whether TRU mixed wastes comply with the TSDF-WAC, to assess whether TRU mixed waste exhibits a hazardous characteristic (20.4.1.200 NMAC, incorporating 40 CFR 261 Subpart C), and to assess whether TRU wastes are listed (20.4.1.200 NMAC, incorporating 40 CFR 261 Subpart D), and to estimate waste material parameter weights? (Section C-3a)	CCP-TP-005, S. 4.4.11 S. 4.4.16 S. 4.4.17 S. 4.4.26 S. 4.4.30 S. 4.4.33 [K], [L] & [M] CCP-TP-113, (All)	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 2.1 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 2.2 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 2.1	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				(AK-3) CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.3.4, 5.4.3.5, 5.4.4 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.3.3, 6.4.4, 6.4.5 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.3.5, 5.4.4, 5.4.5 **(AK-3)** AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-14)** NCRs for prohibited items **(AK-16)** LAVE550140 **(AK-25)** CCP AK Summary Report for LANL TA-55		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.3, tables 7, 8, 9 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.3, tables 11, 15 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.3 **(AK-3)** AK Att. 5, Hazardous Constituents for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-13)** CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.1.2, table 2 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.1.2, table 13 **(AK-2)**		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.1.2, table 5-1 **(AK-3)** Memos attached to AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-14)**		
26	Are procedures in place to ensure that radiography and/or visual examination are used as necessary to: • Examine a waste container to determine the physical form • Identify observable liquid in excess of TSDF-WAC limits and containerized gases • Verify the physical form matches the waste stream description (Section C-3b)	CCP-TP-113, S. 1.0 Table 1 Att. 1 & 2 CCP-TP-069, S. 1.0 Att. 4 & 7 CCP-TP-053, S. 1.0 Table 1 Att. 2	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
28	Are procedures in place to ensure that the following characterization activities shall occur: • Acceptable Knowledge for all wastes, with testing as necessary to augment AK including; - Visual examination or radiography for all waste containers (Section C4-3e)	CCP-TP-005, S. 4.4, S. 4.5 CCP-PO-001, S. C-0b	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13 **(AK-1)** CCP AK Summary	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
		CCP-TP-001, S. 3.1.1		Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9 **(AK-3)** LAVE550140 **(AK-25)** LA15-OSR-VE-003 **(AK-26)** LA-HERTR-14-0056 **(AK-27)** LA-HERTR-14-0039 **(AK-28)** LA-RTR2-14-0038 **(AK-29)** Waste Stream Characterization Checklists **(AK-30)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** CP:10:01412 – Transmittal of Approved		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3.		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	DATA GENERATION, VERIFICATION, VALIDATION, DOCUMENTATION, AND QUALITY ASSURANCE					
30	Are procedures in place to ensure that the following Data Quality Objectives are met: • Use Acceptable Knowledge to delineate TRU mixed waste streams, assess whether TRU mixed wastes comply with the applicable requirements of the TSDF-WAC, assess whether TRU mixed wastes exhibit a hazardous characteristic, assess whether TRU mixed wastes are listed and to estimate waste material parameter weights • Use radiography or visual examination to verify the physical form of the waste matches its waste stream description as determined by AK and to verify the absence of prohibited items (Section C-4a(1))	CCP-TP-005, S. 4.4.11 S. 4.4.16 S. 4.4.17 S. 4.4.26 S. 4.4.30 S. 4.4.33 [K], [L] & [M] CCP-TP-113, (All) CCP-TP-001, S. 4.2 Att. 1, 2, & 4	Y	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 2.1 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 2.2 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 2.1 **(AK-3)** CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.3.3, 5.4.3.4, 5.4.4 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.3.3, 6.4.4, 6.4.5 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001,	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CCP-AK-LANL-008 R9, S. 5.4.3.5, 5.4.4, 5.4.5 **(AK-3)** AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-14)** NCRs for prohibited items **(AK-16)** LAVE550140 **(AK-25)** CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.3, tables 7, 8, 9 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.3, tables 11, 15 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.3 **(AK-3)** AK Att. 5, Hazardous		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Constituents for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-13)** CCP AK Summary Report for LANL TA-55 Mixed TRU Waste, waste stream LA-MHD01.001, CCP-AK-LANL-006 R13, S. 5.4.1.2, table 2 **(AK-1)** CCP AK Summary Report for LANL TA-21 DP West Facility, waste stream LA-MSG04.001, CCP-AK-LANL-010 R6, S. 6.4.1.2, table 13 **(AK-2)** CCP AK Summary Report for LANL OSRP Sealed Sources, waste stream LA-OS-00-01.001, CCP-AK-LANL-008 R9, S. 5.4.1.2, table 5-1 **(AK-3)** Memos attached to AK Att. 6, Waste Form, Waste Material Parameters, Prohibited Items and Packaging for waste streams LA-MHD01.001, LA-MSG04.001 and LA-OS-00-01.001 **(AK-14)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)**		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 -		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
31	Are procedures in place to ensure that the following Quality Assurance Objectives are adequately defined and assessed for each characterization method: • Precision as a measure of the mutual agreement among multiple measurements. • Accuracy as the degree of agreement between a measurement result and a true or known value. • Completeness is a measure of the amount of valid data obtained from a method compared to the total amount of data obtained that is expressed as a percentage. • Comparability is the degree to which one data set can be compared to another data set. • Representativeness as an expression of the degree to which data represent characteristics of a population. (Section C-4a(2))	CCP-TP-113, Att. 3 CCP-TP-069, Att. 7 CCP-TP-053, Att. 3	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
32	With respect to data generation, are procedures in place to ensure that the generator/storage site's waste characterization program meets the following general requirements: • Testing data packages and batch data reports must be reported accurately	CCP-TP-113, S. 5.0 Att. 2 & 3 CCP-TP-069,	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	in a pre-approved format, must be maintained in permanent files, and must be traceable? • All data must receive a technical review by another qualified operator? (Section C3-4a)	S. 4.2 Att.4 & 7 CCP-TP-053, S. 4.7 S. 4.10 S. 5.0 Att. 2 & 3		LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**		
33	Are procedures in place to ensure that the generator/storage site performs validation of waste characterization data for each waste container? (Section C-4)	CCP-TP-113, Att. 2 & 3 CCP-TP-069, Att. 4 & 7 CCP-TP-001, S. 4.2 Att. 1, 2, & 4 CCP-TP-053, S. 4.10 Att. 3	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
34	Are procedures in place to ensure that the generator/storage site has a pre-approved format for reporting waste characterization data? (Section C-4a(3))	CCP-TP-113, Att. 2 & 3 CCP-TP-069, Att. 4 & 7 CCP-TP-001, S. 4.2 Att. 1, 2, & 4 CCP-TP-053, S. 4.7 Att. 2	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001		

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				(RTR-1)		
35	Are procedures in place to ensure that the generator/storage site prepares testing batch data reports to meet the requirements of their own site-specific QAPjP and/or SOPs? (Section C-4a(3))	CCP-PO-001, C-4a(3) CCP-TP-113, S. 4.6 CCP-TP-069, S. 4.2 CCP-TP-001, S. 4.2 Att. 1, 2, & 4 CCP-TP-053, S. 4.7 & Att. 2	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
36	Are procedures in place to ensure that all raw data is collected and managed at the data generation level in accordance with the following criteria: • All raw data shall be signed and dated in reproducible ink by the individual collecting the data, or signed and dated using electronic signatures • All data shall be recorded clearly, legibly, and accurately in field records • All changes to original data shall be lined out, initialed, and dated by the individual making the change. Original data may not be obliterated or otherwise be made unreadable • All data shall be transferred and reduced from field records completely and accurately • All field records shall be maintained as specified in Table C-2 of Attachment C • Data shall be organized into standard reporting formats for reporting purposes • All electronic and video data must be stored to ensure that waste container and QC data are readily retrievable (Section C3-4a)	CCP-TP-113, S. 4.6 S. 5.0 Att. 2 & 3 CCP-TP-069, S. 4.2 S. 4.4.4 Att. 4 & 7 CCP-TP-053, S. 5.0 Att. 2 & 3	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
37	Are procedures in place to ensure that 100 % of batch data reports are subject to independent technical review by an individual qualified to review the data who was not involved in the generation or recording of the data under review. The reviewer shall release the data through signature with an associated review checklist prior to characterization of the associated waste and shipment to the WIPP. The review shall ensure the following, as applicable: • Data generation and reduction were conducted according to the methods used and reported in the proper units and significant figures • Calculations have been verified by a valid calculation program, a spot check of verified calculation programs, and/or a 100 percent check of all hand calculations • The data have been reviewed for transcription errors • The testing QA documentation for BDRs is complete and includes, as applicable, raw data, calculation records, calibration records • Radiography tapes are reviewed on a waste container basis at a minimum of once per testing batch or once per day of operation, whichever is less frequent. The radiography tape will be reviewed against the data on the radiography form to ensure that data are complete and correct • QAOs have been met (Section C3-4a(1))	CCP-TP-113, Att. 2 & 3 CCP-TP-069, Att. 4 & 7 CCP-TP-053, S. 4.6 S. 4.10 Att. 3 CCP-TP-001, Att. 2	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
40	Are procedures in place to ensure that 100 percent of all batch data reports receive a Site Project Manager signature release with an associated review checklist prior to characterization of the associated waste and shipment to the WIPP. This release shall ensure the following: • Testing batch QC checks were properly performed. Radiography data are complete and acceptable based on evidence of videotape review of one waste container per day or once per testing batch, whichever is less frequent • Data generation level independent technical review, validation, and verification have been performed as evidenced by the completed review checklists and appropriate signature releases. • Independent technical reviewers were not involved in the generation or recording of the data under review. • Batch Data review checklists are complete • Batch Data Reports are complete and data properly reported • Verify that data are within established data assessment criteria and meet all applicable QAOs (Section C3-4b(1))	CCP-TP-001, S. 4.2 Att. 1, 2, & 4	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)**	Y	
42	Are procedures in place to ensure that a repeat of the data review process at the data generation level will be performed on a minimum of one randomly chosen waste container every quarter to determine if the verification and validation is performed according to documented procedures? (Section C3-4b)	CCP-PO-001, S. C3-4b CCP-TP-001, S. 4.3	Y	CP:14:01245 CP:14:01277 CP:14:01249 CP:14:01274 CP:14:01250 CP:14:01278 CP:14:01248 CP:14:01276 CP:15:01009 CP:15:01040 CP:15:01007 CP:15:01041 CP:15:01008 CP:15:01039 CP:14:01246 CP:14:01275 CP:14:01247 CP:14:01279 CP:15:01076 CP:15:01134 CP:15:01146 CP:15:01077 CP:15:01098	Y	LANL/CCP did not perform RTR in 4Q-2014 or 1Q2015

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CP:15:01078 CP:15:01097 CP:15:01135 CP:15:01145 CP:15:01136 CP:15:01147 **(GEN-5)**		
43	Are procedures in place and checklists are available to prepare a Site Project Manager (SPM) Summary and a Data Validation Summary (the summaries may be in the same document)? The SPM Summary includes a validation checklist for each batch that is of sufficient detail to document all aspects of a batch data report that could affect data quality. The Data Validation Summary must identify each Batch Data Report reviewed, describe how the validation was performed, identify all problems, and identify all acceptable and unacceptable data. Summaries must include release signatures. (Section C3-4b(2))	CCP-TP-001, S. 4.2 Att. 1, 2, & 4	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)**	Y	
44	Are procedures in place to ensure that non-administrative, WAP-related nonconformances first identified at the site project manager level are reported to the Permittees within seven calendar days of identification, that nonconformance reports are prepared within 30 calendar days, and that corrective action is implemented prior to waste shipment? (Section C3-7)	CCP-QP-005, S. 4.5.1 [D.2], [D.3], & D.4] & Att. 4	Y	NCR-LANL-0025-15 **(GEN 6)**	Y	
45	Are procedures in place to ensure that any waste container for which a nonconformance report (**NCR**) has been written will not be shipped to the WIPP facility unless the condition that led to the NCR for that container is appropriately identified, reconciled, corrected, and documented? Are nonconformance reports prepared for nonconformances identified? Are nonconformances identified and tracked, and does the Site Project Manager oversee the nonconformance report process? (Section C3-7)	CCP-QP-005, (All)	Y	NCR-LANL-0023-15 Rev. 0 through 3 NCR-LANL-0025-15 Rev. 0 NCR-LANL-0029-15 Rev. 0 and 1 NCR-LANL-0034-15 Rev. 0 NCR-LANL-0539-14 Rev. 0 NCR-LANL-0540-14 Rev. 0 and 1 NCR-LANL-0611-14 Rev. 0 and 1 NCR-LANL-0612-14 Rev. 0 **(GEN6)**	Y	NCR Log is maintained Electronically in the CCP Integrated Data Center (IDC)
	DATA TRANSMITTAL					
48	Are procedures in place to ensure that the generator/storage site transmits data by hard copy or electronic copy from the data generation level to the site project level?	CCP-TP-001, S. 4.2.23-24	Y	LA-HERTR-14-0056 LA-RTR2-14-0043	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	If electronic, does the generator/site have a hard copy available on demand? (Section C-4a(5))			LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)**		
50	Are procedures in place to ensure that the generator/storage site inputs the data into the WWIS manually or electronically? (Section C-4a(5))	CCP-TP-030, (All)	Y	N/A	Y	Waste certification activities for LANL waste containers are currently suspended. There has been no generation of data entry packages documenting WWIS/WDS data entry and waste container certification activities by CCP for CH waste within the last 12 months. There are no new Waste Stream Profile Forms (WSPFs) in process of approval for CH waste streams at the LANL host site location requiring WWIS/WDS data entry for completion of the WSPF approval process.
51	Are procedures in place to ensure that the generator/storage site enters the data into the WWIS in the exact format required by the database? (Section C-4a(5))	CCP-TP-030, (All)	Y	N/A	Y	Waste certification activities for LANL waste containers are currently suspended. However, CCP personnel are familiar with implementation of procedure steps for waste certification of LANL waste container. Based on previous satisfactory implementation, procedure implementation should be satisfactory when the suspension of waste certification activities is lifted.
52	Are procedures in place to ensure all of the data presented on Table C-3 of the Permit is transmitted to the WWIS? (Table C-3)	CCP-TP-030, (All)	Y	N/A	Y	Waste certification activities for LANL waste containers are currently suspended. However, CCP personnel are familiar with implementation of procedure steps for waste certification of LANL waste container. Based on previous satisfactory implementation, procedure

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
						implementation should be satisfactory when the suspension of waste certification activities is lifted.
	RECORDS AND RECORD MANAGEMENT					
55	Are procedures in place to ensure that the generator/storage site's hard copy and/or electronic data reports follow the Permittees' format requirements? (Section C-4a(3))	CCP-TP-001, S. 4.2.23-24	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)**	Y	
56	Are procedures in place to ensure that hard copy or electronic Waste Stream Profile Form will include the following: • Generator/storage site name • Generator/storage site EPA ID • Date of audit report approval by NMED (if obtained) • Original generator of waste stream • Whether waste is Contact-Handled or Remote-Handled • Waste Stream WIPP Identification Number • Summary Category Group • Waste Matrix Code Group • Waste Material Parameter Weight Estimates per unit of waste • Waste stream name • A description of the waste stream • Applicable EPA hazardous waste codes numbers • Applicable TRUCON codes • A listing of acceptable knowledge documentation used to identify the waste stream • The waste characterization procedures used and the reference and date of the procedure • Certification signature of Site Project Manager, name, title, and date signed	CCP-TP-002, S. 4.3 Att. 2	Y	CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	(Section C3-6b(1))					
56a	Are procedures in place to ensure that hard copy or electronic Characterization Information Summary will include the following: • Data reconciliation with DQOs • Radiography and visual examination summary to document that all prohibited items are absent in the waste and to verify that the physical form of the waste matches its waste stream description as determined by AK (if applicable) • A complete listing of all container identification numbers used to generate the Waste Stream Profile Form, cross-referenced to each Batch Data Report • Complete AK summary, including stream name and number, point of generation, waste stream volume (current and projected), generation dates, TRUCON codes, Summary Category Group, Waste Matrix Code(s) and Waste Matrix Code Group, other TWBIR information, waste stream description, areas of operation, generating processes, RCRA determinations, radionuclide information, all references used to generate the AK summary, and any other information required by Permit Attachment C4, Section C4-2b. • Method for determining Waste Material Parameter Weights per unit of waste. • List of any AK Sufficiency Determinations requested for the waste stream • Certification through acceptable knowledge or testing that any waste assigned the hazardous waste number of U134 (hydrofluoric acid) no longer exhibits the characteristic of corrosivity. This is verified by ensuring that no liquid is present in U134 waste. • A justification for the selection of radiography and/or VE as an appropriate method of characterizing the waste. (Section C3-6b(2))	CCP-TP-002, S. 4.4 Att. 3-5	Y	CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**	Y	
56b	Are procedures in place to assure that ongoing container characterization results are cross referenced to Batch Data Reports? (Section C3-6b)	CCP-TP-002, S. 4.4.2 Att. 4	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
58	Are procedures in place to ensure that project level reports are compiled into Characterization Information Summaries? (Section C3-6b)	CCP-TP-002, S. 4.4 Att. 3-5	Y	CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85.	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
59	Are procedures in place to ensure that the generator/storage site uses forms for data reporting that are pre-approved forms in site-specific documentation? (Section C3-6)	CCP-TP-113, Att. 2 & 3 CCP-TP-069, Att. 4 & 7 CCP-TP-053, S. 4.7 Att. 2 & 3	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
60	Are procedures in place to ensure that the generator/storage site's site project manager submits to the WIPP facility a summary of the waste stream information and reconciliation with data quality objectives (DQOs) once a waste stream is characterized? (Section C-4a(5))	CCP-TP-002, S. 4.3-4.4 Att. 1-5	Y	CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85. CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010,	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
61	Are procedures in place to ensure that the generator/storage site project office completes a WSPF based on the Batch Data Reports? (C3-6b)	CCP-TP-002, S. 4.3 Att. 2	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)** CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 –	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)**		
62	Are procedures in place to ensure that the generator/storage Site Project Manager submits the WSPF to the Permittees for DOE's approval along with the accompanying Characterization Information Summary for that waste stream? (Section C-4a(5))	CCP-TP-002, S. 4.6 Att. 1-5	Y	CP:10:01412 – Transmittal of Approved Change Notice #2 for Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources. CP:13:01258 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MSG04.001 for Waste Stream LA-MSG04.001. CP:13:01218 – Transmittal of Los Alamos National Laboratory Site Waste Stream Profile Form LA-MHD01.001, Revision 1 for Waste Stream LA-MHD01.001. **(GEN-3)** CP:15:01140 – Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85.	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
				CP:14:01103 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3. CP:14:01128 - Transmittal of Los Alamos National Laboratory Characterization Information Summary for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451. **(GEN-4)**		
63	Are procedures in place to ensure that the generator/storage site maintains records related to waste characterization testing activities in the testing facility files, or site project files for those facilities located on-site? (Section C-4a(6))	CCP-QP-008, (All) CCP-QP-028, (All)	Y	CH Records Inventory Distribution Schedule (RIDS) dated July 30, 2015 **(GEN-9)**	Y	
64	Are procedures in place to ensure that the appropriate documented training and indoctrination is performed for all individuals and that procedures are documented in site specific QAPjPs and procedures? (Section C3-8)	CCP-PO-001, (All) CCP-QP-002, S. 4.0	Y	CCP – LANL List of Qualified Individuals dated 08/26/2015. **(GEN-7)** Qualification records for selected CCP personnel. **(GEN-8)**	Y	
66	Are procedures in place to ensure that the generator/storage site has an appropriate records inventory and disposition schedule (RIDS) or equivalent that was prepared and approved by appropriate site personnel? (Section C-4a(6))	CCP-QP-008, S. 3.1.2 CCP-QP-028, S. 3.1.1	Y	CH Records Inventory Distribution Schedule (RIDS) dated July 30, 2015 **(GEN-9)**	Y	
67	Are procedures in place to ensure that the generator/storage site maintains all records relevant to an enforcement action, regardless of disposition, until they are no longer needed for enforcement action, and then dispositioned per the approved	CCP-QP-008, S. 4.15.1 (NOTE)	Y	CH Records Inventory Distribution Schedule (RIDS) dated July 30,	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
	RIDS? (Section C-4a(6))	CCP-QP-028, (All)		2015 **(GEN-9)**		
68	Are procedures in place to ensure that the generator/storage site maintains records that are designated as Lifetime Records for the life of the waste characterization program plus six years or that the records have been transferred to the WIPP Records Archive facility? Lifetime Records include: • Test facility Batch Data Reports, • Waste Stream Characterization Package, • Data reduction, validation, and reporting documentation, • Acceptable knowledge documentation, • WSPF and Characterization Information Summary (Section C-4a(6), Table C-2)	CCP-PO-001, S. C-4a(6) TABLE C-2 CCP-QP-008, S. 2.3.11 S. 4.10.1, 2nd NOTE CCP-QP-028, (All)	Y	CH Records Inventory Distribution Schedule (RIDS) dated July 30, 2015 **(GEN-9)**	Y	
69	Are procedures in place to ensure that the generator/storage site maintains records that are designated as Non-Permanent Records for ten years from the date of record generation, and then dispositioned according per the approved RIDS or transferred to the WIPP Records Archive facility? Non-Permanent Records include: • Nonconformance documentation, • Variance documentation, • Assessment documentation, • Calculations and related software documentation, • Training/qualification documentation, • QAPjP documentation (all revisions), • Calibration documentation, • Procurement documentation, • QA procedures (all revisions), • Technical implementing procedures (all revisions), and • Audio/video recording (radiography, visual, etc.). (Section C-4a(6), Table C-2)	CCP-PO-001, S. C-4a(6), TABLE C-2 CCP-QP-008, S. 2.3.17 S. 4.10.1, 2nd NOTE CCP-QP-028, (All)	Y	CH Records Inventory Distribution Schedule (RIDS) dated July 30, 2015 **(GEN-9)** Disposal of Records Letter, CP:15:01172 **(GEN-10)**	Y	
70	Are procedures in place to ensure that the generator/storage site has raw data that is identifiable and legible, and provides documentary evidence of quality? (Section C-4a(6))	CCP-TP-113, Att. 2 & 3 CCP-TP-069	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-1 Waste Analysis Plan (WAP) Checklist [1]	Procedure Documented		Example of Implementation/Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why?)	Item Reviewed	Adequate? Y/N	
		Att. 4 & 7 CCP-TP-053, Att. 2 & 3		LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-102 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**		
71	Are procedures in place to ensure that if the generator/storage site ceases to operate, that all records be transferred before closeout? (Section C-4a(6))	CCP-QP-008, S. 4.10.2	Y	N/A	N/A	This site has not ceased operations.
	SHIPMENT					
72	Are procedures in place to ensure that the generator/storage site accurately completes an EPA Hazardous Waste Manifest prior to shipping the waste to WIPP that contains the following information: • Generator/storage site name and EPA ID • Generator/storage site contact name and phone number • Quantity of waste • List of up to six state and/or federal hazardous waste numbers in each line item • Listing of all container IDS • Signature of authorized generator representative (Section C-5b)	CCP-TP-033, S. 2.6.7 S. 4.2	Y	N/A	N/A	No new waste manifests have been generated since the suspension of waste shipments to WIPP as a result of the fire event experienced on February 5, 2014.
73	Are procedures in place to ensure that the generator/storage site accurately completes the following container specific information: • Waste stream identification number • List of hazardous waste numbers per container • Certification data • Shipping data (Section C-5b)	CCP-TP-033, S. 2.6.7 S. 4.2	Y	N/A	N/A	No new waste manifests have been generated since the suspension of waste shipments to WIPP as a result of the fire event experienced on February 5, 2014.

1. The WAP requirements should be presented in documents, such as procedures. Each of the questions posed under WAP requirements is meant to ask whether procedures are in place or whether documents are evident which demonstrate that the specific WAP requirement is or can be met.

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-HERTR-14-0056				Examination Date(s): 08/20/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 66850 69526
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**	X			NCR-LANL-0554-14 (69563)
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 8/24/14

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0056	Examination Date(s): 08/20/2014			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			Except for 69563
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**	X			Except for 69563
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0056				**Examination Date(s): 08/20/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			8/25/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-HERTR-14-0056 ☑ CH ☐ RH Date: 8-20-14

Waste Container ID Numbers	
Replicate Scan:	69563
Independent Observation:	66850
1	66850
2	69526
3	69563
4	N/A
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8-20-14
Printed Name	Signature	Date

Independent Technical Reviewer:

BENITO MAESTAS		8.21.14
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 8/25/14

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-HERTR-14-0056 Date: 08/20/2014

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	19
6	CCP Independent Technical Reviewer Checklist	22 ~~24~~ 8-21-14

Batch Narrative

All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

Thad Hasselstrom — RTR Operator

Thad Hasselstrom — Signature

8-21-14 — 08/20/2014 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-HERTR-14-0056		
Examination Date: 08/20/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 11 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Thad Hasselstrom (Printed Name)	Thad Hasselstrom (Signature)	08/20/2014 (Date)

CCP Radiography Data Sheet

Section 1: General Information	
[ ] RTR Examination [X] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69563
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-0554-14 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 144.0 kg Tare Wt.: 33.4 kg Net Wt.: 110.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

Waste Container ID: 69563

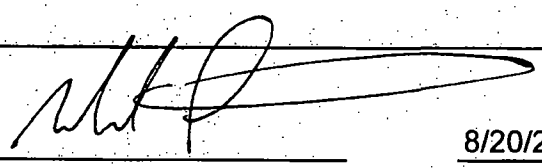
Section 3: Container Inventory and Comments	(Detailed descriptions)
IM:	Metal hardware, vented metal pipes, drill bits, vented metal canister, scrap metal
AM:	
OM:	
OI:	
C:	Coveralls
R:	Rubber gloves
XPM:	Horsetail bags, plastic tubing, plastic container, spray tip
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	50.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	16.0
Rubber (R):	2.0
Plastics (waste materials) (XPM):	8.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	34.6
Soils (S):	
Total WMP Weight:	110.6

Waste Container ID: 69563

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[X] Yes [ ] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[X] Yes [ ] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: This Replicate Scan agrees with the Original Scan. NCR-LANL-0554-14 This drum contains metal cans with material which may require additional Project Office review.	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[ ] RTR Examination [ ] RTR Replicate Scan [X] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	66850
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 44.0 kg Tare Wt.: 27.7 kg Net Wt.: 16.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	20 %

Waste Container ID: 66850

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R: Leaded rubber gloves
XPM: Horsetail bags
OR:
IN:
S:

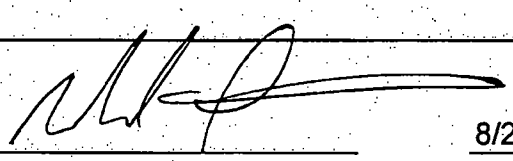
Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	14.3
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	16.3

Waste Container ID: 66850

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Independent Observation agrees with the Original Scan.	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	66850
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 44.0 kg Tare Wt.: 27.7 kg Net Wt.: 16.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	25 %

Waste Container ID: 66850

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM:	
AM:	
OM:	
OI:	
C:	
R: Leaded rubber gloves	
XPM: Plastic sheeting, horse tail bags	
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	~~3.8~~ 12.5 ZLH 8-20-14
Plastics (waste materials) (XPM):	~~12.5~~ 3.8 ZLH 8-20-14
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	16.3

Waste Container ID: 66850

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69526
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 83.5 kg Tare Wt.: 33.4 kg Net Wt.: 50.1 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

Waste Container ID: 69526

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Vented metal pipes, hardware, ~~drill~~ bits DRILL 7JH 8-21-14
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Utility knife handle, horsetail bags
OR:	~~Homogeneous solids~~ 7JH 8-20-14
IN:	HOMOGENEOUS SOLIDS 7JH 8-20-14
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	15.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	6.0
Organic Matrix (OR):	~~29.0~~ 7JH 8-20-14
Inorganic Matrix (IN):	29.0 7JH 8-20-14
Soils (S):	
Total WMP Weight:	50.1

Waste Container ID: 69526

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This drum contains metal cans with material, which may require additional Project Office review.	

RTR Operator:	Thad Hasselstrom	8-21-14
Thad Hasselstrom	Thad Hasselstrom	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69563
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-0554-14 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 144.0 kg Tare Wt.: 33.4 kg Net Wt.: 110.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

Waste Container ID: 69563

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM:	Hardware, vented metal pipe, hand tools, vented metal canisters
AM:	
OM:	
OI:	
C:	Coveralls
R:	Rubber gloves
XPM:	Horsetail bags, plastic tubing, plastic container
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	45.6
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	4.0
Rubber (R):	1.0
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	50.0
Soils (S):	
Total WMP Weight:	110.6

Waste Container ID: 69563

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[X] Yes [ ] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[X] Yes [ ] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: This drum contains metal cans with material, which may require additional Project Office review. NCR-LANL-0554-14	

RTR Operator:

Thad Hasselstrom		8/20/2014
Print Name	Signature	Date

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0554-14	**Revision** 0	
1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-HERTR-14-0056
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 69563
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☑ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 14, Section 4.4.2 [H] states, in part, "Using Table 1, Prohibited Items, as a reference...confirm there are NO prohibited items in the waste container."
Table 1, Prohibited Items lists, in part, "Liquid waste- Observable liquid shall be no more than 1 percent by volume of the outermost container, Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited."

7c. Actual Condition:

Approximately 3L of prohibited liquid in a vented metal pipe.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☑ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Thad Hasselstrom (printed name) [signature] 08/20/2014 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☑ NO ☐ INDETERMINATE

10. Trend Code: K	11. Responsible Manager: Terri-Anne Groover
12. Significant Condition? ☐ YES ☑ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☑ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Aaron Elliott (printed name) [signature] 8-21-14 (date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):
☑ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use
☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

COPY

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☑ N/A for Reject, Rework, or Scrap]

N/A

☑ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

Return container(s) to LANL.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Groover	Ter-A Groover	08.21.14

21. QA Engineer or QA Designee:

printed name	signature	date
Antonio D. Chavarria		8/21/14

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

COPY

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-HERTR-14-0056

	Description			
1.	Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 14	☐ NO	☑ YES	
3.	Are the WMPs entered correctly?	☐ NO	☑ YES	
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☑ YES	
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES	
6.	Has the data been verified for transcription errors?	☐ NO	☐ YES	☑ N/A
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES	
8.	BDR contents are complete and match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES	
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	
11.	All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12.	Was justification made for changing the original data?	☐ NO	☑ YES	☐ N/A
13.	Were data changes made by the individual who originally collected the data?	☐ NO	☑ YES	☐ N/A
14.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES	
15.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES	
16.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	
17.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☑ YES	
18.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-HERTR-14-0056

Description				
19.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	
20.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☑ YES	
21.	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
22.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
23.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☑ YES	
24.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
25.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
26.	Was the data collection performed by qualified individuals?	☐ NO	☑ YES	
27.	Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☑ YES	☐ N/A
28.	QAOs (precision, accuracy, completeness, representativeness) have been met?	☐ NO	☑ YES	

Comments:

N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

BENITO MACSTAS	[signature]	8.21.14
Printed Name	Signature	Date

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title/Description	Record Date	Total Pages
LA-HERTR-14-0056	BDR FOR NDE HE-RTR	08-20-14	23
LA-HERTR-14-0056	PRIMARY DVD A FOR NDE HE-RTR	08-20-14	N/A
	N/A		

Comments:

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted	[√]	[signature]	Ranada T. Baca	9/2/14
		Signature	Printed Name	Date
Records Rejected	[ ]			
		Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.          0162
Address          915056678321
Name             LANL
Start Time       09/02 11:39 AM
Call Length      00'18
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BDR FOR NDE HE-RTR	08-20-14	23
LA-HERTR-14-0056	PRIMARY DVD A FOR NDE HE-RTR	08-20-14	N/A
	N/A		

Comments

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [√]	Signature	Printed Name	Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BACKUP DVD B FOR HE RTR	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [✓] _____ Jarrell Hurrakle 9-2-14
Signature | Printed Name | Date

Records Rejected [ ] _____ _____ _____
Signature | Printed Name | Date

Reason for Rejection:

Re-submittal: _____ _____ _____
Signature | Printed Name | Date

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.          0163
Address          915056678321
Name             LANL
Start Time       09/02 11:37 AM
Call Length      00'18
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BACKUP DVD B FOR HE RTR	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [X] Signature Printed Name Date

Records Rejected [ ] Signature Printed Name Date

Reason for Rejection:

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-RTR2-14-0043				**Examination Date(s): 08/20/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67612 67607 66851 67608 67613 67610 69625
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**			X	
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 8/26/14

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-14-0043			**Examination Date(s): 08/20/2014**	
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No observable liquids.
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-14-0043	Examination Date(s): 08/20/2014			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			8/25/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-RTR2-14-0043 ☑ CH ☐ RH Date: 08/20/2014

Waste Container ID Numbers	
Replicate Scan:	69625
Independent Observation:	67612
1	67612
2	67607
3	66851
4	67608
5	67613
6	67610
7	69625
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Michael Simmons		08/20/2014
Printed Name	Signature	Date

Independent Technical Reviewer:

AARON ELLIOTT		8/21/14
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 8/25/14

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-RTR2-14-0043 Date: 08/20/2014

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	N/A
6	CCP Independent Technical Reviewer Checklist	31

Batch Narrative

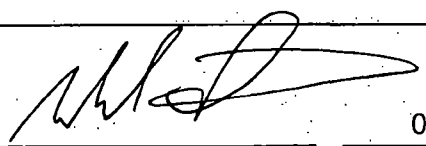
All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

Michael Simmons — RTR Operator

Signature

08/20/2014 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-RTR2-14-0043		
Examination Date: 08/20/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 8 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator: Michael Simmons (Printed Name)	 (Signature)	08/20/2014 (Date)

CCP Radiography Data Sheet

Section 1: General Information	
[ ] RTR Examination [X] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	69625
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 40.0 kg Tare Wt.: 33.4 kg Net Wt.: 6.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	25 %

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal pipe, scrap metal, hardware
AM:
OM:
OI:
C:
R:
XPM: Horsetail bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.6
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	6.6

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Replicate Scan agrees with the Original Scan.	
RTR Operator: Thad Hasselstrom (Print Name) / Thad Hasselstrom (Signature) / 8/20/2014 (Date)	

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67612
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 164.0 kg Tare Wt.: 142.1 kg Net Wt.: 21.9 kg
Rigid Liner and Liner Vent Description:	Liner: ☐ No ☒ Yes Lid: ☐ No ☒ Yes Type: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☒ Yes ☐ N/A Punctured: ☐ No ☒ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	10.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	0.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	11.4
Soils (S):	
Total WMP Weight:	219

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review.
Standard Pipe Overpack Container (P.O.C.)
There is separation between the liner and liner lid, therefore, the liner is vented.
This Independent Observation agrees with the Original Scan.

RTR Operator:

Thad Hasselstrom	Thad Hasselst	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67612
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 164.0 kg Tare Wt.: 142.1 kg Net Wt.: 21.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Filtered metal can with material, slip lid metal can with material
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Horsetail bag
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	8.9
Soils (S):	
Total WMP Weight:	21.9

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67607
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 160.0 kg Tare Wt.: 142.1 kg Net Wt.: 17.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67607

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	4.9
Soils (S):	
Total WMP Weight:	17.9

CCP Radiography Data Sheet

Waste Container ID: 67607

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.	
RTR Operator: Michael Simmons (Print Name) / Signature / 8/20/2014 (Date)	

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	66851
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 39.0 kg Tare Wt.: 27.7 kg Net Wt.: 11.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 66851

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R: Rubber gloves
XPM: Horsetail bags
OR:
IN:
S:

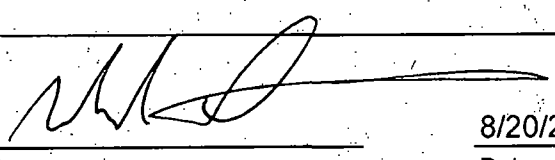
Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	9.3
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	11.3

CCP Radiography Data Sheet

Waste Container ID: 66851

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67608
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 161.0 kg Tare Wt.: 142.1 kg Net Wt.: 18.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67608

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	5.9
Soils (S):	
Total WMP Weight:	18.9

CCP Radiography Data Sheet

Waste Container ID: 67608

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67613
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 159.0 kg Tare Wt.: 142.1 kg Net Wt.: 16.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67613

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	3.9
Soils (S):	
Total WMP Weight:	16.9

CCP Radiography Data Sheet

Waste Container ID: 67613

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67610
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 161.5 kg Tare Wt.: 142.1 kg Net Wt.: 19.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67610

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	6.4
Soils (S):	
Total WMP Weight:	19.4

CCP Radiography Data Sheet

Waste Container ID: 67610

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	69625
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 40.0 kg Tare Wt.: 33.4 kg Net Wt.: 6.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal pipe, metal cap, metal hardware, scrap metal
AM:
OM:
OI:
C:
R:
XPM: Horsetail bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.6
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	6.6

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-RTR2-14-0043

	Description			
1.	Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 14	☐ NO	☑ YES	
3.	Are the WMPs entered correctly?	☐ NO	☑ YES	
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☑ YES	
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES	
6.	Has the data been verified for transcription errors?	☐ NO	☐ YES	☑ N/A
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES	
8.	BDR contents are complete and match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES	
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	
11.	All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES	☑ N/A
12.	Was justification made for changing the original data?	☐ NO	☐ YES	☑ N/A
13.	Were data changes made by the individual who originally collected the data?	☐ NO	☐ YES	☑ N/A
14.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES	
15.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES	
16.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	
17.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☑ YES	
18.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-RTR2-14-0043

Description				
19.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	
20.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☑ YES	
21.	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
22.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
23.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☑ YES	
24.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
25.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
26.	Was the data collection performed by qualified individuals?	☐ NO	☑ YES	
27.	Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☐ YES	☑ N/A
28.	QAOs (precision, accuracy, completeness, representativeness) have been met?	☐ NO	☑ YES	

Comments:
N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Aaron Ellzey — Printed Name

Signature

8/21/14 — Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-14-0043	BACKUP DVD B FOR RTR 2	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [✓]	[signature]	Jarrell Hurrabide	9-2-14
	Signature	Printed Name	Date
Records Rejected [ ]			
	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

Sending is complete.

Job No.          0161
Address          915056678321
Name             LANL
Start Time       09/02 11:35 AM
Call Length      00'18
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-14-0043	BACKUP DVD B FOR RTR 2	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Printed Name: Jarvell Hurrabie	Date: 9-2-14
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-14-0043	BDR FOR NDE RTR 2	08-20-14	32
LA-RTR2-14-0043	PRIMARY DVD A NDE RTR 2	08-20-14	N/A
	N/A		

Comments

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	[signature]	Jewell Hurable	9-2-14
	Signature	Printed Name	Date
Records Rejected [ ]			
	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

****
*** Send Results ***
****

Sending is complete.

Job No.	0160
Address	915056678321
Name	LANL
Start Time	09/02 11:34 AM
Call Length	00'19
Sheets	1
Result	OK

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220
Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095
Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-14-0043	BDR FOR NDE RTR 2	08-20-14	32
LA-RTR2-14-0043	PRIMARY DVD A NDE RTR 2	08-20-14	N/A
	N/A		

Comments

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Jewell Hurtado	9-2-14
		Printed Name	Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-RTR2-15-0001	Examination Date(s): 02/11/2015			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: S816674, 62152, 59454
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 5/13/15

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-15-0001			Examination Date(s): 02/11/2015	
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**	X			
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-15-0001	**Examination Date(s): 02/11/2015**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	T Groover			5-13-15
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-RTR2-15-0001 ☑ CH ☐ RH Date: 2/11/2015

Waste Container ID Numbers	
Replicate Scan:	59454
Independent Observation:	62152
1	S816674
2	62152
3	59454
4	N/A
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Aaron Elliott — Printed Name
Signature
2/11/2015 — Date

Independent Technical Reviewer:

THAO HASSELSTROM — Printed Name
Thad Hazelt — Signature
5-6-15 — Date

NTPC RECORDS ORIGINAL
DATE REC'D 5/6/15

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-RTR2-15-0001 Date: 2/11/2015

Table Of Contents		
Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	N/A
6	CCP Independent Technical Reviewer Checklist	19

Batch Narrative
All Quality Checks were performed and recorded on CCP-TP-053, Rev. 15, CCP Radiography Measurement Control Report.

Aaron Elliott — RTR Operator

Signature

2/11/2015 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-RTR2-15-0001		
Examination Date: 2/11/2015		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 8 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Aaron Elliott (Printed Name)	(Signature)	2/11/2015 (Date)

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	59454
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 31.0 kg Tare Wt.: 27.7 kg Net Wt.: 3.3 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal cans, scrap metal, metal lid
AM:
OM: Scrap lead
OI:
C:
R:
XPM: Plastic bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	0.8
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.3

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This Replicate Scan agrees with the Original Scan.
THIS DRUM CONTAINS METAL CANS WITH MATERIAL, WHICH MAY REQUIRE ADDITIONAL PROJECT OFFICE REVIEW.
5.6.15 BM

RTR Operator:		
Benito Maestas		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	62152
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.0 kg Tare Wt.: 36.1 kg Net Wt.: 41.9 kg
Rigid Liner and Liner Vent Description:	Liner: ☐ No ☒ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☒ 90-mil BM 5.6.15 ☐ 110-mil ☐ 125-mil Vented: ☐ No ☒ Yes ☐ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Open metal pipes, metal lids, scrap metal, metal hardware
AM:	
OM:	
OI:	
C:	Filter media
R:	
XPM:	Plastic sheeting, plastic bag
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): 90 Mil Rigid Liner and Liner Bag	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	25.9
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	12.0
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	41.9

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Independent Observation agrees with the Original Scan.	

RTR Operator:		
		5.6.15
Benito Maestas		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	S816674
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.5 kg Tare Wt.: 27.7 kg Net Wt.: 50.8 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	55 %

CCP Radiography Data Sheet

Waste Container ID: S816674

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Handtools, scrap metal
AM:	
OM:	Scrap lead
OI:	
C:	Coveralls, cloth
R:	
XPM:	Plastic bag,
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	8.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	30.0
Other Inorganic Materials (OI)	
Cellulosics (C):	10.8
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	50.8

CCP Radiography Data Sheet

Waste Container ID: S816674

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Aaron Elliott		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information		
[X] RTR Examination	[ ] RTR Replicate Scan	[ ] RTR Independent Observation
Site ID:	LANL	
Batch Number:	LA-RTR2-15-0001	
Examination Date:	2/11/2015	
Waste Container ID:	62152	
Video/Audio Recorded Media Number:	LA-RTR2-15-0001	A&B
Procedure and Revision No.:	CCP-TP-053	Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A	

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.0 kg Tare Wt.: 36.1 kg Net Wt.: 41.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes JAE 5/6/15 Lid: [X] No [ ] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Open metal pipes. Metal lids, scrap metal. Metal hardware
AM:	
OM:	
OI:	
C:	Filter media
R:	
XPM:	PLASTIC SPE 5/6/15 Plastic sheeting, ~~plastic~~ bag
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): 90 Mil Rigid Liner and Liner Bag	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	26.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	11.4
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	41.9

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:		
Aaron Elliott		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	59454
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 31.0 kg Tare Wt.: 27.7 kg Net Wt.: 3.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: metal cans, scrap metal, metal lid
AM:
OM: Scrap lead
OI:
C:
R:
XPM: Plastic bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	0.8
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.3

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: ~~N/A~~ JAE ~~+/-~~ 5/6/15 ~~JAE~~ 5/6/15
THIS DRUM CONTAINS METAL CANS WITH MATERIAL, WHICH MAY REQUIRE ADDITION PROJECT OFFICE REVIEW.

RTR Operator:		5/6/15
Aaron Elliott		2/11/2015
Print Name	Signature	Date

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-RTR2-15-0001

Description			
1.	Were data generation and reduction conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 15	☐ NO	☑ YES
3.	Are the WMPs entered correctly?	☐ NO	☑ YES
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☑ YES
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES
6.	Was transcription used? If no, proceed to question 7.	☑ NO	☐ YES
	6a. Has the data been verified for transcription errors?	☐ NO	☐ YES
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES
8.	Are BDR contents complete and do they match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES
11.	Have changes been made to original data? If no, proceed to question 12.	☐ NO	☑ YES
	11a. Have all changes to original data been lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES
	11b. Was justification made for changing the original data?	☑ NO	☐ YES
	11c. Were data changes made by the individual who originally collected the data?	☐ NO	☑ YES
12.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES
13.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES
14.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES
15.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☑ YES
16.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-RTR2-15-0001

Description		
17. Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐NO	☑YES
18. Was the Replicate Scan performed and recorded on an Attachment 2?	☐NO	☑YES
19. Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐NO	☑YES
20. Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐NO	☑YES
21. Was the Independent Observation performed and recorded on an Attachment 2?	☐NO	☑YES
22. Was the Independent Observation RTR Operator different from the first RTR Operator?	☐NO	☑YES
23. Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐NO	☑YES
24. Was the data collection performed by qualified individuals?	☐NO	☑YES
25. Were NCRs initiated as required at DGL? If no, proceed to question 26.	☑NO	☐YES
25a. Have the NCR(s) associated with RTR been included in the BDR?	☐NO	☐YES
26. Is the RTR examination for CH waste? If no, proceed to question 27.	☐NO	☑YES
26a. Have the CH Quality Assurance Objectives (QAOs) been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two radiography operators with regard to identification of the waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases through independent replicate scans and independent observations. Additionally, the precision of radiography is verified prior to use by tuning precisely enough to demonstrate compliance with QAOs through viewing an image test pattern. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify 100 percent of the items required to meet the DQOs for radiography specified in CCP-PO-001, Section C-4a(1) in a training container during their initial qualification and subsequent requalification. Completeness – A video and audio media recording of the radiography examination and a validated radiography data form will be obtained for 100 percent of the waste containers subject to radiography. All video and audio media recordings and radiography data forms will be subject to validation as indicated in CCP-PO-001, Section C3-4. Comparability – The comparability of radiography data from different operators shall be enhanced by using standardized radiography procedures and operator qualifications.	☐NO	☑YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-RTR2-15-0001

Description		
27. Is the RTR examination for RH waste? If no, proceed to comment section.	☑ NO	☐ YES
27a. Have the RH QAOs been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two operators (during Independent Observation and Replicate scans) with regard to the identification of important waste characteristics (i.e., physical form of the waste and absence of prohibited liquids) within a single container. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify prohibited liquid in a training container during their initial qualification and subsequent requalification. Representativeness – All of the relevant contents in a container selected for radiography will be described. Completeness – All of the relevant waste information must be assembled and must show that each of the containers in the waste stream belongs to the waste stream. This information must be documented on videotape or other equivalent media and data form. Comparability – Comparability is ensured by meeting the program training requirements and complying with the minimum standards used to implement the radiography process.	☐ NO	☐ YES

Comments: N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Printed Name	Signature	Date
PHAO HASSELSTROM	Phao Hasselstrom	5-6-15

DIVIDER

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NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-13-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	SPM CHECKLIST NDE RTR2	05-13-15	3
LA-RTR2-15-0001	BDR FOR NDE RTR2	02-11-15	21
LA-RTR2-15-0001	PRIMARY DVD A FOR NDE RTR2	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted ☑	Signature	Jewell Hurralde	05/18/2015.
		Printed Name	Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.                    4798
Address                    915056656753
Name                       TERRI ANN
Start Time                 05/18 01:49 PM
Call Length                00'17
Sheets                     1
Result                     OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

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	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-13-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	SPM CHECKLIST NDE RTR2	05-13-15	3
LA-RTR2-15-0001	BDR FOR NDE RTR2	02-11-15	21
LA-RTR2-15-0001	PRIMARY DVD A FOR NDE RTR2	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

		Signature	Printed Name	Date
Records Accepted	☑	[signature]	Jewell Hurrable	05/18/2015
Records Rejected	☐			

Reason for Rejection:

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-06-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	BACKUP DVD B FOR RTR	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted ☑	[signature]	Jewell Hurnalde	6/18/15.
	Signature	Printed Name	Date
Records Rejected ☐			
	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

****
*** Send Results ***
****

Sending is complete.

Job No.	4788
Address	915056656753
Name	TERRI ANN
Start Time	05/18 01:08 PM
Call Length	00'17
Sheets	1
Result	OK

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-06-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	BACKUP DVD B FOR RTR	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted ☑	[signature]	Lucas Hurralde	5/18/15
	Signature	Printed Name	Date
Records Rejected ☐			
	Signature	Printed Name	Date

Reason for Rejection:

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA14-OSR-VE-011				Examination Date(s): 06/25/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000067545
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X		QW 9/1/2015	
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	QW X 9/1/2015		~~X~~	~~No NCRs~~
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 11/10/14

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-011				**Examination Date(s): 06/25/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-011				**Examination Date(s): 06/25/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-011				**Examination Date(s):** 06/25/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			
Comments: ~~N/A~~ Rev 9/1/2015 NCR-LANL-0036-15 attached as SPM-1, SPM-2, SPM-3				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	T. A. Groover		11-6-14	
SPM Printed Name	Signature		Date	

Checklist is to be re-signed only when a re-review is performed.

Daniel Wade	Daniel Wade	Inserted corrections	9/1/2015
SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0036-15 **Revision 0**

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): ~~VE-OSR~~ VE 09/01/15 LRJ	3. Batch Data Report #(s): LA14-OSR-VE-011
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): LA00000067545
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-069, Rev 6, Section 4.3.1 "Complete the review checklist, by checking the appropriate box, Yes, No, or NA, for each item on Attachment 7, **AND** print name, sign, and date Attachment 7 for the VE BDR."

7c. Actual Condition:

Question one on ITR checklist requires the reviewer to enter the correct revision of the operating procedure; the correct revision was not entered in the appropriate box.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain: Container is not on site thus non accessible. Unable to hang NCR tag at this time.

8. NCR Originator:

Terri-Anne Groover (printed name) — Groover (signature) — 9/1/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: A

11. Responsible Manager: Terri-Anne Groover

12. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

13. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

14. QA Engineer or QA Designee validation:

Laura R Jones (printed name) — Laura Ramon Jones (signature) — 09/01/2015 (date)

SPM-1
QW 9/1/2015

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0036-15 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

SPM-2
QA 7/1/20

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0036-15 **Revision 0**

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]

N/A

☐ Reject ☒ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

1. ITR enter correct revision for first question on ITR checklist.
2. ITR Re-sign cover page and ITR checklist
3. SPM re-review corrections.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Groover		9/1/15

21. QA Engineer or QA Designee:

printed name	signature	date
Laura R Jones	Laura Ramon Jones	9/01/15

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

SPM-3
QAJ 9/1/2015

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA14-OSR-VE-011	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000067545	11	NA
2	NA	12	NA
3	NA	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

JUSTIN M. GRIFFIN (Printed Name) — (Signature) — 29OCT14 (Date)

JUSTIN M. GRIFFIN — (Signature) — 01SEP15

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 11/3/14

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA14-OSR-VE-011

Table of Contents

Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	8
6	List of Acceptable Knowledge Documentation Identifier	9
7	List of Sources in Special Form Capsules	22A
8	Copy of Radiological Contamination Surveys	28
9	List of Special Form Documentation	31
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	33

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

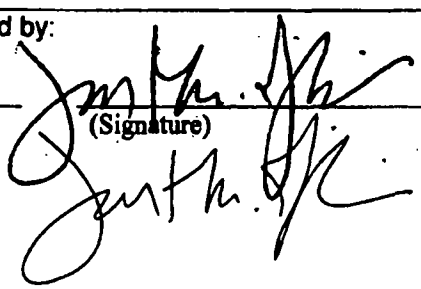
VE BDR LA14-QSR-VE-011

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☒Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6.
☐Yes ☐No ☒NA	2. Deviations, if any, have been documented: (Choose NA if there were no deviations.)
☒Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☒Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☒Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☒Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☒Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☒Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☒Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☒Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☒NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☒Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☒Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☒Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: NONE	

Independent Technical Review conducted by:

JUSTIN M. GRIFFIN — VE Independent Technical Reviewer (Printed Name)



(Signature)

29OCT14 (Date)

JUSTIN M. GRIFFIN

01SEP15

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-OSR-VE-011

Container Identifier	**LA00000067545**
Printed name of VE Packager	Michael Gurley
Printed name of VE Recorder	Ioana Witkowski

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: _X__ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL 019 EPD • Drum lid filter serial number: BF-154 • Drum lid filter manufacture date: 2/05 • POC lid filter model: UT 9400 • POC lid filter serial number: 027543 • POC lid filter manufacture date: JUL. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 037909 • Calibration due date of torque wrench 4/10/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 037909 • Calibration due date of torque wrench 4/10/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-011

Container Identifier **LA00000067545**

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SF-7, 241Am	OM	1724	None
2	SF-8, 241Am	OM	1724	None
3	SF-9, 241Am	OM	1089	None
4	III-1-085, 241Am	OM	3090	None
5	JLS-A-0646-4786-1, 241Am	OM	18960	None
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	26.6kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon drum, if any.	NA☐ None☐ 8kg	Description: Cane Fiberboard	WMP: C
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	152.4kg		
Total estimated weight (kg) for loaded container.	187.0kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-011 Page 3 of 3

Container Identifier **LA00000067545**

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Gurley — Printed Name VE Packager

Michael Gurley — Signature

6-25-14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Ioana Witkowski — Printed Name VE Recorder

Ioana Witkowski — Signature

6/25/14 — Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component	Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No.	LA00000067545
1074LX	Source Certificate Record Numbers: 04568
1594	Isotope Source Markings Activity Source Markings Markings: 1594; Am241; 300mCi; 3/29/88; CEA
1Q770	Isotope Source Markings Activity Source Markings Markings: 1Q770; 241Am; 10uCi; Amersham
3158LV	Isotope Source Markings Activity Source Markings Markings: 3158LV; Am241; 1Ci; Al Comments: Amersham
5837	Isotope Source Markings Activity Source Markings Markings: 5837; Am241;500mCi; Model AMCK946; 8-9-73
6967LX	Source Certificate Record Numbers: 04567
7001	Source Certificate Record Numbers: 00750
8953LA	Source Certificate Comments: Record Numbers: 04575

A1035

Isotope	Activity
Other Doc	Other Doc

Comments: NRC License; Model A-1 Eon Corp.

Record Numbers: 00958

A-461

Source Certificate

Record Numbers: 04567

A-462

Source Certificate

Record Numbers: 04567

A-463

Source Certificate

Record Numbers: 04567

B1522

Isotope	Activity
Source Markings	Source Markings

Markings: B1522; 241Am; 10uCi; Amersham

C 4592

Isotope	Activity
Source Markings	Source Markings

Markings: C4592; Am241; 10 Ci; TRC

Comments: Amersham

DU211

Isotope	Activity
Source Markings	Source Markings

Markings: Am-241; 370 kBq (10uCi); DU 211; Amersham

Geisinger-1

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham

Record Numbers: 19979

JLS-A-0646-4786-1

Isotope	Activity
Other Doc	Other Doc

Comments: Special Form Capsule Certification

Record Numbers: 00956

Lukes-1	**Isotope** NRC Registry Comments: Amersham Record Numbers: 19979	**Activity** NRC Registry
NITON AMM.4-01	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-02	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-03	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-04	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-05	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-06	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-07	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry

NITON AMM.4-08

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-09

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-10

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-11

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-12

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-13

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-14

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-15

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-16

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-17

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-18

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-19

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-20

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-21

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-22

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-23

Isotope
NRC Registry

Activity
NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-24

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-25

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-26

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-27

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-28

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-29

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-30

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-31

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-32

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-33

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-34

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-35

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-36

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-37

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-38

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-39

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-40	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-41	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-42	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-43	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-44	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-45	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-46	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-47	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry

NITON AMM.4-48	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	
NITON AMM.4-49	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	
NITON AMM.4-50	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	
NITON AMM.4-51	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	
NITON AMM.4-52	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	
NITON AMM.4-53	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	
NITON AMM.4-54	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	
NITON AMM.4-55	**Isotope** NRC Registry	**Activity** NRC Registry
	Comments: Amersham Model AMM.4	
	Record Numbers: 03252	

NITON AMM.4-56	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-57	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-58	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-59	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-60	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-61	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-62	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-63	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry

NITON AMM.4-64	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-65	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-66	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-67	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-68	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-69	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-70	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-71	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry

NITON AMM.4-72

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-73

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-74

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-75

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-76

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-77

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-78

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-79

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-80

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-81

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

SRM-4904-C

Source Certificate

Comments: National Bureau of Standards Cert

Record Numbers: 04567

Unknown (Cal State)

Isotope	Activity
Other Doc	Other Doc

Comments: Amersham Model XN45; Amersham data book

Record Numbers: 00145

Z3127

Isotope	Activity
Source Markings	Source Markings

Markings: Z3127; AMCW233; Am241; 10 Ci;TRC
Comments: Amersham

Z3128

Isotope	Activity
Source Markings	Source Markings

Markings: Z3128; Am241; 10Ci; TRC
Comments: Amersham

Z3631

Source Certificate

Comments: AME Cert

Record Numbers: 04567

Z4320

Isotope	Activity
Source Markings	Source Markings

Markings: Z4320; Am241; 10Ci; TRC
Comments: Amersham

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067545					
III-1-085					
	Geisinger Medical Center	1074LX	241Am	0.00	0.00
	Shaw Industries Group, Inc. Plant DJ	1594	241Am	0.09	0.30
	Marino Ware	3158LV	241Am	0.30	1.00
	Westinghouse Churchill Site	6967LX	241Am	0.00	0.01
	Mercy Suburban Hospital	8953LA	241Am	0.00	0.01
	Westinghouse Churchill Site	A-461	241Am	0.00	0.00
	Westinghouse Churchill Site	A-462	241Am	0.00	0.00
	Westinghouse Churchill Site	A-463	241Am	0.00	0.00
	Geisinger Medical Center	Geisinger-1	241Am	0.00	0.01
	St. Luke's Hospital - Bethlehem	Lukes-1	241Am	0.00	0.01
	Westinghouse Churchill Site	SRM-4904-C	241Am	0.00	0.00
	Westinghouse Churchill Site	Z3631	241Am	0.03	0.10
Total Sources in SFCIII-1-085 (12 sources)					
Sum				***0.43***	***1.45***
SF-7					
	Imaging Sciences International Inc.	7001	241Am	0.00	0.00
	Brookhaven National Laboratory	B1522	241Am	0.00	0.00
	LANL ISR-1	DU211	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-01	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-02	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-03	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-04	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-05	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-06	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-07	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-08	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-09	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-10	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-11	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-12	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-13	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-14	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-15	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-16	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-17	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-18	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-19	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-20	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-21	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-22	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-23	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-24	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-25	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-26	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-27	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-28	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-29	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-30	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-31	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-32	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-33	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-34	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-35	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-36	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-37	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-38	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-39	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-40	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-41	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-42	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-43	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-44	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-45	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-46	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-47	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-48	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-49	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-50	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-51	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-52	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-53	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-54	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-55	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-56	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-57	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-58	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-59	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-60	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-61	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-62	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-63	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-64	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-65	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-66	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-67	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-68	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-69	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-70	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-71	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-72	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-73	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-74	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-75	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-76	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-77	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-78	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-79	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-80	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-81	241Am	0.00	0.00
Total Sources in SFCSF-7 (84 sources)					
Sum				*0.00*	*0.00*

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
SF-8					
	Brookhaven National Laboratory	1Q770	241Am	0.00	0.00
	LAC+USC Medical Center	A1035	241Am	0.01	0.03
	Eckert & Ziegler Isotope Products	Unknown (Cal State)	241Am	0.01	0.03
	LAC+USC Medical Center	Z4320	241Am	2.88	10.00
Total Sources in SFCSF-8 (4 sources)					
Sum				***2.90***	***10.06***
SF-9					
	General Nucleonics	5837	241Am	0.14	0.50
	University of California San Francisco	C 4592	241Am	2.88	10.00
	VA Medical Center - San Francisco	Z3127	241Am	3.01	10.00
	University of Chicago	Z3128	241Am	2.88	10.00
Total Sources in SFCSF-9 (4 sources)					
Sum				***8.92***	***30.50***
Total Sources in SFCs in LA00000067545 (104 sources)					
Sum				***12.24***	***42.01***
Grand Total				***12.24***	***42.01***

Contamination Surveys

DSESH TA-55 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 6-23-14 thru 6-27-14 No. of Samples: 100 (138)
TA: N/A Bldg: N/A Rm: N/A
RCT: Craig Checketts Z Number: 253206
RCT Signature: [signature] MS: E-503
Phone: 505-664-5501 Fax: N/A

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF	BKG	MDA
Alpha 43-10-1	13665	10/9/2014	35.20	1	4.27	15.7 dpm
Beta 43-10-1	13665	10/8/2014	35.60	1	235	88.69 dpm
SHP 270	12901	7/22/2014	N/A	N/A	0.5	~0.1mr/hr
SNRD	13115	2/21/2015	N/A	N/A	0.1	0.25 mR/hr

☐ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job
☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment
☑ Non-Routine / Other: OSR-NSSI, Houston, TX

COMMENTS

SAMPLE TRACKING NUMBER

ADDITIONAL INFORMATION

RWP No.: N/A Incident No.: N/A

RP-1 REVIEW BY

Mark Bayless

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Prejob survey Countertop	NDA	NDA	NDA	NDA	N/A						
2	Prejob survey Countertop	NDA	NDA	NDA	NDA	N/A						
3	Prejob survey Shielding	NDA	<MDA	NDA	NDA	N/A						
4	Prejob survey Countertop	<MDA	<MDA	NDA	NDA	N/A						
5	Prejob survey Countertop	NDA	NDA	NDA	NDA	N/A						
6	Prejob survey Shielding	NDA	NDA	NDA	NDA	N/A						
7	Prejob survey Cart	NDA	NDA	11.1	NDA	N/A						
8	Prejob survey Cart	NDA	NDA	NDA	NDA	N/A						
9	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
10	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
11	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
12	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
13	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
14	Prejob survey Floor	NDA	<MDA	NDA	NDA	N/A						
15	Prejob survey RCT work area	NDA	<MDA	NDA	NDA	N/A						

*dpm/100 cm²

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DSESH TA-55 RADIOLOGICAL SURVEY FORM

DSESH Survey Number: 0

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
41	LA84013 Bottom/Ring	<MDA	<MDA	NDA	NDA	N/A						
42	Drum LA67545 Inside Top	NDA	NDA	NDA	NDA	N/A						
43	Drum LA67545 Packing Material	NDA	NDA	NDA	NDA	N/A						
44	Drum LA67545 Inside Pipe	NDA	NDA	NDA	NDA	N/A						
45	Am241 SF7, SF8, SF9, JLS-A-0646-4788-1	911	91	N/A	N/A	N/A						
46	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
47	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
48	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
49	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
50	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
51	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
52	Channel Locks	NDA	NDA	NDA	NDA	N/A						
53	Tweezers	22	NDA	N/A	N/A	N/A						
54	Ruler	5	17	NDA	NDA	N/A						
55	Cell Phone	NDA	NDA	NDA	NDA	N/A						
56	Cell Phone Case	NDA	NDA	7.7	NDA	N/A						
57	Am241 Sources going into SFC III-1-085	18	NDA	NDA	NDA	N/A						
58	SFC III-1-085	NDA	NDA	NDA	NDA	N/A						
59	black source bucket	NDA	NDA	NDA	NDA	N/A						
60	black source bucket	NDA	NDA	NDA	NDA	N/A						
61	Drum LA67545 Top/Ring	NDA	NDA	NDA	NDA	N/A						
62	Drum LA67545 Side/Seam	NDA	NDA	NDA	NDA	N/A	2	8	N/A	N/A	0.2	1.5
63	Drum LA67545 Bottom/Ring	NDA	NDA	NDA	NDA	N/A						
64	Cm244 SFC III-1-351	NDA	NDA	NDA	NDA	N/A	0.7	21	N/A	N/A	N/A	N/A
65	Cm244 SFC III-1-297	NDA	NDA	NDA	NDA	N/A	0.1	3	N/A	N/A	N/A	N/A

*dpm/100 cm²

A TW 10/2/14

Special Form Documentation

Appendix D
Special Form Certificate Status

Serial No	Source Model	Certificate No	Revision	Expiration Date
LA00000067545 (1 Source)				
	JLS-A-0646-4786-1	Source Specific		

Other Information

Drum number LA00000067545 of BDR LA14-OSR-VE-011 and LA14-OSR-CH-011: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list. How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
5) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: ERID Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The ERID numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	ERID Number	AK Source Document
LA00000067545	ERID- 261989	M325

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Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA15-OSR-VE-001				**Examination Date(s): 11/19/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000067577, LA00000067582
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 4/15/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-001				**Examination Date(s): 11/19/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-001				Examination Date(s): 11/19/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-001				Examination Date(s): 11/19/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	TGroover			4/15/15
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA15-OSR-VE-001	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000067577	11	NA
2	LA00000067582	12	NA
3	NA	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

Leonard Manzanares — 3/24/2015

(Printed Name) (Signature) (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 3/25/15

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA15-OSR-VE-001

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	11
6	List of Acceptable Knowledge Documentation Identifier	12
7	List of Sources in Special Form Capsules	20
8	Copy of Radiological Contamination Surveys	23
9	List of Special Form Documentation	NA
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	26

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

VE BDR LA15-OSR-VE-001

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☑Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6.
☐Yes ☐No ☑NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☑Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☑Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☑Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☑Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☑Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☑Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☑Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☑Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☑NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☑Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☑Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☑Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: N/A	

Independent Technical Review conducted by:

Leonard Manzanares — VE Independent Technical Reviewer (Printed Name)

(Signature)

3/24/2015 (Date)

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA15-OSR-VE-001

Container Identifier	LA00000067577
Printed name of VE Packager	Frank Cocina
Printed name of VE Recorder	Michael Gurley

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL 013 • Drum lid filter serial number: LC-832 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT-9400 • POC lid filter serial number: 026028 • POC lid filter manufacture date: FEB, 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-001 Page 2 of 3

Container Identifier **LA00000067577**

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SFC II-1-680, Am241, Am241Be	OM	7200	None
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A

Total estimated weight (kg) for each WMP listed for above items.	7.2		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon drum, if any.	NA☒ None☐ kg	Description: N/A	WMP: N/A
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg		
Total estimated weight (kg) for loaded container.	226.4kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-0SR-VE-001 Page 3 of 3

Container Identifier **LA00000067577**

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials; or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Frank Cocina — Printed Name VE Packager — Signature — 11/19/2014 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Gurley — Printed Name VE Recorder — Signature — 11-19-2014 Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA15-OSR-VE-001 Page 1 of 3

Container Identifier	LA00000067582
Printed name of VE Packager	Frank Cocina
Printed name of VE Recorder	Michael Gurley

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-932 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT 9400 • POC lid filter serial number: 026683 • POC lid filter manufacture date: APR. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-001 Page 2 of 3

Container Identifier **LA00000067582**

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SFC II-1-692, 241Am	OM	7200	None
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A

Total estimated weight (kg) for each WMP listed for above items.	7.2kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon drum, if any.	NA☒ None☐ kg	Description	WMP
		N/A	N/A
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg		
Total estimated weight (kg) for loaded container.	226.4kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA1S-OSR-VE-001 Page 3 of 3

Container Identifier **LA00000067582**

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of containment.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Frank Cocina — Printed Name VE Packager

Signature

11/19/2014 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Gurley — Printed Name VE Recorder

Signature

11-19-14 — Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component	Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000067577**

1026A check

Isotope **Activity**
Source Markings Source Markings
Markings: 0.01mCi Am241 14 Jun 73

A-15

Isotope **Activity**
Source Markings Source Markings
Markings: A-15 Am241Be 500mCi MAR 73

A-56

Isotope **Activity**
Source Markings Source Markings
Markings: A-56 Am241Be 500mCi JAN 75

A-59

Isotope **Activity**
Source Markings Source Markings
Markings: A-59 Am241Be 500mCi JAN 75

A-70

Isotope **Activity**
Source Markings Source Markings
Markings: A-70 Am241Be 500mCi FEB 75

A-74

Isotope **Activity**
Source Markings Source Markings
Markings: A-74 Am241Be 500mCi JAN 75

AML507

Isotope **Activity**
Source Markings Source Markings
Markings: AML507 Am241 1500mCi TRC FEB 1972

AML508

Isotope **Activity**
Source Markings Source Markings
Markings: AML508 Am241 1500mCi TRC FEB 1972

AO 419

Isotope
Source Markings

Activity
Source Markings

Markings: AO 419 Am241Be 1Ci 06/98 AI

AO 424

Isotope
Source Markings

Activity
Source Markings

Markings: AO 424 Am241Be 1 Ci 4/98 AI

AO 428

Isotope
Source Markings

Activity
Source Markings

Markings: AO 428 Am241Be 1Ci 06/98 AI

MRC AMBE 1250

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 1250 Am241Be 500mCi DEC 73

MRC AMBE 2520

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2520 Am241Be 1Ci 4/29/75

MRC AMBE 2521

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2521 Am241Be 1Ci 4/29/75

MRC AMBE 2522

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2522 Am241Be 1Ci 4/29/75

MRC AMBE 2632

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2632 Am241Be 1Ci 6/1/76

MRC AMBE 2633

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2633 Am241Be 1Ci 6/1/76

S-1731

Isotope
Source Markings

Activity
Source Markings

Markings: S-1731 Am241 30mCi 14Jun73

Source Serial No. **LA00000067582**

1138LV

Isotope
Source Markings

Activity
Source Markings

Markings: 1138LV Am241 Al 1Ci

1499LV

Isotope
Source Markings

Activity
Source Markings

Markings: 1499LV Am241 3000mCi 11/84 Amersham

1602LA

Isotope
Source Markings

Activity
Source Markings

Markings: 1602LA Am241 1Ci TRC
Comments: Amersham

1606LA

Isotope
Source Markings

Activity
Source Markings

Markings: 1606LA TRC Am241 1Ci
Comments: Amersham

1966LA

Isotope
Source Markings

Activity
Source Markings

Markings: 1966LA TRC Am241 1mCi
Comments: Amersham

1967LA

Isotope
Source Markings

Activity
Source Markings

Markings: 1967LA TRC Am241 1mCi
Comments: Amersham

2288LV

Isotope
Source Markings

Activity
Source Markings

Markings: 2288LV Am241 1Ci 5/15/85 Al

2411LV

Isotope
Source Markings
Markings: 2411LV Am241 Al 1Ci

Activity
Source Markings

2660LA

Isotope
Source Markings
Markings: 2660LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

2661LA

Isotope
Source Markings
Markings: 2661LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

2681LV

Isotope
Source Markings
Markings: 2681LV Am241 Al 1Ci

Activity
Source Markings

3033LX

Isotope
Source Markings
Markings: 3033LX Am241 Al 1 Ci

Activity
Source Markings

3035LX

Isotope
Source Markings
Markings: 3035LX Am241 Al 1 Ci

Activity
Source Markings

3044LX

Isotope
Source Markings
Markings: 3044LX Am241 Al 1Ci

Activity
Source Markings

3599LV

Isotope
Source Markings
Markings: 3599LV Am241 Al 1Ci

Activity
Source Markings

3989LV

Isotope
Source Markings
Markings: 3989LV Am241 Al 1Ci

Activity
Source Markings

5154

Isotope
Source Markings
Markings: 5154 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

5156

Isotope
Source Markings
Markings: 5156 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

5222LA

Isotope
Source Markings
Markings: 5222LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5226LA

Isotope
Source Markings
Markings: 5226LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5227LA

Isotope
Source Markings
Markings: 5227LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5229LA

Isotope
Source Markings
Markings: 5229LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5320

Isotope
Source Markings
Markings: 5320 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

5321

Isotope
Source Markings
Markings: 5321 AMC 1mCi
Comments: Amersham, AMC2/X10

Activity
Source Markings

Record Numbers: 03959, 02069

6894LA

Isotope
Source Markings
Markings: 6894LA Am241 Al 1Ci

Activity
Source Markings

6899LA

Isotope
Source Markings
Markings: 6899LA Am241 Al 1 Ci

Activity
Source Markings

7656LQ

Isotope
Source Markings
Markings: 7656LQ Am241 Al 5Ci

Activity
Source Markings

7658LQ

Isotope
Source Markings
Markings: 7658LQ Am241 Al 5Ci

Activity
Source Markings

8221LQ

Isotope
Source Markings
Markings: 8221LQ Am241 Al 5Ci

Activity
Source Markings

8288/15

Isotope
Source Markings
Markings: 8288/15 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

8828/26

Isotope
Source Markings
Markings: 8828/26 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

A-739

Isotope
Source Markings
Markings: A-739 AMC Am241 1/80 1mCi

Activity
Source Markings

AOL2

Isotope
Source Markings
Markings: AOL2 Am241 1mCi 4/80

Activity
Source Markings

S-2888

Isotope
Source Markings

Activity
Source Markings

Markings: S-2888 Am241 100mCi 8/75

S-2889

Isotope
Source Markings

Activity
Source Markings

Markings: S-2889 100mCi Am241 8/18/75

Z-1947

Isotope
Source Markings

Activity
Source Markings

Markings: Z-1947 TRC Am241 100mCi
Comments: Amersham

Z-1951

Isotope
Source Markings

Activity
Source Markings

Markings: Z-1951 TRC Am241 100mCi
Comments: Amersham

Sources in Special Form Capsule

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067577					
II-1-680					
	MCM Management Corporation	1026A check	241Am	0.58	0.00
	MCM Management Corporation	A-15	241Am/Be	0.29	0.50
	MCM Management Corporation	A-56	241Am/Be	0.14	0.50
	MCM Management Corporation	A-59	241Am/Be	0.14	0.50
	MCM Management Corporation	A-70	241Am/Be	0.14	0.50
	MCM Management Corporation	A-74	241Am/Be	0.14	0.50
	MCM Management Corporation	AML507	241Am	0.43	1.50
	MCM Management Corporation	AML508	241Am	0.58	1.50
	MCM Management Corporation	AO 419	241Am/Be	0.29	1.00
	MCM Management Corporation	AO 424	241Am/Be	0.29	1.00
	MCM Management Corporation	AO 428	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 1250	241Am/Be	0.14	0.50
	MCM Management Corporation	MRC AMBE 2520	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2521	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2522	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2632	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2633	241Am/Be	0.29	1.00
	MCM Management Corporation	S-1731	241Am	0.01	0.03
Total Sources in SFCII-1-680 (18 sources)					
Sum				***4.91***	***14.03***
Total Sources in SFCs in LA00000067577 (18 sources)					
Sum				***4.91***	***14.03***
LA00000067582					
II-1-692					
	MCM Management Corporation	1138LV	241Am	0.29	1.00
	MCM Management Corporation	1499LV	241Am	0.86	3.00
	MCM Management Corporation	1602LA	241Am	0.29	1.00
	MCM Management Corporation	1606LA	241Am	0.29	1.00
	MCM Management Corporation	1966LA	241Am	0.00	0.00
	MCM Management Corporation	1967LA	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	MCM Management Corporation	2288LV	241Am	0.29	1.00
	MCM Management Corporation	2411LV	241Am	0.29	1.00
	MCM Management Corporation	2660LA	241Am	0.29	1.00
	MCM Management Corporation	2661LA	241Am	0.29	1.00
	MCM Management Corporation	2681LV	241Am	0.29	1.00
	MCM Management Corporation	3033LX	241Am	0.29	1.00
	MCM Management Corporation	3035LX	241Am	0.29	1.00
	MCM Management Corporation	3044LX	241Am	0.29	1.00
	MCM Management Corporation	3599LV	241Am	0.29	1.00
	MCM Management Corporation	3989LV	241Am	0.29	1.00
	MCM Management Corporation	5154	241Am	0.00	0.00
	MCM Management Corporation	5156	241Am	0.00	0.00
	MCM Management Corporation	5222LA	241Am	0.29	1.00
	MCM Management Corporation	5226LA	241Am	0.29	1.00
	MCM Management Corporation	5227LA	241Am	0.29	1.00
	MCM Management Corporation	5229LA	241Am	0.29	1.00
	MCM Management Corporation	5320	241Am	0.00	0.00
	MCM Management Corporation	5321	241Am	0.00	0.00
	MCM Management Corporation	6894LA	241Am	0.29	1.00
	MCM Management Corporation	6899LA	241Am	0.29	1.00
	MCM Management Corporation	7656LQ	241Am	1.44	5.00
	MCM Management Corporation	7658LQ	241Am	1.44	5.00
	MCM Management Corporation	8221LQ	241Am	1.44	5.00
	MCM Management Corporation	8288/15	241Am	0.00	0.00
	MCM Management Corporation	8828/26	241Am	0.00	0.00
	MCM Management Corporation	A-739	241Am	0.00	0.00
	MCM Management Corporation	AOL2	241Am	0.00	0.00
	MCM Management Corporation	S-2888	241Am	0.03	0.10
	MCM Management Corporation	S-2889	241Am	0.03	0.10
	MCM Management Corporation	Z-1947	241Am	0.03	0.10
	MCM Management Corporation	Z-1951	241Am	0.03	0.10
Total Sources in SFCII-1-692 (37 sources)					
Sum				*10.78*	*37.41*
Total Sources in SFCs in LA00000067582 (37 sources)					
Sum				*10.78*	*37.41*
Grand Total				*15.69*	*51.44*

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 11/19/14 No. of Samples: 40

TA: 0 0 Rm: n/a

RCT: Billy Terrazas Z Number: 115030

RCT Signature: MS: E541

Phone: 5-9238 Fax: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13652	2/10/2015	0.3890	1	3.8	20.00
Beta S43-10-1	13852	2/10/2015	0.3540	1	159.6	130.78
SHP270	13692	7/16/2015	n/a	n/a	1	<0.1
SNRD	13121		n/a	n/a	<0.1	0.25

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☐ EARS COUNTED IN FIELD

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☑ Onsite Shipment

☐ Non-Routine / Other: MCM Sparrows Point Metals, Baltimore ,Md.

FIELD SMEAR COUNTER MDA (dpm)

alpha: 20.00

beta: 130.78

SAMPLE TRACKING NUMBER

29147204

RP-1 REVIEW BY

Mark Baylor

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a Incident No.: n/a

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	pre-job floor	nda	nda	nda	14.3	n/a						
2	pre-job table	nda	nda	6.4	nda	n/a						
3	pre-job floor	nda	nda	nda	nda	n/a						
4	pre-job wk table	nda	nda	nda	nda	n/a						
5	pre-job floor	nda	nda	nda	nda	n/a						
6	leak test 241Am sources	50	nda	86	13.6	n/a						
7	leak test 241Am sources	nda	nda	nda	nda	n/a						
8	leak test 241Am sources	nda	nda	nda	nda	n/a						
9	SFC-II-1-692 w/241Am	nda	nda	nda	nda	n/a						
10	Drum LA 67582 w/SFC II-1-692 top	nda	nda	nda	nda	n/a						
11	Drum LA 67582 w/SFC II-1-692 ring	nda	nda	nda	nda	n/a						
12	Drum LA 67582 w/SFC II-1-692 side	nda	nda	nda	nda	n/a	0.7	n/a	0.1	n/a	0.1	n/a
13	Drum LA 67582 w/SFC II-1-692 side	nda	nda	nda	nda	n/a						
14	Drum LA 67582 w/SFC II-1-692 btm	nda	nda	nda	nda	n/a						
15	leak test 241AmBe sources	200	nda	nda	nda	n/a						

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147204

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (uR/hr)	neutron (mrem/hr)	gamma (uR/hr)	neutron (mrem/hr)	gamma (uR/hr)	neutron (mrem/hr)
16	leak test 241AmBe source	nda	nda	10.4	nda	n/a	0.1	n/a	0.1	n/a	0.1	n/a
17	pig	nda	nda	7.3	nda	n/a						
18	pig	nda	nda	nda	nda	n/a						
19	leak test 241Am sources	nda	nda	nda	nda	n/a						
20	post-job SFC kit	nda	nda	nda	nda	n/a						
21	post-job tags	nda	nda	nda	nda	n/a						
22	SFC II-1-681 (Failed)	nda	nda	nda	nda	n/a						
23	SFC II-1-680 w/241AmBe,241Am	nda	nda	19.6	nda	n/a						
24	post-job OSR tools	nda	nda	nda	nda	n/a						
25	post-job OSR tools	nda	nda	nda	nda	n/a						
26	post-job OSR tools	nda	nda	nda	nda	n/a						
27	Drum LA 67577 w/SCF II-1-680 top	nda	nda	nda	nda	n/a						
28	Drum LA 67577 w/SCF II-1-680 ring	nda	nda	nda	nda	n/a						
29	Drum LA 67577 w/SCF II-1-680 side	nda	nda	nda	nda	n/a	12.0	19.1			1.0	2.4
30	Drum LA 67577 w/SCF II-1-680 side	nda	nda	nda	nda	n/a						
31	Drum LA 67577 w/SCF II-1-680 btm	nda	nda	nda	nda	n/a						
32	leak test 238Pu6Li	nda	nda	nda	nda	n/a						
33	post-job OSR tools	nda	nda	nda	nda	n/a						
34	post-job OSR tools	nda	nda	nda	nda	n/a						
35	post-job work table	nda	nda	nda	nda	n/a						
36	Drum sn 12std-3291 w/238Pu6Li top	nda	nda	nda	nda	n/a						
37	Drum sn 12std-3291 w/238Pu6Li ring	nda	nda	nda	nda	n/a						
38	Drum sn 12std-3291 w/238Pu6Li side	nda	nda	nda	nda	n/a	0.6	1.4			0.2	0.4
39	Drum sn 12std-3291 w/238Pu6Liside	nda	nda	nda	nda	n/a						
40	Drum sn 12std-3291 w/238Pu6Li btm	nda	nda	nda	nda	n/a						

*dpm/100 cm²

Other Information

Drum number LA00000067577 and LA00000067582 of BDR LA15-OSR-VE-001 and LA15-OSR-CH-001: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list. How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
5) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST.1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000067577	LA-UR-15- 21784	M329
LA00000067582	LA-UR-15- 21784	M329

DIVIDER PAGE ONLY

Not Part of Page Count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	04-15-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA15-OSR-VE-001	SPM CHECKLIST OSR VE	04-15-15	4
LA15-OSR-VE-001	BDR OSR VE	11-19-14	28
	N/A		

Comments:

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted ☑ — Signature: [signature] Printed Name: Jewell Hurrade Date: 4/24/15

Records Rejected ☐ — Signature: _____ Printed Name: _____ Date: _____

Reason for Rejection:

Re-submittal: Signature: _____ Printed Name: _____ Date: _____

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.                    3548
Address                    915056656753
Name                       TERRI ANN
Start Time                 04/27 11:35 AM
Call Length                00'30
Sheets                     1
Result                     OK
```


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CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

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Document Number	Title / Description	Record Date	Total Pages
LA15-OSR-VE-001	SPM CHECKLIST OSR VE	04-15-15	4
LA15-OSR-VE-001	BDR OSR VE	11-19-14	28
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted ☑	Signature	Jewell Hurnado (Printed Name)	4/24/15 (Date)
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE550142				**Examination Date(s): 07/23/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67663
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs.
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 8/7/14 N

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550142				Examination Date(s): 07/23/2014
Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No observable liquid.
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550142				**Examination Date(s): 07/23/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**			X	
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not a LANL Sealed Source.
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550142				Examination Date(s): 07/23/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
Comments: NONE				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			8/1/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE550142 Examination Date: 7-23-14

	Waste Container ID Number:
1	67663
2	
3	
4	
5	
6	
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9	
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11	
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13	
14	
15	
16	
17	
18	
19	
20	

N/A

7-23-14

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	7-24-14
Print Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 7/28/14

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVE550 142 Examination Date: 7-23-14

Table of Contents

Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination General Information Form	3
4	CCP Waste Visual Examination Data Forms	4
5	CCP Waste VE Independent Technical Reviewer Checklist	9
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550142

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 7-23-14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 100523 Calibration Due Date: 6-11-15 Operational Check: ☑ SAT ☐ UNSAT

Comments:

The VEE has determined not to use the VE scale.

Visual Examination Operator 1:		
James E. Thompson		7-23-14
Print Name	Signature	Date
Visual Examination Operator 2:		
Jason Krylowicz		7-23-14
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550142

Section 1 - Output Waste Container Data

Input Waste Container ID, as applicable: N/A

Output Waste Container ID: 67663 | Waste Stream ID: LA-mHD01.001

Container Type: 55gal.drum | TRUCON Code: LA225 | Waste Matrix Code: S5400

Audio/Video Media Recording Number: ☑ N/A

Waste Container Weights:
Tare Wt: 34.4 kg. Gross Wt: 111.3 kg.

Rigid Liner Present? ☐ NO ☑ YES
Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other:
Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil

Rigid Liner Lid Present? ☑ NO ☐ YES
Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A
☐ Vented: Hole Size: ☑ N/A
☐ Filtered: Model No.: ☑ N/A
Serial No.: ☑ N/A

Bag Liner Present? ☐ NO ☑ YES

Volume Utilization Percentage: 100 %

Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])?
☐ NO ☑ YES

Does the physical form of the waste match the Waste Matrix Code?
☐ NO ☑ YES

Closure Method: TTF
Number of Layers of Confinement: 1

Filter Torque Wrench
Serial/ID No.: 101382
Calibration Due Date: 12-4-14
Filter: Model No.: Nucfil-019DS
Serial No.: FN-2091
Torque Value: 10 ft./lbs.

Lid Ring/Bolt Torque Wrench
Serial/ID No.: 101388
Calibration Due Date: 12-11-14
Lid Ring/Bolt Torque Value: 60 ft./lbs.

Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES

NCR(s) associated with the output container? ☑ NO ☐ YES
NCR No.: N/A
NCR No.: N/A

Comments:
N/A

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550142 **Date:** 7-23-14

Section 2 Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
743589	Metal cans, Metal lids metal scales, metal tools metal pieces	IM	72.0	E
743589	Lead sheets. Electrical wires	OM	4.0	E
743589	Broken glass	OI	0.2	E
743589	cheese cloth	C	0.2	E
743589	Plastic pieces, plastic bags vinyl tape	PW	0.4	E
743589	Rubber gasket	R	0.1	E
N/A	N/A	N/A	N/A	N/A

N/A — VEO 1: Print Name; N/A — Signature; N/A — Date

N/A — VEO 2: Print Name; N/A — Signature; N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67663

TID Removed: N/A **TID Applied:** LANL 029128

N/A — VEO 1: Print Name; N/A — Signature; N/A — Date

N/A — VEO 2: Print Name; N/A — Signature; N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550142

Output Waste Container ID: 67663

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	6.7
Others:	N/A
Total Packaging Weight:	34.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	72.0
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	4.0
Other Inorganic Materials (OI):	0.2
Cellulosics (C):	0.2
Rubber (R):	0.1
Plastics (waste materials) (PW):	0.4
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	76.9

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50142 **Output Waste Container ID:** 67663

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550142 **Output Waste Container ID:** 67663

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered YES will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson
Print Name

Signature

7-23-14
Date

Visual Examination Operator 2:

Jason Krylowicz
Print Name

Signature

7-23-14
~~7-23-14~~
Date 7-24-14

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE 550142 Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☑ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☑ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals	☐ NO	☑ YES	☐ N/A
b. Weight totals	☐ NO	☑ YES	☐ N/A
c. Summed volume of observable liquid, as necessary	☐ NO	☐ YES	☑ N/A
d. The total of the WMP weights is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight.	☐ NO	☑ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☑ YES	☐ N/A
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES	☑ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☑ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	☐ NO	☑ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☑ YES	☐ N/A
13. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☑ YES	☐ N/A

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE550142 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☑ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☑ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☑ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☑ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☑ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☑ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☐ YES	☑ N/A

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	7-24-14
Printed Name	Signature	Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	YOLANDA VALDEZ
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE
	GAS-212	Telephone Number:	(505) 667-7639
	N/A	Date Sent:	08/07/14
Telephone Number:	(575) 234-7523		

Document Number	Title / Description	Record Date	Total Pages
LAVE550142	VE 55 BATCH DATA REPORT	07/21/14	10
	N/A		

Comments:

BDR IS COMPLETE. ORIGINAL SPM IS IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [√]	Signature	Jewell Hurrelde 9-2-14 9/2/14 Printed Name	9-2-14 Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

Sending is complete.

Job No.          0156
Address          915056678321
Name             LANL
Start Time       09/02 11:31 AM
Call Length      00'19
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	YOLANDA VALDEZ
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE
	GAS-212	Telephone Number:	(505) 667-7639
	N/A	Date Sent:	08/07/14
Telephone Number:	(575) 234-7523		

Document Number	Title/Description	Record Date(s)	Total Pages
LAVE550142	VE 55 BATCH DATA REPORT	07/21/14	10
	N/A		

Comments:

BDR IS COMPLETE. ORIGINAL SPM IS IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

	Signature	Printed Name	Date
Records Accepted [✓]	[signature] 9-2-14 9/2/14	Jewell Hurtado	9-2-14
Records Rejected [ ]			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE550164				**Examination Date(s): 5/9/13, 11/4/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67707, 67708, 67741, 67744, 67745, 67746, 67747, 67748, 67749, 67750
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 11/25/14

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550164				**Examination Date(s): 5/9/13, 11/4/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550164				**Examination Date(s): 5/9/13, 11/4/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not LANL Sealed Sources
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550164				**Examination Date(s): 5/9/13, 11/4/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	T. A. Groover			11/24/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVES50164 Examination Date: 11-4-14

	Waste Container ID Number:
1	67707
2	67708
3	67741
4	67744
5	67745
6	67746
7	67747
8	67748
9	67749
10	67750
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

N/A (J) 11-4-14

Independent Technical Reviewer:

Print Name	Signature	Date
Peggy Ausonius	Peggy Ausonius	11-12-14

01

NTPC RECORDS ORIGINAL
DATE REC'D 11/18/14

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVES50164 Examination Date: 11-4-14

Table of Contents

Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	01
2	CCP Waste VE Batch Data Report Table of Contents	02
3	CCP Waste Visual Examination General Information Form	03
4	CCP Waste Visual Examination Data Forms	4-05 11-17-14
5	CCP Waste VE Independent Technical Reviewer Checklist	55
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVES50164

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 11-4-14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 100523 Calibration Due Date: 6-11-15 Operational Check: ☑ SAT ☐ UNSAT

Comments:
The VEE has determined not to use the VE scale.

Visual Examination Operator 1:		
James E. Thompson	J E T	11-4-14
Print Name	Signature	Date
Visual Examination Operator 2:		
Dino Bustos	Dino Bustos	11-4-14
Print Name	Signature	Date

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVES50164

☐ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 11-4-14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☒ N/A	☐ SAT
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 208622 Calibration Due Date: 6-5-15 Operational Check: ☒ SAT ☐ UNSAT

Comments:

THE VEE HAS DETERMINED THAT THE VE SCALE WILL NOT BE USED.

Visual Examination Operator 1:		
JOE STEPZINSKI	Joseph B Stepinski	11-4-14
Print Name	Signature	Date
Visual Examination Operator 2:		
Kenneth T. Salazar		11-4-14
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67707	Waste Stream ID: LA-MHD01.001	
Container Type: 55GAL POC	TRUCON Code: LA 225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 160.5 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-019DS Serial No.: FN-1721 Torque Value: 10FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101389 Calibration Due Date: 12-11-14 Lid Ring/Bolt Torque Value: 60FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE FOR THIS CONTAINER WAS STARTED USING CCP-TP-113, REV 16.		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50164 **Date:** 5-9-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.[a]]	Weighing Code(s) [Table 4[b]]
LSVUL 732292 LANL 027539	graphite powder	OI	0.3	E
LSVUL 732292 LANL 027539	metal can metal lid	IM	6.8	E
LSVUL 732292 LANL 027539	plastic bag vinyl tape	PW	1.0	E
	N/A			

Anthony Harley — Signature — 5-9-13 (Date)
VEO 1: Print Name

Jason Valdovia — Signature — 5-9-13 (Date)
VEO 2: Print Name

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67707

PCI Removed: N/A **PCI Applied:** LANL029787

JOE STEPZINSKI — Joseph D Stepinski — 11-4-14 (Date)
VEO 1: Print Name — Signature

Kenneth T. Salazar — Signature — 11.4.14 (Date)
VEO 2: Print Name

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50164

Output Waste Container ID: 67707

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.8
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.3
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	1.0
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	8.1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67707

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67707

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:
JOE STEPZINSKI (Print Name) | Joseph R Stepzinski (Signature) | 11-4-14 (Date)

Visual Examination Operator 2:
Kenneth T. Salazar (Print Name) | (Signature) | 11-4-14 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67708	Waste Stream ID: LA-MHD01.001	
Container Type: 55GAL POC	TRUCON Code: LA 225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 160.1 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-019DS Serial No.: FN-1722 Torque Value: 10 FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101389 Calibration Due Date: 12-11-14 Lid Ring/Bolt Torque Value: 60 FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE FOR THIS CONTAINER WAS STARTED USING CCP-TP-113 REV 16.		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50164 **Date:** 5-9-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
11-17-14 ~~SWPSS~~ 732295 LANL 027540	salts	IN 10-7-13 ~~OI~~	0.2	E
11-17-14 ~~SWPSS~~ 732295 LANL 027540	metal can metal lid	IM	6.6	E
11-17-14 ~~SWPSS~~ 732295 LANL 027540	plastic bag vinyl tape	PW	0.9	E

N/A RH 5-9-13

Anthony Harley — VEO 1: Print Name — Signature — 5-9-13 — Date

JK 5-9-13 Jason Krylowicz — VEO 2: Print Name — Signature — 5-9-13 — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67708

PCI Removed: N/A **PCI Applied:** LANL029788

JOE STEPZENSKE — VEO 1: Print Name — Signature — 11-4-14 — Date

Kenneth T. Salazar — VEO 2: Print Name — Signature — 11-4-14 — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50164

Output Waste Container ID: 67708

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: (c)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.6
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.9
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	0.2
Soils (S):	N/A
Total WMP Weight:	7.7

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67708

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67708

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:
JOE STEPZINSKI (Print Name) — Joseph D Stepzinski (Signature) — 11-4-14 (Date)

Visual Examination Operator 2:
Kenneth T. Salazar (Print Name) — (Signature) — 11.4.14 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67741	Waste Stream ID: LA-MHD01.001	
Container Type: 55GALPOL	TRUCON Code: LA 225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 159.8 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-019DS Serial No.: FN-1727 Torque Value: 10FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101389 Calibration Due Date: 12-11-14 Lid Ring/Bolt Torque Value: 60FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE FOR THIS CONTAINER WAS STARTED USING CCP-TP-113 REV 16		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVESS0164 **Date:** 5-9-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
SWPSS 732294 LANL 027541	salts	IN 10-7-13 OI	0.2	E
SWPSS 732294 LANL 027541	metal can metal lid	Im	6.3	E
SWPSS 732294 LANL 027541	plastic bag vinyl 11-17-14 ~~vinyl~~ tape	PW	0.9	E
		N/A A.H. 5-9-13		

Anthony Hadley — VEO 1: Print Name — Signature — 5-9-13 Date
Jason Krylowicz — VEO 2: Print Name — Signature — 5-9-13 Date
Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67741

PCI Removed: N/A **PCI Applied:** LANL 029789

JOE STEPZINSKI — VEO 1: Print Name — Joseph W Stepinski — Signature — 11-4-14 Date
Kenneth T. Salazar — VEO 2: Print Name — Signature — 11-4-14 Date
Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550164

Output Waste Container ID: 67741

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.3
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.9
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	0.2
Soils (S):	N/A
Total WMP Weight:	7.4

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67741

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: 4AVE550164 **Output Waste Container ID:** 67741

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered 'YES' will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: JOE STEPZINSKI (Print Name)	Joseph D Stepzinski (Signature)	11-4-14 (Date)
Visual Examination Operator 2: Kenneth T. Salazar (Print Name)	(Signature)	11.4.14 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67744	Waste Stream ID: LA-MH D01.001	
Container Type: 55gal. POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 162.2 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: Nucfil-019DS Serial No.: FN-1754 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550164 **Date:** 11-4-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4, [a]]	Weighing Code(s) [Table 4[b]]
739478	HEPA filters	C	3.4	E
739478	filter housings	IM	6.0	E
739478	Plastic bags, Vinyl tape	PW	0.4	E
	N/A (J) 11-4-14			

N/A — VEO 1: Print Name
N/A — Signature
N/A — Date
N/A — VEO 2: Print Name
N/A — Signature
N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67744

TID Removed: N/A **TID Applied:** LANL023738

N/A — VEO 1: Print Name
N/A — Signature
N/A — Date
N/A — VEO 2: Print Name
N/A — Signature
N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550164

Output Waste Container ID: 67744

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: (c)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.0
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	3.4
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.4
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	9.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67744

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block.)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67744

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block.)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	[signature]	11-4-14
Print Name	Signature	Date

Visual Examination Operator 2:

Dino Bustos	[signature]	11-4-14
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67745	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. poc	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 142.8 kg.	Gross Wt: 152.7 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.375 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NuFil-0160S Serial No.: CN-1305 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 10138I Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550164 **Date:** 11-4-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
739479	HEPA filters	C	3.4	E
739479	filter housings	IM	6.0	E
739479	Plastic bags Vinyl tape	PW	0.5	E
	N/A (S) 11-4-14			

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67745

TID Removed: N/A **TID Applied:** LANL023739

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550164

Output Waste Container ID: 67745

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+82.0=109.7
Plastics (PP):	8.1
Others: (C)	25.0
Total Packaging Weight:	142.8
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.0
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	3.4
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.5
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	9.9

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67745

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block.)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67745

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block.)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:
James E. Thompson (Print Name) — Signature — 11-4-14 (Date)

Visual Examination Operator 2:
Dino Bustos (Print Name) — Signature — 11-4-14 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67746	Waste Stream ID: LA-MH001.001	
Container Type: 55GAL POL	TRUCON Code: LA225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 160.4 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-0190S Serial No.: FN-1766 Torque Value: 10FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101389 Calibration Due Date: 12-11-14 Lid Ring/Bolt Torque Value: 60FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE FOR THIS CONTAINER WAS STARTED USING CCP-TP-113 REV 16		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50164 **Date:** 5-9-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
LSVUL 732293 LANL 027538	graphite powder	OI	0.2	E
LSVUL 732293 LANL 027538	metal can metal lid	IM	6.9	E
LSVUL 732293 LANL 027538	plastic bag vinyl tape	PW	0.9	E

N/A A.H. 5-9-13

Anthony Harley — VEO 1: Print Name — Signature — Date 5-9-13
Jason Kryłowicz — VEO 2: Print Name — Signature — Date 5-9-13.
Signatures annotate the absence of prohibited items.

Output Waste Container ID: ~~67746~~ 67746 (S) 11-17-14

PCI Removed: N/A **PCI Applied:** LANL029790

JOE STEPZINSKI — VEO 1: Print Name — Signature — Date 11-4-14
Kenneth T. Salazar — VEO 2: Print Name — Signature — Date 11.4.14

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVESS0164

Output Waste Container ID: 67746

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.9
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.2
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.9
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	8.0

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVESS0164 **Output Waste Container ID:** 67746

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67746

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments:
N/A

Section 5: Approvals

Visual Examination Operator 1:
JOE STEPZINSKI (Print Name) — Joseph D Stepinski (Signature) — 11-4-14 (Date)

Visual Examination Operator 2:
Kenneth T. Salazar (Print Name) — (Signature) — 11/4/14 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		LA-MHD01.001
Output Waste Container ID: 67747	Waste Stream ID: ~~LA-MHD01.001~~ (5) 11-17-14	
Container Type: 55gal. POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 159.8 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: Nucfil-019DS Serial No.: FN-1745 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550164 **Date:** 11-4-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
739480	HEPA filters	C	3.0	E
739480	filter housings	IM	4.1	E
739480	Plastic bags, Vinyl tape	PW	0.3	E

N/A 11-4-14

VEO 1: N/A Print Name	N/A Signature	N/A Date
VEO 2: N/A Print Name	N/A Signature	N/A Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67747

TID Removed: N/A **TID Applied:** LANL023740

VEO 1: N/A Print Name	N/A Signature	N/A Date
VEO 2: N/A Print Name	N/A Signature	N/A Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550164

Output Waste Container ID: 67747

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: (c)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.1
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	3.0
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.3
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	7.4

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67747

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block.)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67747

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block.)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	James E. Thompson	11-4-14
Print Name	Signature	Date

Visual Examination Operator 2:

Dino Bustos	Dino Bustos	11-4-14
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67748	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. Poc	TRUCON Code: LA 225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 164.2 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: Nucfil-019 DS Serial No.: FN-2232 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550164 **Date:** 11-4-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
740581	HEPA filters	C	4.2	E
740581	filter housings	IM	7.0	E
740581	plastic bags, vinyl tape	PW	0.6	E
	N/A JT 11-4-14			

N/A — VEO 1: Print Name; N/A — Signature; N/A — Date

N/A — VEO 2: Print Name; N/A — Signature; N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67748

TID Removed: N/A **TID Applied:** LANL 031057

N/A — VEO 1: Print Name; N/A — Signature; N/A — Date

N/A — VEO 2: Print Name; N/A — Signature; N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550164

Output Waste Container ID: 67748

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	7.0
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	4.2
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.6
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	11.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67748

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block.)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67748

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block.)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

Print Name	Signature	Date
James E. Thompson	J E T	11-4-14

Visual Examination Operator 2:

Print Name	Signature	Date
Dino Bustos	Dino Bustos	11-4-14

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67749		Waste Stream ID: LA-MHD01.001
Container Type: 55GAL POC	TRUCON Code: LA225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 142.8 kg.		Gross Wt: 148.9 kg.
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil		Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.375" ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A
Bag Liner Present? ☒ NO ☐ YES		Volume Utilization Percentage: 95 %
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-019DS Serial No.: CN-1306 Torque Value: 10FT/LBS		Lid Ring/Bolt Torque Wrench Serial/ID No.: 101389 Calibration Due Date: 12-11-14 Lid Ring/Bolt Torque Value: 60FT/LBS
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE FOR THIS CONTAINER WAS STARTED USING CCP-TP-113 REV 16		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50164 **Date:** 5-9-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
SWPITF ~~722990~~ LANL 027536	floor sweepings	OI	0.2	E
SWPITF ~~722990~~ LANL 027536	metal can metal lid	IM	5.2	E
SWPITF ~~722990~~ LANL 027536	plastic bag vinyl tape	PW	0.7	E

N/A BH 5-9-13

11-17-14 72290

11-17-14 72290

11-17-14 72290

Anthony Hackey — VEO 1: Print Name — Signature — 5-9-13 — Date

Jason Krylowicz — VEO 2: Print Name — Signature — ~~5-9-13~~ 5-9-13 — Date 11-17-14

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67749

PCI Removed: N/A **PCI Applied:** LANL029791

JOE STEPZINSKI — VEO 1: Print Name — Signature — 11-4-14 — Date

Kenneth T. Salazar — VEO 2: Print Name — Signature — 11.4.14 — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50164

Output Waste Container ID: 67749

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+82.0 = 109.7
Plastics (PP):	8.1
Others: (c)	25.0
Total Packaging Weight:	142.8
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	5.2
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.2
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.7
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	6.1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67749

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67749

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered YES will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1: JOE STEPZINSKI (Print Name)	Joseph D Stepzinski (Signature)	11-4-14 (Date)
Visual Examination Operator 2: Kenneth T. Salazar (Print Name)	(Signature)	11/4/14 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50164

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67750		Waste Stream ID: LA-MHD01.001
Container Type: 55GALPOL	TRUCON Code: LA225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.		Gross Wt: 161.2 kg.
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil		Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A
Bag Liner Present? ☒ NO ☐ YES		Volume Utilization Percentage: 95 %
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-0190S Serial No.: FN-2235 Torque Value: 10FT/LBS		Lid Ring/Bolt Torque Wrench Serial/ID No.: 101389 Calibration Due Date: 12-11-14 Lid Ring/Bolt Torque Value: 60FT/LBS
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE FOR THIS CONTAINER WAS STARTED USING CCP-TP-113 REV16		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550164 **Date:** 5-9-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
SWPITF 732291 LANL 027537	floor sweepings	OI	0.2	E
SWPITF 732291 LANL 027537	metal can metal lid	IM	7.7	E
SWPITF 732291 LANL 027537	plastic bag vinyl tape	PW	0.9	E

N/A R.H. 5-9-13

Anthony Harley — Signature — 5-9-13
VEO 1: Print Name — Signature — Date

Jason Krylowicz — Signature — 5-9-13
VEO 2: Print Name — Signature — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67750

PCI Removed: N/A **PCI Applied:** LANL029792

JOE STEPZINSKI — Joseph D Stepinski — 11-4-14
VEO 1: Print Name — Signature — Date

Kenneth T. Salazar — 11-4-14
VEO 2: Print Name — Signature — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50164

Output Waste Container ID: 67750

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others:	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	7.7
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.2
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.9
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	8.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50164 **Output Waste Container ID:** 67750

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550164 **Output Waste Container ID:** 67750

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered 'YES' will be explained in the Comments block)

Comments:
N/A

Section 5: Approvals

Visual Examination Operator 1:
JOE STEPZINSKI (Print Name) | Joseph D Stepinski (Signature) | 11-4-14 (Date)

Visual Examination Operator 2:
Kenneth T. Salazar (Print Name) | [signature] (Signature) | 11.4.14 (Date)

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE550164 Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☑ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☑ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals	☐ NO	☑ YES	☐ N/A
b. Weight totals	☐ NO	☑ YES	☐ N/A
c. Summed volume of observable liquid, as necessary	☐ NO	☐ YES	☑ N/A
d. The total of the WMP weights is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight.	☐ NO	☑ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☑ YES	☐ N/A
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES	☑ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☑ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	☐ NO	☑ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☑ YES	☐ N/A
13. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☑ YES	☐ N/A

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE550164 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☑ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☑ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☑ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☑ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☑ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☑ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☐ YES	☑ N/A

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	11-12-14
Printed Name	Signature	Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	YOLANDA VALDEZ
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-7639
	N/A	Date Sent:	11/25/14
Telephone Number:	575-234-7523		

Document Number	Title/Description	Record Date	Total Pages
LAVE550164	VE 55 SPM CHECKLIST	11/24/14	4
LAVE550164	VE 55 BATCH DATA REPORT	11/04/14	56
	N/A		

Comments:

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Jewell Hurrable (Printed Name)	12/2/14 (Date)
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:	Signature	Printed Name	Date

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	1315
DESTINATION TEL #	915056678321
DESTINATION ID	LANL
ST. TIME	12/02 16:00
TIME USE	00'18
PAGES SENT	1
RESULT	OK

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	YOLANDA VALDEZ
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-7639
	N/A	Date Sent:	11/25/14
Telephone Number:	575-234-7523		

Document Number	Title/Description	Record Date	Total Pages
LAVE550164	VE 55 SPM CHECKLIST	11/24/14	4
LAVE550164	VE 55 BATCH DATA REPORT	11/04/14	56
	N/A		

Comments:

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted

URS

Washington TRU Solutions LLC

CP:10:01412
UFC: 5900.00

COPY

INTER-OFFICE CORRESPONDENCE

DATE: June 28, 2010

FROM: S. M. Peterman LOCATION: Certification

TO: CCP Records Custodian GSA-212 LOCATION: Retrieval, Characterization and Transportation

SUBJECT: TRANSMITTAL OF APPROVED CHANGE NOTICE #2 FOR LOS ALAMOS NATIONAL LABORATORY ELIGIBLE OFF-SITE SOURCE RECOVERY SEALED SOURCES (OSR-00-01.001)

Please accept this approved Change Notice for the Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources (OSR-00-01.001).

If you have any questions regarding this submission, please contact me at (505) 606-2344.

SMP:yhs

Attachment

cc: (without attachment)
W. Cameron
M. Pearcy
C. A. Stepzinski
J. I. Tenorio

ORIGINAL

WIPP Eligible OSR Sealed Sources
(LA-OS-00-01.001)
Change Notice #2
Update for WIPP Operating Record

Please add the following information to the WIPP Operating Record for Waste Stream Profile Form (WSPF) LA-OS-00-01.001. This waste stream is WIPP Eligible OSR Sealed Sources and was approved by DOE/CBFO on July 26, 2005. Change Notice 1 was approved on December 6, 2006.

This WSPF is being revised. The WSPF components are bolded. The updates are:

1. **WSPF, Date of audit report approval by New Mexico Environment Department (NMED)**

   Update the NMED audit approval dates to include: June 2, 2008, September 2, 2008, and July 24, 2009.

2. **WSPF, Waste Stream Information, Generator Site EPA ID**

   Revise the Generator Site EPA ID as follows: NM0890010515.

3. **WSPF, Title, version, number, and date of documents used for WAP Certification**

   Update the following procedure revision numbers and approval dates:

   CCP-PO-001, CCP Transuranic Waste Characterization Quality Assurance Project Plan, Revision 17, June 23, 2009

   CCP-PO-002, CCP Transuranic Waste Certification Plan, Revision 23, April 7, 2010

   CCP-PO-012, CCP/Los Alamos National Laboratory (LANL) Interface Document, Revision 7, May 8, 2008

4. **WSPF, WIPP ID**

   Replace the WIPP ID with the following: LA-OS-00-01.001[3]

   Add footnote 3 to page 3 and state the following: TWBIR numbers LA-OS-00-01-S and LA-OS-00-01.001-S also apply.

5. **WSPF, Description from the TWBIR**

   Revise the description from the TWBIR as follows:

Off-Site Source Recovery (OSR) sealed sources are radionuclide (actinide) solids (e.g., Am, Pu, AmBe, or PuBe) that are encapsulated in metal jackets. The actinides are either metal or metal oxides.

6. **WSPF, Waste Stream Information, Waste Stream Information, Number of Drums**

   Update the Number of Drums from 681 to 2,194.

7. **WSPF, Required Waste Stream Information, Which Defense Activity generated this waste**

   Add a footnote to this section as follows:

   Defense activities entitled: defense nuclear material production, naval reactors development, defense nuclear waste and materials security and safeguard and security investigations, and defense nuclear waste and material by product management also apply to this waste stream.

8. **WSPF, Required Program Information, Required Waste Stream Information, and Supplemental Documentation**

   Update reference CCP-AK-LANL-008, Revision 4, July 18, 2006 to Revision 8, February 22, 2010.

9. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Overview**

   Update reference CCP-AK-LANL-008, Revision 4, July 18, 2006 to Revision 8, February 22, 2010.

   Update the reference title to: CCP-AK-LANL-008, *Central Characterization Project Acceptable Knowledge Summary Report For LOS ALAMOS NATIONAL LABORATORY OFF-SITE SOURCE RECOVERY PROJECT SEALED SOURCES: WASTE STREAMS LA-OS-00-01.001, LA-OS-00-03, AND LA-OS-00-04.*

10. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Waste Stream TWBIR Identification & footnote 1**

    Replace NA[1] with LA-OS-00-01.001[1]

    Replace footnote 1 with the following: TWBIR numbers LA-OS-00-01-S and LA-OS-00-01.001-S also apply.

11. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Waste Stream Identification Summary, Waste Stream Volume**

    Revise the waste stream volume as follows:

    1,066 55-gallon drums (current)
    1,128 55-gallon drums (projected)

12. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Waste Stream Description and Physical Form

Delete the second sentence in paragraph one and insert the following information.

The sealed sources contain varying amounts and combinations of plutonium (Pu), americium (Am), or other TRU nuclides, and may contain beryllium (Be), lithium (Li), or other light elements (such as boron, carbon and fluorine) to create neutron emission. There are also combination sources containing Cs-137 in this waste stream. Primarily, these combination sources consist of Am-241/Be, Pu-238/Li, or Am-241/Li coupled with a Cs-137 gamma emitter.

Delete paragraph 2.

13. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Ignitability, Corrosivity, Reactivity

Delete the existing references at the end of the paragraph and replace them with the following references.

(References C001, C032, C035, D002, D003, D031 and M133).

14. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Reactivity

Delete the following sentence from paragraph 1: "Although some sealed sources contain lithium, no lithium is present in the sealed sources in waste stream LA-OS-00-01.001."

Include the following information in place of the deleted information.

Lithium is present in some of the sources in this waste stream. All lithium sources are doubly encapsulated, with the nuclide/lithium mixture contained in a welded stainless steel cylinder additionally encapsulated in an outer welded stainless-steel capsule thereby rendering these sealed, special form sources non-reactive. (Reference D031)

15. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Toxicity Characteristic

Delete the existing references at the end of the first paragraph and replace them with the following references.

(References C001, C002, C032, C035, D002, D003, D031, M003, M004, M033 and M133).

16. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Listed Waste

Add the following references to the end of the first paragraph.

(References C001, C032, C035, D002, D003 and D031).

Update the following references at the end of the first paragraph entitled U, K, and P-Listed Chemicals.

(References C001, D002, M003, M005, M007, M033 and P001).

17. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Prohibited Items

Add the following information to the listing of prohibited items:

- Waste that has ever been managed as high-level waste and waste from tanks specified in Table B-8 of the WIPP HWFP, unless specifically approved through a Class 3 permit modification.
- Any waste container from a waste stream (or waste stream lot) which has not undergone either radiography or visual examination of a statistically representative subpopulation of the waste stream in each shipment, as described in WIPP HWFP Attachment B7.

18. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, table entitled Waste Stream LA-OS-00-01.001 Waste Material Parameters

Revise the table entitled Waste Stream LA-OS-00-01.001 Waste Material Parameters as follows:

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	85%	0.0 - 100 %
Other Metals	15 %	0.0 – 30.0 %

19. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Radiological Information, Radiological Characterization

Revise to two most prevalent isotopes by weight to Pu-239 and Am-241.

20. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Attachment 1, AK Source Documents, Supplemental Documentation

Add the following source documents to Attachment 1:

C032, OSRP Correspondence on Lithium Sources are nonreactive and confirmation to be added into Waste Stream LA-OS-00-01.001, 03/20/08 through 07/10/08

C035, Waste Stream # LA-OS-00-01.001 Characterization of Sources Containing "Other Light Metals", 01/21/09

D003, Hazardous Waste Determination for Actinide-Bearing Sealed Sources to be Received at LANL, 02/25/05

D031, Waste Determination of Encapsulated Radioactive Sources Containing Small Quantities of Lithium, 04/00/08

M133, Characterization of Am-241/Be/Cs-137 Combination Sources, 05/31/07

Reason/Justification for the Change

The NMED audit approval dates have been updated to reflect the most recent audits.

The EPA ID has been revised to correct a typographical error.

Documents used for WAP certification and the AK Summary Report have been updated to reflect the most current revisions and titles.

The WIPP ID and Description from the TWBIR have been updated to include 2009 ATWIR numbers and the predominant ATWIR description.

The waste stream volume has been revised to reflect the current volume generated and projected for this waste stream, as well as the addition of lithium sealed sources.

The response to waste stream profile question "Which Defense Activity generated this waste?" has been revised to reflect all of the defense activities that generated this waste.

The waste stream description and physical form has been updated to reflect revision to CCP-AK-LANL-008.

References have been added for completeness and to reflect the addition of lithium sealed sources to the waste stream. References have been added to the Ignitability, Corrosivity, Reactivity, Toxicity Characteristic, and Listed Waste sections of the Summation to ensure consistency with other CCP waste stream profiles. Attachment 1 of the Summation of Aspects has also been updated to reflect the addition of five new references. AK element numbers S1-S12 do not apply to these references.

The Reactivity Section has been revised to include a discussion about lithium sealed sources. In a 2003 NMED correspondence regarding *NMED Comments on Waste Stream Profile Form LA-OS-00-01.001 (WIPP Eligible OSR Sealed Sources)*, a more detailed description of "light elements" such as lithium, and a hazardous waste determination which addressed the reactivity of lithium-bearing sealed sources was requested. At that time, the Department of Energy Carlsbad Field Office (CBFO) responded that lithium-bearing sources were not part of waste stream LA-OS-00-01.001. Subsequent evaluation of the lithium-bearing sealed sources has shown that these sources are eligible for inclusion into waste stream LA-OS-00-01.001 because they are not reactive. The basis for this determination is as follows: the lithium-bearing sources are clad in multiple welded protective layers which precludes the lithium from being exposed to the elements thereby also precluding the lithium sources from being reactive. The lithium sealed sources that are added to this waste stream are similar in material, physical form and hazardous constituents to waste currently in this waste stream.

Therefore, there is no impact to the EPA HWNs assigned to waste stream LA-OS-00-01.001.

Added information to the Prohibited Items section to reflect changes to Attachment B of the permit since the WSPF was approved.

The table entitled Waste Stream LA-OS-00-01.001 Waste Material Parameters has been updated to reflect current waste stream information.

Revised the two most prevalent isotopes to reflect current analytical information.

Update for the WIPP Operating Record (LA-OS-00-01.001) certification:
I hereby certify that I have reviewed this Update for WIPP Operating Record, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Site Project Manager	Sue Peterman, SPM Printed Name and Title	6/15/10 Date

CP:10:01412
Attachment 2

URS

Washington TRU Solutions LLC

COPY

WRES:10:180
UFC:5822.00

June 16, 2010

Mr. C. G. Fesmire, TRU Waste Integration Manager
Carlsbad Field Office
U.S. Department of Energy
P.O. Box 3090
Carlsbad, NM 88221-3090

Subject: REVIEW OF UPDATE FOR THE WIPP OPERATING RECORD (CHANGE NOTICE #2) WIPP OSR ELIGIBLE SEALED SOURCES (LA-OS-00-01.001)

Dear Mr. Fesmire:

Washington Regulatory and Environmental Services (WRES) has reviewed the subject Change Notice #2 for waste stream number LA-OS-00-01.001 in accordance with the provisions of WP 08-NT.03, Waste Stream Profile Form Review and Approval Program. WRES recommends that this change notice be approved.

The complete Change Notice #2 and comments and resolutions from the review team are enclosed. For your convenience, also enclosed are the draft transmittal letters.

If you have any questions, please contact me at Extension 7545.

Sincerely,

Steve Kahn

for R. R. Chavez
Regulatory Compliance

KG:dg

Enclosures (3)

cc: C. Gadbury, CBFO ED
M. Navarrete, CBFO ED
K. W. Watson, CBFO ED
P. F. Gilbert, LANL ED
G. Lyshik, LANL ED
CBFO M&RC

UNIQUE #	DOE UFC	DATE REC'VD	ADDRESSEES
1001617	5822.00	JUN 16 2010	C. Fesmire C. Gadbury M. Navarrete K. Watson

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CCP-AK-LANL-008

Central Characterization Project
Acceptable Knowledge Summary Report
For

LOS ALAMOS NATIONAL LABORATORY
OFF-SITE SOURCE RECOVERY PROJECT
SEALED SOURCES

WASTE STREAMS: LA-OS-00-01.001, LA-OS-00-03, AND LA-OS-00-04

Revision 9

May 3, 2012

Mike Ramirez
Printed Name

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	03/03/2005	Initial issue.
1	04/13/2005	Corrected and added source document references and revised attachments to address comments from CBFO audit team (Audit A-05-09).
2	05/13/2005	Revised to add chloromethane.
3	09/22/2005	Revised to update Acceptable Knowledge (AK) Source information, add new headspace gas volatile organic compound (VOC) concentrations for other packaging configurations, and address beryllium concentrations in payload container.
4	07/18/2006	Revised to add approximately 560 containers of Am-241 and Pu-238 waste sealed sources that were recently determined to be defense-related, as well as about 14 generated since the last report revision.
5	01/04/2007	Revised to add sealed sources for waste stream LA-0S-00-03 that require Headspace Gas Sampling and Analysis. Addressed impact of WIPP RCRA 311 permit modifications signed October 16, 2006.
6	05/20/2008	Revised to add mixed Waste Stream LA-OS-00-04 containing sealed sources with heavy metal constituents and clarifies LA-OS-00-03 Waste Stream description. Revised to add Combination Sources Am-241/Be/Cs-137 to Waste Stream LA-OS-00-01.001.
7	03/10/2009	Revised to add lithium sources to waste stream LA-OS-00-01.001. Also, revised waste stream volume to reflect the addition of lithium sources and to update for newly generated waste. Revised the waste stream description for LA-OS-00-03 for clarification and made editorial changes to the document. Also, added clarification to waste material parameter (WMP) sections.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
8	02/22/2010	Revised and updated Attachment 2, projected OSRP waste volumes. Also added additional source documents to Section 11.0 of the report from Attachment 4 along with minor editorial changes to the document.
9	05/03/2012	Revised and updated Section 5.4.3.3 Ignitables, Reactives, and Corrosives, to support Lithium as non-reactive in sealed sources using best engineering judgment including observation and manufacturers information. Also added additional source documents along with reorganization of the report to meet current acceptable knowledge (AK) report standards.

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LIST OF ACRONYMS AND ABBREVIATIONS

AEC	U.S. Atomic Energy Commission
Ag	silver
AK	acceptable knowledge
Al	aluminum
Am	americium
ANSI	American National Standards Institute
ATWIR	Annual Transuranic Waste Inventory Report
Au	gold
Be	beryllium
BDR	Batch Data Report
C	Cellulosics
CCP	Central Characterization Project
Cd	cadmium
Cf	californium
CFR	Code of Federal Regulations
CH	contact-handled
Ci	curie(s)
CMR	Chemistry, Metallurgy, and Research Facility
Cm	curium
Co	cobalt
Cs	cesium
Cu	copper
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
Fe	iron
FTL	Field Team Leader
FY	Fiscal Year
g	gram
HLW	High-level waste
HSG	headspace gas
HWN	Hazardous Waste Number
IAEA	International Atomic Energy Agency
Ir	iridium
LANL	Los Alamos National Laboratory
LANS	Los Alamos National Security
Li	lithium
LLNL	Lawrence Livermore National Laboratory
Mg	magnesium
Na	sodium
NDA	non-destructive assay
Ni	nickel
NRC	U.S. Nuclear Regulatory Commission
NRD	Nuclear Radiation Development
NMMSS	Nuclear Materials Management and Safeguards System

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

NNSA	DOE/National Nuclear Security Administration
NTS	Nevada Test Site
NUMEC	Nuclear Materials and Equipment Corporation
NWPA	*Nuclear Waste Policy Act of 1982*
OM	Other Metals
OSRP	Off-Site Source Recovery Project
Pb	lead
PCB	polychlorinated biphenyl
Pd	palladium
PP	Plastic Packaging
ppm	part(s) per million
ppmv	part(s) per million by volume
POC	pipe overpack component
PRQL	Program Required Quantitation Limits
Pt	platinum
Pu	plutonium
QA	Quality Assurance
QAPjP	Quality Assurance Project Plan
Ra	radium
RCRA	Resource Conservation and Recovery Act
SCATR	Source Collection and Threat Reduction
SFC	Special Form Capsule
Si	silicon
SNF	Spent Nuclear Fuel
Sr	strontium
ST	Stainless Steel
Ta	tantalum
TA	(LANL) Technical Area
TCLP	toxicity characteristic leaching procedure
TID	tamper indication device
TRAMPAC	Transuranic Authorized Methods for Payload Control
TRU	transuranic
TRUCON	TRUPACT-II Content Code
TRUPACT-II	Transuranic Waste Package Transporter-II
TSCA	Toxic Substance Control Act
TWCP	TRU Waste Certification Program
UC	University of California
U.S.	United States
VE	visual examination
VOC	volatile organic compound
vol%	volume percent
W	tungsten

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

WDS	Waste Data System
WIPP-WAC	*Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
WIPP-WAP	*Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan*
WIPP	Waste Isolation Pilot Plant
WMP	waste material parameter
wt%	weight percent
WWIS	WIPP Waste Information System

1.0 EXECUTIVE SUMMARY

This acceptable knowledge (AK) summary report has been prepared for the Central Characterization Project (CCP) for contact-handled (CH) transuranic (TRU) waste generated and managed at the Los Alamos National Laboratory (LANL). This report was prepared in accordance with CCP-TP-005, *CCP Acceptable Knowledge Documentation* (Reference 1), to implement the AK requirements of the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan* (WIPP-WAP) (Reference 2); and DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WIPP-WAC) (Reference 4).

The WIPP-WAP AK requirements are addressed in CCP-PO-001, *CCP Transuranic Waste Quality Assurance Project Plan* (QAPjP) (Reference 6). The WIPP-WAC AK requirements are addressed in CCP-PO-002, *CCP Transuranic Waste Certification Plan* (Reference 16). Additionally, this report provides the AK information required by CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control* (CCP CH-TRAMPAC) (Reference 7).

The CCP is tasked with certification of TRU waste for transportation to and disposal at the Waste Isolation Pilot Plant (WIPP). This report was developed in accordance with CCP-TP-005 (Reference 1), which describes how AK is collected, reviewed, and managed by the CCP. The CCP is responsible for collection, review, and management of AK documentation in accordance with CCP-TP-005 and reviews and approves this AK Summary Report and maintains this document as a CCP quality assurance (QA) record. The CCP maintains responsibility for this AK Summary Report and all CCP-TP-005 generated forms and records as QA records. In addition, CCP maintains a copy of the "historical source documents" as non-QA records.

Waste stream LA-OS-00-01.001 consists of americium (Am)-241, plutonium (Pu)-238, and Pu-239 sealed sources placed in special form capsules (SFCs) or Lexan (plastic polymer) containers which are packaged into 55-gallon metal pipe overpack component (POC) configuration drums. Waste stream LA-OS-00-03 consists of Am-241 foil-type sealed sources from smoke detectors placed in metal pails, packaged directly in 55-gallon drums with no need for sealed containers. Waste stream LA-OS-00-04 is expected to be virtually identical to waste stream LA-OS-001.001 except for cadmium (Cd) and/or lead (Pb) cladding integral to the sealed source construction. The waste in all three waste streams originated from Off-Site Source Recovery Project (OSRP) activities. Sealed sources are collected and packaged at various off-site locations and stored at Los Alamos National Laboratory Technical Areas (TAs) TA-3, TA-54, or TA-55 prior to disposal at WIPP. This report, along with referenced supporting documents, provides a defensible and auditable record of AK for the designated waste streams from the recovery of sealed sources. The references and AK sources used to prepare this report are listed in Sections 10.0 and 11.0. The AK sources referenced within this report are identified by alphanumeric designations corresponding to a unique Source Document Tracking Number (i.e., C001, D001, DR001, M001, and U001).

This report includes information relating to the facility's history, configuration, equipment, process operations, and waste management practices. Information contained in this report

was obtained from numerous sources, including database information, historical document archives, generator and storage facility waste records and documents, and interviews with cognizant personnel.

This report and supporting references provide the mandatory waste program management and waste stream-specific AK information for sealed sources heterogeneous debris waste generated since January 2001.

2.0 WASTE STREAM IDENTIFICATION SUMMARY

Site Where TRU Waste Was Generated:

Los Alamos National Laboratory
P.O. Box 1663
Los Alamos, New Mexico 87545

Facility Where TRU Waste Was Generated:

The following LANL facilities may be used for the receipt, storage, or packaging of OSRP sealed sources (Reference P004): TAs TA-3, TA-54, and TA-55. Sealed sources are collected and packaged at various off-site locations.

Facility Mission:

The mission of the OSRP is to recover and manage radioactive sealed sources generated by the public and private sector that present a risk to public health or homeland security. The sealed sources are excess to the U.S. Nuclear Regulatory Commission (NRC) Agreement State Licensee or government site owner, and either a U.S. Department of Energy (DOE) responsibility under Public Law 99-240, Low-Level Radioactive Waste Policy Amendments Act of 1985 (Reference 3), or are already owned by the DOE (References D004 and P003). The OSRP mission has been expanded to include US-origin foreign owned excess sources (References C059 and D025). The OSRP has been tasked with disposal of sealed sources for which recycling and reuse are not viable options and that the DOE has declared waste. In addition, due to the potential for terrorist use of radioactive materials in explosive devices, the NRC, the DOE, and the U.S. Congress have identified excess sealed sources as high risk and have directed DOE to accelerate recovery of such materials. Drums in waste streams are packaged by either consolidating sealed sources in metal or plastic containers, then into 55-gallon metal POC configuration drums, or by packaging sources directly into 55-gallon drums. Only defense TRU sealed-source recoveries are eligible for WIPP disposal and they constitute waste streams: LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04 (References C004, C005, C006, C032, C042, C061, C062, D031, and P004).

2.1 Waste Stream LA-OS-00-01.001 (Defense Sealed Sources)

Summary Category Group:	S5000 – Debris Waste
Waste Matrix Code Group:	Uncategorized Metal
Waste Matrix Code:	S5100
Transuranic Waste Package Transporter-II (TRUPACT-II) Content Code (TRUCON):	LA120A/220A

Annual Transuranic Waste Inventory Report (ATWIR) Identification Number (Reference 12): LA-OS-00-01.001

Maximum Layers of Confinement: 1

Waste stream LA-OS-00-01.001 consists of Waste Material Type II.2 in metal cans or Lexan (plastic polymer) containers packaged in POCs, which does not have any gas generation potential.

Waste Stream Description:

Waste stream LA-OS-00-01.001 consists of manufactured sealed sources in metal or Lexan containers which are placed inside 55-gallon metal POC configuration drums. The sealed sources are encapsulated in various metals (e.g. stainless steel, Armco 17-4 PH steel, beryllium [Be], aluminum [Al], tantalum [Ta], platinum [Pt]-20%, iridium [Ir], silicon sodium-magnesium [Si-Na-Mg] oxide, tungsten [W], silver [Ag], palladium [Pd], nickel [Ni], copper [Cu], gold [Au], cesium [Cs], and iron [Fe] metals). The confining barrier (the metal capsule) prevents dispersion of the radioactive material under normal and most accidental conditions related to the use of the source. The sealed sources contain varying amounts and combinations of Pu, Am, or other TRU nuclides, and may contain Be, lithium (Li), or other light elements (e.g., boron, carbon, and fluorine) to create neutron emission (References C032, C035, D003, D031, and M133). There are also combination sources containing Cs-137 in this waste stream. Primarily, they consist of, but are not limited to, Am-241/Be, Pu-238/Li, or Am-241/Li coupled with a Cs-137 gamma emitter as a single inseparable unit to provide both neutron and gamma emissions. The material in this waste stream meets the following definition of a sealed source: "Radioactive material that is contained in a sealed capsule, sealed between layers of non-radioactive material, or firmly fixed to a non-radioactive surface by electroplating or other means" (Reference 5). The applicable regulatory definitions referenced in the WIPP-WAP are provided in Attachment 4, Regulatory Definitions (Refer to Section 5.4.1).

The two most prevalent radionuclides for waste stream LA-OS-00-01.001 are Pu-239 and Am-241 (Refer to Section 5.4.2).

Waste stream LA-OS-00-01.001 is not hazardous and contains no Resource Conservation and Recovery Act (RCRA) regulated constituents; therefore, no Environmental Protection Agency (EPA) hazardous waste numbers (HWNs) are assigned (Refer to Section 5.4.3).

There are no expected prohibited items in this waste stream. OSRP visual examination (VE) personnel verify that there are no prohibited items in the containers (Refer to Section 5.4.4).

Sealed sources are consolidated in either a metal SFC or Lexan (plastic polymer) container then placed into the 55-gallon metal POC configuration drums with or without fiberboard dunnage, aluminum bracing/blocking, or neutron-shielding material. The packaging configurations used for POCs include a standard pipe overpack with 12-inch pipe component, S100 overpack, S200 overpack, and S300 overpack (Refer to Section 5.5).

Waste Stream LA-OS-00-01.001 meets the WIPP-WAP waste stream definition. The waste stream consists of waste materials (sealed sources), that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity (Refer to Section 4.5).

2.2 Waste Stream LA-OS-00-03 (Defense Sealed Sources not in POCs)

Summary Category Group: S5000 – Debris Waste

Waste Matrix Code Group: Uncategorized Metal

Waste Matrix Code: S5100

TRUCON: LA120B/220B

Waste Stream ATWIR Identification: LA-OS-00-03

Maximum Layers of Confinement: 2

This waste stream consists of Waste Material Type II.2 in metal cans with no gas generation potential.

Waste Stream Description:

Waste stream LA-OS-00-03 consists of manufactured Am-241 foil-type sealed sources from smoke detectors that are packaged into 55-gallon drums. The sources are made from Am embedded in an Au foil matrix. The thin Au-Am foil is then sandwiched between an Ag backing and a Pd or Au laminate (References C063, D026, and D027). The confining barrier prevents dispersion of the radioactive material under normal and most accidental conditions related to the use of the source. The sealed sources contain varying amounts and combinations of Am-241. The sources containing silver have analytical results that show the waste is non-hazardous. The material in this waste stream meets the definition of a sealed source as follows: "Radioactive material that is sealed between layers of non-radioactive material, or firmly fixed to a non-radioactive surface by electroplating or other means" (Reference 5). The applicable regulatory definitions referenced in the WIPP-WAP are listed in Attachment 4 (Refer to Section 6.4.1).

The two most prevalent radionuclides for this waste stream are Am-241 and Pu-239 (Refer to Section 6.4.2).

Waste stream LA-OS-00-03 is not hazardous and contains no RCRA regulated constituents; therefore, no EPA HWNs are assigned (Refer to Section 6.4.3).

There are no expected prohibited items in this waste stream. OSRP VE personnel verify that there are no prohibited items in the containers (Refer to Section 6.4.4).

Sealed sources in waste stream LA-OS-00-03 are packaged directly in standard 55-gallon drums with up to two plastic liner bags that are closed using a horse tail method. Sources

may be packaged in vented metal cans (minimum ½ inch hole), so they are not considered a layer of confinement. The maximum layers of confinement will be two (Refer to Section 6.5).

Waste Stream LA-OS-00-03 meets the WIPP-WAP waste stream definition. The waste stream consists of waste materials (sealed sources), that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity (Refer to Section 4.5).

2.3 Waste Stream LA-OS-00-04 (Mixed Waste Sealed Sources)

Summary Category Group:	S5000 – Debris Waste
Waste Matrix Code Group:	Uncategorized Metal
Waste Matrix Code:	S5100
TRUCON:	LA120A/220A
Waste Stream ATWIR Identification:	None
Maximum Layers of Confinement:	1

Waste stream LA-OS-00-04 consists of Waste Material Type II.2 in metal cans or Lexan (plastic polymer) containers packaged in POCs, which does not have any gas generation potential.

Waste Stream Description:

Waste stream LA-OS-00.04 consists of manufactured sealed sources in metal or Lexan (plastic polymer) containers which are placed inside 55-gallon metal POC configuration drums. Waste stream LA-OS-00-04 contains non-volatile hazardous constituents present in the encapsulating material or as shielding, particularly Cd and Pb. Therefore, this is a mixed waste stream with EPA HWNs D006 and D008.

Waste stream LA-OS-00.04 consists of sealed sources that are encapsulated in various metals that include stainless steel, Armco 17-4 PH steel, Be, Al, Ta, Pt-20% Ir, Si-Na-Mg oxide, W, Ag, Pd, Ni, Cu, Au, Cs, and Fe metals. The confining barrier (the metal capsule) prevents dispersion of the radioactive material under normal and most accidental conditions related to the use of the source. The sealed sources contain varying amounts and combinations of Am, or other TRU nuclides, and may contain Be or other light elements to create neutron emission (Reference D003 and M133). The material in this waste stream meets the following definition of a sealed source: "Radioactive material that is contained in a sealed capsule, sealed between layers of non-radioactive material, or firmly fixed to a non-radioactive surface by electroplating or other means" (Reference 5). The applicable regulatory definitions referenced in the WIPP-WAP are provided in Attachment 4 (Refer to Section 7.4.1).

The two prevalent isotopes in this waste stream are Pu-239 and Pu-240 (Refer to Section 7.4.2).

This waste stream was determined to contain RCRA-regulated constituents and is assigned EPA HWNs D006 and D008 (Refer to Section 7.4.3).

There are no expected prohibited items in this waste stream. OSRP VE personnel verify that there are no prohibited items in the containers (Refer to Section 7.4.4).

Sealed sources in waste stream LA-OS-00-04 are consolidated in either a metal SFC or Lexan (plastic polymer) container then placed in the 55-gallon metal POC configuration drums with or without fiberboard dunnage, aluminum bracing/blocking, or neutron-shielding material. POC packaging configurations include a standard pipe overpack with 12-inch pipe component, S100 overpack, S200 overpack, and S300 overpack. There will be no more than one layer of confinement (Refer to Section 7.5.2).

Waste Stream LA-OS-00-04 meets the WIPP-WAP waste stream definition. The waste stream consists of waste materials (sealed sources), that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity (Refer to Section 4.5).

3.0 ACCEPTABLE KNOWLEDGE DATA AND INFORMATION

TRU waste destined for disposal at the WIPP must be characterized prior to shipment. Development of knowledge of the materials and processes that generate and control the waste is required to provide a clear and convincing argument about the characteristics of each waste stream. The AK characterization documented herein complies with the requirements of the WIPP-WAP (Reference 2) and was developed in accordance with CCP-PO-001 (Reference 6), and CCP-TP-005 (Reference 1).

The waste streams in this report were characterized using AK from a variety of sources. The AK search for information on WIPP-eligible OSRP sealed sources resulted in collection of the following documents (Reference P004). One or more sources were utilized for AK on each sealed source.

1. Review of source manufacturer's sales catalogues to identify sealed source models, isotopes, activity, neutron/gamma emission rates, and dimensional drawings (References C017, D008, D010, D031, M041, M042, M046, M100, M106, M109, M111, M114, M143, M144, M152, M154, M159, M161, M162, M164, M171, M177, M183, M198, M210, M226, and M236).

2. Review of original purchase records to identify design information for a specific source (identified by a unique serial number). This information may include encapsulation requirements, source loading information, source model used, American National Standards Institute (ANSI) test conducted, and special form qualifications (References D023, D031, DR011, M007, M024, M025, M026, M038, M054, M076, M078, M079, M080, M082, M086, M088, M089, M091, M094, M095, M110, M123, M124, M125, M127, M129, M143, M149, M150, M151, M152, M154, M155, M156, M157, M158, M159, M161, M163, M167, M168, M175, M176, M177, M179, M180, M184, M185, M186, M187, M188, M189, M190, M191, M192, M193, M194, M195, M197, M198, M199, M201, M211, M234, and M236).

3. Review of Source Manufacturer's Fabrication Documents to identify activity, neutron/gamma emission rates, radioactive source materials, source configuration, source loading, and source testing (References C023, D008, D027, D028, D029, D031, M005, M007, M025, M026, M038, M069, M070, M071, M074, M075, M076, M077, M078, M079, M080, M089, M090, M092, M094, M098, M107, M110, M117, M118, M122, M123, M124, M125, M126, M127, M128, M131, M132, M133, M134, M135, M136, M137, M138, M139, M141, M142, M143, M146, M147, M149, M155, M156, M159, M160, M161, M164, and M165).

4. Review of source manufacturer's drawings and/or photographs to determine dimensional information, containment materials, and shape of sources (References C040, C041, C060, D002, D005, D008, D010, D011, D024, D026, D027, M005, M012, M025, M026, M027, M034, M038, M041, M042, M046, M054, M069, M075, M076, M077, M078, M083, M088, M089, M090, M092, M094, M098, M101, M106, M107, M110, M111, M112, M113, M114, M117, M118, M122, M123, M124, M126, M127, M130, M131, M132, M133, M139, M140, M142, M143, M144, M145,

M150, M151, M152, M153, M155, M161, M162, M169, M171, M176, M177, M183, M187, M188, M194, M195, M198, M200, and M236).

5. Review of source manufacturer's fuel capsule assembly reports to identify material batch number, weight percent (wt%) of the isotope, isotope powder weight, welding documentation, leak test information, and neutron emission rates (References C025, M025, M044, M047, M048, M049, M070, M077, M095, M126, M127, M128, M130, M133, M143, M145, M150, M153, M171, M174, M175, M183, M184, M185, M186, M187, M188, M194, M195, M196, M198, M202, M224, M234, M235, and M236).

6. Review of source manufacturer's operational procedures to identify cleanliness requirements, testing methods, and acceptance criteria (References M007, M046, M077, M123, M127, M128, M130, M142, and M152).

7. Review of source manufacturer's shipping documents by unique serial number to identify the isotope, activity, loading, containment material, dimensions, method of sealing, neutron/gamma emission, and special form qualification (References C060, D006, D008, D023, DR002, DR003, DR006, DR008, DR009, M007, M013, M015, M016, M017, M018, M024, M025, M026, M027, M038, M043, M052, M056, M057, M058, M063, M064, M065, M066, M068, M074, M091, M093, M121, M125, M126, M127, M129, M132, M136, M143, M150, M152, M154, M159, M163, M167, M170, M175, M176, M177, M179, M186, M187, M188, M191, M192, M193, M194, M197, M198, M199, M222, M223, M234, and M237).

8. Review of source manufacturer's welding records to evaluate cleaning agents and determine acceptance of welding procedures (References D031, M007, M014, M075, M113, M117, M123, M125, M126, M128, M133, and M138).

9. Review of TRU batch material records to trace the radioactive material from the originator (Atomic Energy Commission [AEC]/DOE) to the source manufacturer and, in some cases, to source owners (References C025, C042, C061, C062, M015, M016, M017, M021, M026, M028, M081, and M124).

10. Review of a national database, Nuclear Materials Management and Safeguards System (NMMSS), using unique serial numbers to identify the source owner, material type, date of manufacturer, and isotopic grams of the nuclide. The database provides a listing of sealed sources manufactured containing Pu-238 and Pu-239 special nuclear material. The last NMMSS report was issued in 1985 (References DR001, DR002, DR003, DR004, DR005, DR006, DR007, DR009, DR010, M006, M020, and M059). Presently, Am-241 is treated as special nuclear material by the DOE and is being added to this database through the creation of NRC/DOE Form 741, "Nuclear Material Transaction Reports" (References C017, C025, D008, D031, DR002, DR003, DR004, DR006, DR009, M005, M006, M020, M066, M073, M083, M084, M085, M087, M098, M099, M101, M107, M112, M127, M132, M139, M142, M143, M144, M146, M147, M151, M153, M154, M155, M156, M157, M158, M159, M160, M161, M162, M163, M164, M165, M166, M167, M168, M170, M174, M192, M197, and P004).

11. Review of a national database, the NRC Registry of Radioactive Sealed Sources and Device Registry, to identify source device, isotope, activity, source marking, source or device diagram, and testing conducted on the sources (References C017, C025, C041, D008, D031, DR002, DR003, DR004, DR006, DR009, M005, M006, M020, M066, M073, M083, M084, M085, M087, M098, M099, M101, M107, M112, M127, M132, M139, M142, M143, M144, M146, M147, M149, M151, M153, M154, M155, M156, M157, M158, M159, M160, M161, M162, M163, M164, M165, M166, M169, M171, M174, M177, M178, M183, M193, M195, M197, M198, M200, M201, M202, M224, M236, and P004).

12. Review of NRC/DOE Form 741 to determine where radioactive material originated, material type, and batch material information (References D006, D008, D023, DR002, DR003, DR006, DR008, DR009, M007, M013, M015, M016, M017, M018, M024, M025, M026, M027, M038, M043, M052, M056, M057, M058, M063, M064, M065, M066, M068, M074, M091, M093, M121, M125, M126, M127, M129, M132, M136, M143, M150, M152, M154, M159, and M163).

13. Review of U.S. Department of Transportation (DOT) Special Form documentation and packaging information to determine whether the source has a special form certificate and if the certificate is current (References C007, C029, C037, C039, C043, C065, D005, D008, D010, D011, D012, D022, M022, M034, M045, M069, M075, M081, M082, M089, M090, M092, M096, M097, M102, M103, M104, M105, M107, M108, M109, M111, M114, M115, M116, M123, M125, M126, M129, M132, M138, M139, M141, M142, M143, M144, M145, M146, M148, M150, M151, M152, M153, M155, M156, M157, M158, M159, M160, M163, and M164).

14. Information obtained from personnel involved with waste generation and waste management activities for the OSRP (References C009, C012, C013, C016, C018, C026, C028, C030, C033, C034, C045, C064, C066, D031, DR004, M003, M019, M053, M119, and M120).

15. Review of DOE documents to ensure that there are no hazardous waste issues associated with actinide-bearing sealed sources (References C001, C002, D002, D031, M003, M004, M031, M033, M035, M039, and M061).

The references and AK sources used to prepare this report are listed in Sections 10.0 and 11.0. The AK sources referenced within this report by alphanumeric designations (e.g., C001, D001, DR001, M001, P001, and U001) correspond to the Source Document Tracking Number using the following convention:

C – Correspondence
D – Documents
DR – Discrepancy Resolution
M – Miscellaneous
P – Procedures
U – Unpublished

4.0 REQUIRED PROGRAM INFORMATION

This section presents the waste management program information required by the WIPP-WAP (Reference 2). Included is background information on the OSRP, summaries of the missions, descriptions of operations associated with the generation of these TRU waste streams, descriptions of the waste management program as it relates to these waste streams, and defense determination.

4.1 Facility Location

LANL is located in Los Alamos County in north-central New Mexico, approximately 60 miles north-northeast of Albuquerque and 25 miles northwest of Santa Fe. LANL is owned by the DOE and was operated jointly by the DOE and the University of California (UC) for over 50 years. Site management was transferred to Los Alamos National Security (LANS) in 2006. The LANL site encompasses 43 square miles subdivided into 49 TAs. Attachment 1, Figures, provides a map (Figure 1, Location Map for LANL Technical Areas [TA] [Reference M029]) identifying the location of the LANL site and the TAs at the site. Maps of the location of LANL facilities involved in the OSRP waste generating process are shown in Attachment 1. The OSRP office is located at TA-46 (Attachment 1, Figure 1). Only administrative activities occur at this location.

4.2 Facility Description

Prior to 1974, the AEC, or an AEC-licensed facility, manufactured sealed sources in the U.S. The major facilities that manufactured sealed sources during this period were Mound/Monsanto Research Corporation, Amersham, Nuclear Materials and Equipment Corporation (NUMEC), Parkwell Labs, Gamma Industries, Nuclear Radiation Development (NRD) and Gulf Nuclear Industries (References C009, D002, and M229). Many OSRP sources that are now excess and eligible for WIPP disposal, especially Pu-239-containing sources, were manufactured between 1950 and 1974 by one of these entities (References M006, M013, M017, M024, M026, M027, M038, and M229).

The following LANL facilities may be used for the receipt, storage, or packaging of OSRP sealed sources (Reference P004, Attachment 1):

- TA-3, SM-30, initial receipt of OSRP sealed sources at LANL by the LANL Shipping and Receiving Organization (Attachment 1, Figure 2, Detailed map of LANL Technical Area [TA]-3 [Reference M029]).
- TA-3, Chemistry, Metallurgy, and Research (CMR) Facility, interim storage, VE and packaging of OSRP sealed sources (Figure 2).
- TA-54, Area G, interim storage and packaging of non-Pu-239-containing OSRP sealed sources (Attachment 1, Figure 4, Map of TA-54 TRU Waste Storage Domes [Reference M030]).

- TA-55, Interim storage and packaging of OSRP sealed sources (Attachment 1, Figure 5, Map of TA-55 [Reference M030]).
- TA-18, interim storage of OSRP sealed sources (Attachment 1, Figure 3, Map of TA-18 Interim Storage [Reference M030]) used until 2007.

For Pu-239 sealed sources, interim storage may also occur at the Nevada Test Site (NTS). Most sources are recovered, consolidated, and packaged in accordance with the VE procedure (Reference P001) at an off-site location and shipped to LANL as radioactive material (Reference P001). At LANL, the material shipping containers are received, examined to ensure the tamper indication device (TID) is intact, and declared waste for future management at LANL.

4.3 Facility Mission

The mission of the OSRP is to recover and manage radioactive sealed sources generated by the public and private sector because they present a risk to public health and safety or homeland security. The sealed sources are excess to the U.S. NRC Agreement State Licensee or government site owner, and are either a U.S. DOE responsibility under Public Law 99-240 (Reference 3), or are already owned by the DOE (References D004 and P003). The OSRP mission has been expanded to include US-origin foreign-owned excess sources (References C059 and D025). The project scope was increased in 2004 to include recovery of californium (Cf)-252, curium (Cm)-244, cobalt (Co)-60, Ir-192, and radium (Ra)-226 sources, as well as Pu, Am, strontium (Sr)-90, and Cs-137 sources in all concentrations (Reference C019). The OSRP has been tasked with dispositioning those sealed sources for which recycling or reuse are not viable options and for which the DOE has declared to be waste. The project may manage other isotopes as needed; however, only alpha-emitting TRU isotopes with half lives greater than 20 years are offered for disposal at WIPP.

In addition, as the result of the attacks on the U.S. on September 11, 2001, and with additional information indicating the potential for terrorist use of radioactive materials in explosive devices, the NRC, the DOE, and the U.S. Congress have identified unacceptable risk posed by the large number of excess sealed sources remaining in the environment and have directed DOE to accelerate recovery and disposal of the backlog.

4.3.1 Off-Site Recovery Project

Beginning in the 1950s, advances in nuclear science resulted in TRU sealed sources, primarily Pu-239 and Pu-239/Be neutron sources, being manufactured and distributed by the AEC to accelerate the pace of nuclear research. By the 1960s, other TRU materials, such as Pu-238 and Am-241, were commonly being encapsulated and distributed in the form of sealed sources by the AEC and commercial companies for a wide variety of medical, industrial, and academic applications. Beginning in the 1970s, a small number of combination sources containing Am-241Be/Cs-137 were being manufactured to provide both neutron and gamma emissions for soil density gauges and research applications. The TRU nuclides used in sealed sources manufactured within the U.S. were derived from AEC-operated defense reactors and distributed through AEC-sponsored programs.

Now, 50 years after the emergence of the TRU radioactive sealed source, the country is faced with an abundance of excess sealed sources and devices. The OSRP was implemented at LANL by DOE Environmental Management to ensure that the sealed sources for which DOE is legally responsible are safely recovered, managed, and disposed of expeditiously. In 2003, the OSRP was transferred to DOE/National Nuclear Security Administration (NNSA) management under the Global Threat Reduction Program. It was estimated early in the project that between fiscal years 2000 and 2010, 18,000 sealed sources containing TRU nuclides would require recovery, management, and disposal (References C002 and D003). Once declared as radioactive waste, many DOE TRU sealed sources are acceptable for disposal at the WIPP.

The NNSA has provided guidance to the OSRP at LANL to expeditiously manage and dispose of recovered sources that are eligible for disposal at WIPP. In addition, the OSRP has received direction to remove excess sealed sources that represented a potential terrorist threat. Sources eligible for disposal at WIPP are packaged in 55-gallon metal POC configuration drums or directly packaged into 55-gallon drums as described in this report. A defense determination was made for sealed sources as part of the justification for disposal of this waste at WIPP. Additional drums of sources were identified as defense waste in 2006. This has resulted in the formation of a new waste stream.

4.4 Defense Waste Assessment

The WIPP-WAC (Reference 4) requires generator sites to use AK to determine whether the TRU waste streams to be disposed of at WIPP meet the definition of TRU defense waste. Based on guidance from DOE, TRU waste is eligible for disposal at WIPP if it has been generated in whole or part by one of the atomic energy defense activities listed in 42 U.S.C. Section 10101(3) of the *Nuclear Waste Policy Act of 1982* (NWPA) (Reference 10).

Waste streams LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04 are comprised of Am-241, Pu-238, and Pu-239 sealed sources. All of these sealed sources meet the definition of defense waste as defined in the NWPA(References 10) because they are derived from defense nuclear materials production (References C004, C042, C044, C045, D011, D023, and D030). Am-241/Be neutron test sources and Pu-238/Be sources were used in the U.S. Naval Reactors Program, Naval Nuclear Propulsion Program, U.S. Air Force, Lawrence Livermore National Laboratory (LLNL) defense research, or other defense activities (References C002, C005, C006, C011, and D011). In addition, all such sources have been determined to be defense-related because they were derived from defense nuclear materials production and by-products management and because they are being recovered to support defense nuclear material security and safeguards (References C042, C053, D025, and D030).

4.5 High-Level Waste and Spent Nuclear Fuel Assessment

Public Law 102-579, *The Waste Isolation Pilot Plant Land Withdrawal Act* (Reference 16), bans the disposal of spent nuclear fuel (SNF) and high-level waste (HLW), as defined by the NWPA (Reference 10), at WIPP. According to the NWPA, SNF is "fuel that has been withdrawn from a nuclear reactor following irradiation, the constituent

elements of which have not been separated by reprocessing." DOE M 435.1-1, *Radioactive Waste Management Manual* (Reference 17), expands on this definition to clarify that "Test specimens of fissionable material irradiated for research and development only, and not production of power or plutonium, may be classified as waste, and managed in accordance with the requirements of this Order when it is technically infeasible, cost prohibitive, or would increase worker exposure to separate the remaining test specimens from other contaminated material." HLW is defined by the NWPA as "the highly radioactive material resulting from the reprocessing of spent nuclear fuel, including liquid waste produced directly in reprocessing and any solid material derived from such liquid waste that contains fission products in sufficient concentrations, and other highly radioactive material that the Commission, consistent with existing law, determines by rule requires permanent isolation."

Waste streams LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04 consist of CH-TRU waste from the recovery and disposal of excess sealed sources; therefore, these waste streams do not contain SNF or HLW and are eligible for disposal at WIPP.

4.6 TRU Waste Management

Waste stream LA-OS-00-01.001 was managed as newly generated waste under LANL's Project 2010/TRU Waste Certification Program (TWCP) until 2003 and is currently managed under the CCP. The OSRP was part of Project 2010's TWCP and characterized the first newly-generated waste stream certified at LANL (Reference P003). The waste characterization and certification procedures under which the OSRP operates are described in this report and found in the CCP TRU Waste Characterization Quality Assurance Project Plan, CCP-PO-001 (Reference 6). The three waste streams described in this report are unique in that AK may be used in lieu of headspace gas (HSG) sampling to meet the requirements of the WIPP-WAP Section C4-2c (Reference 2) and in lieu of non-destructive assay (NDA) to meet the radiological characterization requirements described in Appendix A of the WIPP-WAC (Reference 4). AK describing the chemical characteristics of LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04, and satisfying WIPP-WAP requirements are discussed in Sections 5.4.3, 6.4.3, and 7.4.3. AK describing radiological requirements pursuant to the WIPP-WAC is discussed in Sections 5.4.2, 6.4.2, and 7.4.2, *Determination of the Radioisotopic Composition.*

4.6.1 Types and Quantity of TRU Waste Generated

There are currently 1,010 55-gallon drums in LA-OS-00-01.001, 70 55-gallon drums in LA-OS-00-03, and one (1) 55-gallon drum in LA-OS-00-04. These numbers reflect waste containers listed in the AK Tracking Spreadsheet as of January 3, 2012.
Attachment 2, Projected OSRP Waste Volumes, estimates the OSRP volume for additional WIPP-eligible sealed sources at 1,128 55-gallon drums (waste stream LA-OS-00.01.001) from fiscal year (FY) 2010 through 2025.

4.6.2 Correlation of Waste Streams Generated from the Same Building and Process

The OSRP recovers sources that have resulted from both atomic energy defense activities and non-defense applications. Only the defense-related sources are eligible for WIPP disposal and constitute waste streams LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04 (References C004, C005, C006, C044, and P004). Non-defense sources constitute a different waste stream not addressed by this report and not eligible for disposal at WIPP. In May 2006, U.S.-origin Am-241 and Pu-238 sealed sources were determined to be defense related (Reference D025). Because of this determination, waste containers of these sources were added to waste stream LA-OS-00-01.001 and LA-OS-00-03. However, these drums were denoted on the defense determination checklists as placeholder waste streams designated LA-OS-NA-01, LA-OS-NA-02, and LA-OS-NA-03.

Waste stream LA-OS-00-04 is physically identical to LA-OS-00.01.001exceptfor the presence of hazardous, non-volatile constituents. No other LANL waste streams correlate to LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04; they are unique, newly generated wastes and consist of sealed sources consolidated from various private sector and DOE federal locations.

4.6.3 Waste Stream Identification, Categorization, and Delineation

Sealed sources have a unique serial number or other identifying characteristics that are recorded at the time of packaging (Reference P001) on a "Container Packaging and VE Data Record" (References P001 and M031). The sources are packaged according to a list provided by the OSRP Field Team Leader (FTL) based on available source information (References P001). The VE procedure requires that each sealed source description, unique serial number, weight, and recipient drum number be entered on the Data Record. During the packaging and VE, operators verify that the outer casing is made of a non-volatile organic compound (VOC)-bearing material, that no prohibited items are present, and that the container contents match the waste stream description, physical form/summary category group, waste matrix code, and the applicable information listed in Section 5.4.3, 6.4.3, or 7.4.3, as applicable.

4.7 Description of Waste Generating Processes

4.7.1 Overview of Waste Stream Characteristics

Waste streams LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04 are classified as debris, but sealed sources are unlike common debris waste. Sealed sources are manufactured items. Like any other precision tool, sealed sources generally have a well-defined pedigree. They have a design history and have been manufactured to a rigid set of specifications. The radioactive contents are highly purified materials provided and distributed by the AEC and DOE under rigorous quality control procedures. The amount of radioactive material contained in sealed sources is generally well known and documented. Commonly, serial numbers uniquely define each sealed source. The containment materials are well defined and the sealing procedures and process used are a matter of documented record in many cases (Reference D002).

4.7.2 Waste Generating Process

OSRP personnel confirm eligibility of sealed sources for collection by the OSRP, obtain AK documentation for them, and arrange for their recovery from off-site locations. The DOE may declare a sealed source as waste if it is not suitable for recycling or reuse. In this case, sealed sources that are designated as defense related and meet the criteria for WIPP disposal enter the process for WIPP certification (References C004, C005, C006, and P004).

OSRP personnel perform characterization and packaging activities, including assembling AK documentation and conducting VE during packaging of the sealed sources (References P001, P004, and P007). Records of the design history/specifications and radiological content are assembled and compiled as part of the AK documentation for each TRU sealed source. General AK information for LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04 are provided in this report. Detailed, source-specific information for each individual source also is available, including documentation on the content and design/construction from the NRC Sealed Source and Device Registry and the manufacturer or owner, the original shipping paper and specification sheet, data from the NRC/DOE NMMSS, and other physical information about the source (References C041, D010, D031, M005, M007, M012, M013, M014, M017, M024, M025, M026, M027, and M038). A large volume of source-specific AK information may be compiled once a source is identified for recovery.

This information is included in the batch data reports (BDRs) prepared during packaging and radiological characterization of the source. During VE, the source is verified against the documentation and that it matches the actual source that is packaged (Reference P001).

Sealed sources that are special form (e.g., have undergone special DOT testing to ensure no dispersion in the event of an accident) may be placed in a metal or Lexan (plastic polymer) container to consolidate the sources. During recovery when non-special form sources are encountered, they are encapsulated in certified SFCs. The source containers are then either placed into standard 55-gallon drums or into 55-gallon metal POC drums that are centered within cane fiberboard dunnage or neutron shielding material (depending upon packaging configuration) (Reference P001). The packaging configurations that may be used for POCs include a standard pipe overpack with 12-inch pipe component, S100, S200, or S300 overpacks (Reference P001). Sealed source masses are typically well documented by the source manufacturers and are verified during VE (References D005, M005, M007, and P001). Sealed source waste drums are typically shipped to LANL and received at TA-3 by the LANL Shipping and Receiving Organization and dispositioned to one of the sites listed in Section 4.2 for interim storage. The waste containers are stored pending CCP characterization activities and shipment to WIPP. The waste generating process for the subject waste streams is shown schematically in Attachment 3, Schematic of OSRP Process.

4.8 Waste Certification Procedures

Waste stream LA-OS-00-01.001 was historically managed under LANL's Project 2010 TWCP waste certification program (Reference P003). Currently, the three waste streams are certified under CCP procedures. In the CCP program under which the subject waste streams will be certified for shipment to WIPP, CCP-TP-005 (Reference 1) directs compilation of AK. CCP certifies TRU waste under the program described in CCP-PO-002 (Reference 16).

5.0 REQUIRED WASTE STREAM INFORMATION – LA-OS-00-01.001

This section presents the mandatory TRU waste stream specific information required by the WIPP-WAP (Reference 2) and the WIPP-WAC (Attachment 4) for LA-OS-00-01.001. Attachment 1 of procedure CCP-TP-005 (Reference 1) provides a list of the TRU waste stream information required to be developed as part of the AK record. The area of generation, waste stream volume, period of generation, prohibited items, waste packaging, and the physical, chemical, and radiological composition of the waste stream are described.

5.1 Area and Building of Generation

Most sealed sources in LA-OS-00-01.001 are recovered, consolidated as needed, and visually examined during packaging at off-site locations, after which they are shipped to LANL (Reference P004). Once received, they are examined to ensure the TID is intact and declared waste for future management at one or more of the LANL facilities identified in Section 4.2 (Reference P001). The OSRP is based at LANL TA-46.

5.2 Waste Stream Volume and Period of Generation

There are currently 1,010 55-gallon drums in LA-OS-00-01.00. Attachment 2 provides a projection of 1,128 containers to be added to the waste stream LA-OS-00-01.001 over the FY 2010 – 2025 period (References C020 and M055). Generation of waste stream LA-OS-00-01.001 began in December 2000 and the waste stream continues to be generated (References D004, M001, M031, and M133).

5.3 Waste Generating Activities

Waste generating activities are summarized in Section 4.7.1. There is no change in the chemical or physical form of a sealed source when it is declared waste. The sealed source is not altered when packaged for disposal (Reference P001). Sealed sources that are unaltered or undamaged but have evidence of leakage are placed in a "cigar tube" and verified free of contamination prior to being received by the OSRP recovery team. The OSRP recovery team will then encapsulate the cigar tube in a stainless steel overpack that is qualified as DOT special form as discussed in Section 5.5.2 (References C066 and P004).

5.4 Types of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, radionuclide contaminants, and RCRA hazardous waste determinations for waste stream LA-OS-00-01.001. The waste stream is characterized based on knowledge of the materials and processes generating the waste, and physical descriptions of the waste.

5.4.1 Material Input Related to Physical Form

Attachment 5, Description of Typical OSRP Sealed Sources, summarizes the physical characteristics of typical LA-OS-00-01.001 sealed sources. The physical waste form is solid, inorganic, actinide metals or metal oxides in protective metal coverings (i.e., metal jackets or casings) (References D005, M005, M037, and M133). The metal coverings and other materials within the sealed sources includes several types of stainless- steel, Armco 17-4 PH steel, Be, Al, Ta, Pt-20%, Ir, Si-Na-Mg Oxide, W, Ag, Pd, Ni, Cu, Au, Cs, and Fe metals (References C024, D002, D005, D006, D010, D011, D012, D014, D015, M005, M012, M014, M025, M026, M027, M033, M034, M041, M042, M046, M047, M058, M062, and M133). This configuration is similar to packaging in a metal can. However, in the case of sealed sources, the "metal can" is hermetically sealed, and metal is the first and only material in contact with the actinides. Consequently, these sealed sources are Waste Material Type II.2 (Reference 7) with no gas generation potential.

5.4.1.1 Waste Matrix Code

Sealed sources are inorganic debris. The following waste designators are applied to the subject sealed source waste stream:

- Summary Category Group - S5000 (debris waste)
- Waste Matrix Code - S5100 (inorganic debris)

The S5100 waste matrix code is defined as waste estimated to be at least 80 percent by volume inorganic debris materials (Reference 9). All of the waste materials qualify as inorganic debris, including the actinide oxide, Be if present, encapsulating metals, and stainless- steel SFCs.

5.4.1.2 Waste Material Parameters (WMPs)

Waste stream LA-OS-00-01.001 is assigned the Waste Material Parameters (WMPs) Iron Based Metals/Alloys and Other Metals (OM). The waste constituents, including actinide oxide, Be, and encapsulating materials, are all described by the "Other Metals" WMP. Other WMPs expected for OSRP waste packaging materials are Stainless steel (ST), Plastic Packaging (PP), and Cellulosics (C) (Reference P001). The basis for estimation of these WMPs is manufacturer documentation collected for the sources and VE. The sources are packaged under the requirements for TRUCONs LA 120A and LA 220A (Reference 8).

In accordance with CCP-TP-005, WMPs shall be estimated on a wt% basis for the waste stream, documenting the assumptions and justification for deriving the estimated WMP. All TRU sources recovered by OSRP and shipped to WIPP are encapsulated in stainless steel. Most encapsulation is 304 austenitic stainless, but other Fe based alloys are occasionally encountered. All are Fe based alloys. SFCs developed and used by the OSRP are also made of 304 austenitic stainless. Metal composition of the source compounds are given in the International Atomic Energy Agency (IAEA) Certificate of

Competent Authority, which has been issued for the OSRP SFCs (M145). These materials are categorized as Iron Based Metals/Alloys and Other Metals as shown in Table 5-1, Waste Material Parameters - Metals. The evaluation shown in Table 5-1 is documented in a memorandum (included with Waste Form, Waste Material Parameters, Prohibited Items, and Packaging completed per CCP-TP-005) (Reference 1).

Table 5-1. Waste Material Parameters – Metals

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Iron Based Metals/Alloys*	85%	0.0-100.0%
Other Metals**	15%	0.0-30.0%

* 304 SS, 316 SS, 8-18 SS
** See table of source compounds for metal composition (M145)

5.4.2 Radiological Characterization

Waste stream LA-OS-00-01.001 comprises actinide-bearing sealed sources, and the primary radionuclides contributing to the curie (Ci) content of LA-OS-00-01.001 are Pu-238, Pu-239, Am-241, Pu-240 (References D003, D031, M001, M036, M058, and M133). Cs-137 is also present in the sources. Other radionuclides are present as impurities or as a result of decay and nuclear interactions within the sources (References C003, D006, and D007). Although, AK has identified Co-60 as a potential component of the actinide lithium sources in waste stream LA-OS-00-01.001 (Reference D031). OSRP has not recovered any combination actinide Co-60-Li sources, nor does it have any plans to do so at this time. The radiological characterization of LA-OS-00-01.001 makes use of the extensive documentation and information on the nuclear material content of each source and the radionuclide distributions within the nuclear material.

AK is used in lieu of NDA because current WIPP-approved NDA equipment and techniques do not reliably measure the radioactive contents of sealed sources (Reference D007). In the atypical case where adequate AK information and documentation is not available for a particular sealed source, it will not be offered for disposal (References P002 and P004).

In general, the radiological characterization approach for the sealed source waste streams involves three steps. The first step is the determination and quantification of the primary radionuclide in a sealed source based on AK and data, as well as an estimated manufacturer date. The second step is the application of the specific radionuclide distribution and uncertainties that have been developed from AK for the primary radionuclide material in the source. The third step is the decay correction of the source material from the time of manufacture to the time of shipment for disposal (References C010, D007, and D008).

When determining the primary radionuclide and the quantity, values may be derived from a set of documents that are considered primary information sources. Primary information sources contain all of the necessary information to establish the source type (primary

radionuclide) and the quantity of radionuclide material, documents were qualified as suitable for this use by a peer review panel (References D007, D008, D031, and P002). The primary information source documents include:

- Source Certificates (References D031, M022, and M034)
- Source Shipping Data Forms (References D031, M007, M025, M026, M027, M038, and M237)
- NMMSS Database (References M006 and M020)
- Source Fabrication Documents (References D031, M007, M026, and M027)

Secondary information source documents may also be used to address the identification and quantity of the primary radionuclide in the sealed source, but are not sufficient alone. Secondary information may include the following:

- Source and Device Markings (usually etched or stamped on the source) (References D031 and M023)
- NRC Device Registry (References C038, C041, and M005)
- Source Manufacturer's Sales Catalogues (References D010, M133, and M210)
- Source Drawings or Photos (References C040, C041, D031, M012, M023, M025, M026, and M027)
- Source Physical Dimensions (measured at the time of recovery)
- NRC or Agreement State Licenses (References C014, M022, and M223)
- Source Manufacturer Databases (Reference D008)

The derivation of radionuclide distributions and quantification of uncertainties are based on analytical data sheets for different production batches of source materials, source manufacturers' certifications on individual sources that also include the isotopic content of the batch of source material, AK information on material types from WIPP approved LANL AK documents, and other data (References D009, D020, M021, M026, M028, M040, M050, and M051). The representative distributions were developed based on available analytical information for each sealed source type (i.e., Pu-238, Pu-239, Am-241, and Cs-137). The data, calculations, and results of the calculations to derive the representative radionuclide distributions and uncertainties are described in the LANL Technical Report "Radiological Characterization of Actinide Sealed Source Waste for Disposal at WIPP" and supporting calculation documents (References D007, D013, D016, D017, D018, D019, D021, M008, M009, M010, M011, and M133).

Summaries of the representative radionuclide distributions taken from the above technical report for both mass and activity are provided in Table 5-2, Summary of Representative Radionuclide Distribution and Associated Uncertainties for Pu-238 Sealed Sources, Table 5-3, Summary of Representative Radionuclide Distribution and Associated Uncertainties for Pu-239 Sealed Sources, and Table 5-4, Summary of Representative Radionuclide Distribution and Associated Uncertainties for Am-241 Sealed Sources, for Pu-238, Pu-239, and Am-241, respectively. The tables also provide the total uncertainty in the distributions. Table 5-5, Summary of Representative Radionuclide Distribution and Associated Uncertainties for Am-241/Be/Cs-137 Combination Sealed Sources, summarizes the isotopic distribution and associated uncertainties for combination sources.

Table 5-2. Summary of Representative Radionuclide Distribution and Associated Uncertainties for Pu-238 Sealed Sources

Radionuclide	Mass Fraction (gram of Isotope per gram of Pu in source)	Curie (Ci) of isotope per gram of Pu in source	Total Uncertainty
Pu-238	8.03E-1	1.39E+01	1.5%
Pu-239	1.61E-1	1.01E-04	3.2%
Pu-240	2.63E-2	6.05E-03	3.7%
Pu-241	6.90E-3	7.17E-01	23.0%
Pu-242	2.33E-3	9.25E-06	54.3%
Am-241	2.84E-4	9.84E-04	23.0%
U-233	NA	NA	NA
U-234	3.40E-9	2.15E-11	1.5%
U-235	4.25E-7	9.32E-13	3.2%
U-238	1.7E-4	5.77E-11	51.4%
Cs-137	2.31E-7	2.04E-05	81.5%
Sr-90	1.33E-7	1.83E-05	81.5%

Sources: References C022, M008, M009, and C027

Table 5-3. Summary of Representative Radionuclide Distribution and Associated Uncertainties for Pu-239 Sealed Sources

Radionuclide	Mass Fraction (gram of isotope per gram of Pu in source)	Curie (Ci) of isotope per gram of Pu in source	Total Uncertainty
Pu-238	1.48E-04	2.56E-03	150.8%
Pu-239	9.32E-01	5.86E-02	2.4%
Pu-240	6.50E-02	1.50E-02	23.7%
Pu-241	2.44E-03	2.53E-01	64.2%
Pu-242	3.62E-04	1.44E-06	244.5%
Am-241	2.84E-04	9.84E-04	64.2%
U-233	NA	NA	NA
U-234	3.40E-09	2.15E-11	150.8%
U-235	4.25E-07	9.32E-13	2.4%
U-238	1.70E-04	5.77E-11	51.4%
Cs-137	2.31E-07	2.04E-05	81.53%
Sr-90	1.33E-07	1.83E-05	81.53%

Source: References C034, M008, M010, and C027

Table 5-4. Summary of Representative Radionuclide Distribution and Associated Uncertainties for Am-241 Sealed Sources

Radionuclide	Mass Fraction (gram of isotope per gram of Am-241 in source)	Curie (Ci) of isotope per gram of Am-241 in source	Total Uncertainty
Am-241	1.00E+00	3.47E+00	1.4%
Pu-238	2.06E-06	3.56E-05	55.6%
Pu-239	2.76E-03	1.74E-04	54.4%
Pu-240	5.57E-04	1.28E-04	54.5%
Pu-241	3.98E-05	4.14E-03	54.4%
Pu-242	1.20E-05	4.75E-08	55.6%
U-233	NA	NA	NA
U-234	1.15E-11	7.26E-14	55.6%
U-235	1.44E-09	3.14E-15	54.4%
U-238	5.73E-07	1.95E-13	74.8%
Cs-137	7.80E-10	6.87E-08	98.0%
Sr-90	4.48E-10	6.18E-08	98.0%

Source: References C033, D007, M008, M011, and C027

Table 5-5. Summary of Representative Radionuclide Distribution and Associated Uncertainties for Am-241/Be/Cs-137 Combination Sealed Sources

Radionuclide	Mass Fraction (gram of isotope per gram of Am-241 in source)	Curie (Ci) of isotope per gram of Am-241 in source	Total Uncertainty
Am-241	1.00E+00	3.47E+00	1.4%
Pu-238	1.85E-06	3.20E-05	55.6%
Pu-239	2.84E-03	1.79E-04	54.4%
Pu-240	5.72E-04	1.31E-04	54.5%
Pu-241	1.74E-05	1.81E-03	54.4%
Pu-242	1.23E-05	4.89E-08	55.6%
U-233	NA	NA	NA
U-234	2.73E-07	1.73E-09	55.6%
U-235	1.43E-06	3.13E-12	54.4%
U-238	5.89E-07	2.00E-13	74.8%
Cs-137	8.96E-03	7.88E-01	25.5%
Sr-90	1.03E-06	1.42E-04	25.5%

Source: References D007, M008, M011, and C027
Note: An assumed Source Date of Birth of 1/1/1990 (ΔT = 16.75yr.) was used to allow decay and in-growth.

The decay of the radioactive material in a sealed source begins at the time of manufacture and produces a variety of daughter radionuclides, including U-233. Each type of source (i.e., Am-241, Pu-238, Pu-239) decays to common and unique radionuclides. To account for radioactive decay of the materials in the sealed sources from the time of manufacture to the time of shipment, the OSRP uses a commercially developed software product (Reference D007). This software requires entry of an initial radionuclide quantity and a beginning and end date for the decay period. The output includes those radionuclides produced by decay processes and the activity present after the specified period of decay. The contribution of radionuclides from fission and activation were found to be very small relative to uncertainties in material impurity concentrations (References M008, M009, M010, M011, M050, and M133). Also, the half lives of the TRU isotopes prevent significant decreases in their quantities during decay correction.

Completed characterization reports and supporting documentation are submitted with Radiological Characterization BDRs for certification (Reference P002).

Applying the isotopic ratios shown above in Tables 5-2 through 5-5, Pu-239 is the prevalent radionuclide for the waste stream LA-OS-00-01.001 at approximately 77.2 wt%, followed by Am-241 at approximately 18.5 wt%, and Pu-238 at approximately 4.3 wt%. Cs-137 is less than 1 wt% of waste stream LA-OS-00-01.001 (Reference M036 and M133).

5.4.3 Chemical Content Identification – Hazardous Constituents

The chemicals present in waste stream LA-OS-00-01.001 are derived from manufacturing information and include: Pu or Am metal or oxides, salts (chloride, Cs salts, or aluminosilicates), Be, Li (hydroxide, hydride, metal, or oxide) or other light metals, and the

metal jackets (usually welded tantalum or stainless steel) (Attachment 5) (References C035, D002, D005, D031, M005, and M133). Low-energy gamma Am sources also contain oxides of silicon, sodium, and magnesium (Reference D002).

The WIPP-WAP allows for exemption from HSG sampling and analysis of every container in this waste stream, providing that the following requirements are met:

1) Waste container contents meet the definition of sealed sources per 10 Code of Federal Regulations (CFR) 30.4, *Rules of General Applicability to Domestic Licensing* (Reference 13), and 10 CFR 835.2, *Occupational Radiation Protection* (References 14, D005, D008, M021, M022, M023, M024, M025, M031, M053, P001, and P004)

2) Sealed sources are "special form" material as defined in 49 CFR 173.403, *Shippers – General Requirements for Shipments and Packagings* (References 15, C007, D011, D012, M022, M031, M034, and M045), as verified at the time of recovery (Reference P004)

3) Sealed sources are verified by contamination survey to be non-leaking (References C066, M022, M024, M025, M027, M032, and P001)

4) Sealed sources do not contain VOCs or VOC-bearing materials as constituents and the outer casing of each sealed source is a non-VOC bearing material (References C001, D002, D014, M003, M004, M005, M031, and M033)

5) Supplemental AK must include sufficient information to derive adequate understanding of source construction and history to ensure no VOCs are present, as described in the WIPP-WAP

Requirement 1 is satisfied before sources are packaged based on review of source manufacturing information (References D002, D005, and M005). No other radioactive or chemical waste materials are added during packaging, and the sources are not treated or cleaned with any form of solvents between recovery and packaging (Reference P001). Any solvents used in the manufacturing process were used to clean the sources prior to non-destructive testing. The sources were then wiped clean so that only minimal residues could have been present at the time the source was shipped. For applicable drums, other requirements related to VE also apply and are addressed on VE BDRs.

Waste containers that do not meet Requirements 1 through 5 must undergo HSG sampling and analysis. Due to former (pre-2006) WIPP-WAP requirements, HSG samples were taken from aged drums containing TRUPACT-II-approved packaging materials without radioactive sealed sources (References C015, D001, M061, and P005). Acetone, chloromethane, cyclohexane, and toluene were detected in some samples, but none of these gases were present in excess of CCP-PO-001 Program Required Quantitation Limits (PRQL) (References C015, D001, M002, and M061). This HSG sampling shows that the drum packaging contents, by themselves, do not generate significant quantities of flammable VOCs. Table 5-6, Conservative LANL Sealed Source Packaging Container

Headspace Gas VOC Concentrations for use in WIPP Waste Data System (WDS), formerly known as the WIPP Waste Information System (WWIS), shows the required packaging VOC source term resulting from this sampling effort.

Table 5-6. Conservative LANL Sealed Source Packaging Container Headspace Gas VOC Concentrations for use in WIPP Waste Data System (WDS)

Compound	Concentration (parts per million by volume [ppmv])
Acetone	18.35
Benzene	1.96
Bromoform	2.25
Butanol (n-butyl alcohol)	26.79
Carbon Tetrachloride	1.5
Chlorobenzene	2.56
Chloromethane	3.22
Chloroform	1.97
Cyclohexane	2.17
1,1-Dichloroethane	1.65
1,2-Dichloroethane	1.81
1,1-Dichloroethylene	2.17
cis-1,2-Dichloroethylene	2.14
trans-1,2-Dichloroethylene	3.39
Ethyl Benzene	3.22
Ethyl Ether	2.72
Methanol	26.73
Methyl Ethyl Ketone	16.44
Methyl Isobutyl Ketone	37.67
Methylene Chloride	1.07
1,1,2,2-Tetrachloroethane	5.81
Tetrachloroethylene	4.78
Toluene	3.47
1,1,1-Trichloroethane	2.04
Trichloroethylene	1.43
1,1,2-Trichloro-1,2,2-trifluoroethane	1.61
1,3,5-Trimethylbenzene	2.05
1,2,4-Trimethylbenzene	2.42
P/m-Xylene	4.87
o-Xylene	2.87
Hydrogen	0.09 volume percent (vol%)
Methane	0.06 vol%
Source: References C015, D001, M002, and M061	

5.4.3.1 F-Listed Constituents

Waste stream LA-OS-00-01.001 is not mixed with or derived from the treatment of a waste listed in 40 CFR 261, *Identification and Listing of Hazardous Waste*, Subpart D, as a hazardous waste from non-specific sources (40 CFR 261.31) (Reference 11).

Waste stream LA-OS-00-01.001 is not hazardous waste due to the presence of F-listed solvents because there are no solvents present in the manufacturing or waste generation

processes (References C001, D002, and D003). Acetone, chloromethane, cyclohexane, and toluene were detected in some samples but are associated with packaging materials and are in concentrations below PRQLs (Reference D001 and M001).

5.4.3.2 Toxicity Characteristic Constituents

Sealed sources in waste stream LA-OS-00-01.001 do not exhibit the characteristic of toxicity for metals as defined in 40 CFR 261, Subpart C (40 CFR 216.24) (Reference 11). This waste stream does not contain any constituents that qualify as toxicity characteristic hazardous waste (References C001, C002, D002, D003, M003, M004, M033, and M133). Analytical data on typical source jacket material (stainless steel and silver solder which is 85 percent silver and 15 percent manganese) do not exceed the toxicity characteristic leaching procedure (TCLP) concentrations that would meet the RCRA characteristic of toxicity for metals (Reference D002).

Lead may be present in POC package assemblies as shielding. Lead as packaging is not considered waste and is not hazardous waste (References M039, P001, and P004).

Waste stream LA-OS-00-01.001 does not contain solvents or any other constituents that qualify as toxicity characteristic waste; therefore, LA-OS-00-01.001 does not exhibit the characteristic of toxicity for organic compounds as defined in 40 CFR 261, Subpart C (40 CFR 261.24) (References 11, C001, C002, D002, D003, M003, M004, M033, and M133).

5.4.3.3 U- and P- Listed Constituents

Waste stream LA-OS-00-01.001 is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue thereof (40 CFR 261.33) (Reference 11). Consequently, P- and U-listed EPA hazardous waste numbers are not assigned to this waste stream.

Some of the sources contain Be metal that is sealed within the source. The Be wt% in the waste does not exceed 1 wt% for any payload container (Reference M060). The physical form of the Be is typically powder or sintered solid (References D005 and D011). However, the U.S. EPA has concurred that Be-containing sealed sources are not P- listed because the Be is not a sole active ingredient (References C001 and D002).

5.4.3.4 K-Listed Constituents

Waste stream LA-OS-00-01.001 has been determined not to be hazardous waste (References C001, D002, M003, M004, and M033), including P- or U-listed waste. AK documentation is reviewed to ensure that the sealed sources waste stream does not include P- or U- listed waste.

Waste stream LA-OS-00-01.001 does not contain hazardous waste due to the specific sources listed in 40 CFR 261.32 and therefore is not a K-listed waste (References 11, C001, and D002).

5.4.3.5 Ignitables, Corrosives, Reactives

Sealed sources constitute closed systems (solid isotopic sources sealed in metal jackets or casings) that preclude the introduction of extraneous materials (such as liquids) that would be ignitable, reactive, or corrosive (Reference D005 and M005). The waste is not ignitable, reactive, or corrosive (References C001, D002, D003, and M133).

Ignitability

A solid waste exhibits the characteristic of ignitability as defined in 40 CFR 261.21 if it has any of the following properties: 1) It is a flammable liquid (flash point less than 60°C), 2) It is not a liquid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture, or spontaneous chemical change, 3) It is an ignitable compressed gas, or 4) It is an oxidizer (a substance such as a chlorate, permanganate, inorganic peroxide, or a nitrate, that yields oxygen readily to stimulate the combustion of organic matter) (Reference 11).

Waste stream LA-OS-00-01.001 does not meet the definition of ignitibility as defined in 40 CFR 261.21 (Reference 11). Sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in metal jackets or metal casings) that preclude the introduction of extraneous materials (such as liquids) that would be ignitable (Reference D005 and M005). The sources will not cause fire through friction, absorption of moisture, or spontaneous chemical changes. The sources are not compressed gases or oxidizers (References C001, D002, D003, and M133). Therefore, waste stream LA-OS-00-01.001 is not assigned EPA hazardous waste number D001.

Corrosivity

A solid waste exhibits the characteristic of corrosivity as defined in 40 CFR 261.22 if it has any of the following properties: 1) It is aqueous and has a pH less than or equal to 2 or greater than or equal to 12.5, or 2) It is a liquid and corrodes steel at a rate greater than 0.25 inches per year (Reference 11).

Waste stream LA-OS-00-01.001 does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 11). Sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in metal jackets or metal casings) that preclude the introduction of extraneous materials (such as liquids) that would be corrosive (References D005 and M005). Therefore, LA-OS-00-01.001 is not assigned EPA hazardous waste number D002.

Reactivity

A solid waste exhibits the characteristic of reactivity as defined in 40 CFR 261.23 if it has any of the following properties: 1) It is normally unstable and readily undergoes violent change without detonating, 2) It reacts violently with water, 3) It forms potentially explosive mixtures with water, 4) When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment, 5) It is a

cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment, 6) It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement, 7) It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure, or 8) It is a forbidden explosive, or Class A or Class B explosive as defined in 49 CFR 173, *Shippers – General Requirements for Shipments and Packagings* (References 11 and 15).

Lithium is present in some of the sources in this waste stream. All lithium sources are doubly encapsulated, with the nuclide/lithium mixture contained in a welded stainless steel cylinder additionally encapsulated in an outer welded stainless steel capsule. The EPA allows the use of best engineering judgment when determining if a material is reactive. Best engineering judgment includes observation of the waste material and the use of manufacture information. Based on the lithium containing sources construction, they would not react violently with water or generate toxic gases harmful to human health or the environment. In addition, the lithium sources are not expected to rupture or react violently if exposed to a strong initiating source or if heated under confinement. The sources as manufactured articles are not reactive which is substantiated by the fact that manufacturers do not manage these sources as reactive (Reference D031). Conservative calculations addressing the potential for radiolytic decay estimate that the sources could withstand approximately 750 degrees Fahrenheit of heat before a rupture is possible. A similar observation and position was made for small arms ammunition (i.e., the ammunition was exposed to 160 degrees Fahrenheit of heat for 48 hours and showed no evidence of detonation or explosion) and the EPA concurred that the material was nonreactive. Further, the sources are packaged in OSRP SFCs, which are tested to withstand 800 degrees Celsius without leaking and meet other requirements in 49 CFR. Therefore this waste is not reactive as defined in 40 CFR 261.23, and is not assigned EPA hazardous waste number D003 (References 11, 16, C032, C039, and D031).

VE performed during packaging of the sealed sources into drums is used to verify the absence of ignitable, reactive, or corrosive wastes, including liquids (References M031 and P001).

5.4.4 Polychlorinated Biphenyls

Waste stream LA-OS-00-01.001 does not contain polychlorinated biphenyls (PCBs) greater than 50 parts per million (ppm), and therefore is not regulated as a Toxic Substance Control Act (TSCA) waste under 40 CFR 761 (Reference 18).

OSRP review of manufacturing documentation verifies the absence of PCBs in waste stream LA-OS-00-01.001 (References M005 and D005). Sealed sources are strictly inorganic and do not contain organic material, such as PCBs (Reference D002). In addition, OSRP VE personnel verify the absence of PCBs and free liquids in waste containers during packaging as documented on the Container Packaging and VE Data Record (References M031 and P001).

5.4.5 Prohibited Items

Prohibited items have not been identified for this waste stream. OSRP VE personnel verify that there are no prohibited items in containers in LA-OS-00-01.001 (References M031 and P001).

Compressed Gases

Sealed sources are produced from a closed system (manufactured, isotopic sources sealed in metal jackets or casings) that precludes the introduction of extraneous materials, such as pressure vessels containing compressed gases (References D005 and M005). VE performed during packaging of OSRP sealed sources into drums explicitly verifies the absence of "potentially pressurized containers" (References M031 and P001).

Liquids

There are no liquids in the waste stream LA-OS-00-01.001 (References D005 and M005). VE performed during packaging of OSRP sealed sources into drums verifies the absence of liquids (Reference P001).

Non-radionuclide Pyrophorics

OSRP review of manufacturer documentation verifies the absence of non-radionuclide pyrophorics in the waste stream LA-OS-00-01.001 (References D005 and M005). VE performed during packaging of OSRP sealed sources into drums verifies the absence of any indicators of non-radionuclide pyrophorics (Reference P001).

Sealed Containers Greater Than 4 Liters in Volume

For waste stream LA-OS-00-01.001, each sealed source is or will be contained in a rigid sealed container, less than or equal to four liters in size. VE during packaging confirms the absence of sealed containers greater than four liters (Reference P001). OSRP sealed sources are Waste Material Type II.2 (i.e., solid inorganic materials packaged with a metal container as the innermost layer of confinement [Reference 7]).

Explosives

OSRP review of manufacturer documentation verifies the absence of explosives and explosive mixtures in the waste stream LA-OS-00-01.001 (References D005 and M005). VE performed during packaging of waste stream LA-OS-00-01.001 into drums verifies the absence of any indicators of explosives (Reference P001).

5.5 Waste Packaging

5.5.1 Payload Containers

Sealed sources may be consolidated in- metal cans, SFCs, or Lexan (plastic polymer) containers then placed into the 55-gallon metal POC configuration drums with or without fiberboard dunnage, aluminum bracing/blocking, or neutron-shielding material (depending

upon packaging configuration driven by shielding needs) (References C008, D022, and P001). The packaging configurations used for POCs include a standard pipe overpack with 12-inch pipe component, S100 overpack, S200 overpack, and S300 overpack (References C016 and P001). Drums are inspected upon receipt and again immediately prior to packaging (Reference P001).

5.5.2 Layers of Confinement

Waste stream LA-OS-00-01.001 is packaged in 55-gallon POC configuration drums without the use of plastic bags or sheeting. In the case of leaking sources, the source is placed in a "cigar tube" and verified free of contamination prior to being received by the OSRP recovery team. The OSRP recovery team will then encapsulate the cigar tube in a stainless steel SFC (References C006 and P001). Cigar tubes are capped, stainless steel tubes of varying size (less than four liters); the size of the cigar tube is dependent on the size of the leaking source. The metal POC has an approved filter vent installed. Shielding layers are not sealed. Lexan (plastic polymer) containers that may be used for special form sealed sources (in lieu of SFCs) do not qualify as a layer of confinement due to multiple holes in the cylinders. Rigid liners are procured with a minimum one half-inch hole, so these are not considered a layer of confinement. Therefore, the maximum possible number of layers of confinement is one in the POC configuration.

5.5.3 Filter Vents

Filter vents must be present on both the external payload container or drum and on the internal POC (Reference P001). OSRP VE personnel are required to record the model, serial number, and manufacture date of these filter vents on the Container Packaging and VE Data Record (References M031 and P001).

5.5.4 Waste Identifiers

Each drum into which sources are packaged has a unique numerical identifier that is entered on the VE Data Record (Reference P001).

6.0 REQUIRED WASTE STREAM INFORMATION LA-OS-00-03

This section presents the mandatory TRU waste stream specific information required by the WIPP-WAP (Reference 2) and the WIPP-WAC (Attachment 4) for LA-OS-00-03. Attachment 1 of procedure CCP-TP-005 (Reference 1) provides a list of the TRU waste stream information required as part of the AK record. The area of generation, waste stream volume, period of generation, prohibited items, waste packaging, and the physical, chemical, and radiological composition of the waste stream are described.

6.1 Area and Building of Generation

Most sealed sources in LA-OS-00-03 are recovered, consolidated as needed, and visually examined during packaging at off-site locations, after which they are shipped to LANL (Reference P004). Once received, they are examined to ensure the TID is intact and declared waste for future management at one or more of the LANL facilities identified in Section 4.2 (Reference P001). The OSRP is based at LANL TA-46.

6.2 Waste Stream Volume and Period of Generation

There are 70 55-gallon drums in waste stream LA-OS-00-03 (References C021 and M067). Generation of waste stream LA-OS-00-03 began in December 2005 and ended in March 2006. Currently, there is no anticipation of future generation of this waste stream (References D004 and M031).

6.3 Waste Generating Activities

Waste generating activities are summarized in Section 4.7.2. There is no change in the chemical or physical form of the source material when it is declared to be waste, nor is a sealed source altered in any manner when packaged for disposal as part of this waste stream (Reference P001).

6.4 Type of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, radionuclide contaminants, and RCRA hazardous waste determinations for waste stream LA-OS-00-03. The waste stream is characterized based on knowledge of the materials, knowledge of the processes generating the waste, and physical descriptions of the waste.

6.4.1 Material Input Related to Physical Form

Attachment 5 summarizes the physical characteristics of typical LA-OS-00-03 sealed sources. The physical waste form is solid, inorganic, actinide metals or metal oxides in protective metal coverings (i.e., metal encapsulating layer), see Section 5.4.1 (References D005, D027, and M005). Consequently, these sealed sources are Waste Material Type II.2 (Reference 7).

6.4.1.1 Waste Matrix Code

Sealed sources are inorganic. The following waste designators are applied to the subject sealed source waste stream:

- Summary Category Group - S5000 (debris waste)
- Waste Matrix Code - S5100 (inorganic debris)

The S5100 waste matrix code is defined as waste estimated to be at least 80 percent by volume inorganic debris materials (Reference 9). All of the waste materials qualify as inorganic debris, including the actinide oxide, encapsulating metals.

6.4.1.2 Waste Material Parameters

Waste stream LA-OS-00-03 is assigned the WMPs Iron Based Metals/Alloys and OM. The basis for estimation of this WMP is manufacturer documentation collected for the sources and VE at the time of packaging. In some cases, plastic external to the sealed sources may also be present at <1 wt% (Reference M067). They are packaged under the requirements for TRUCON LA 120B/LA 220B (Reference 8).

In accordance with CCP-TP-005, WMPs shall be estimated on a wt% basis for the waste stream, documenting the assumptions and justification for deriving the estimated WMP. The sources are made from Am-241 embedded in a gold foil matrix. The thin, gold americium foil is then sandwiched between a silver backing and a palladium laminate. Given the foil composition and the activities of the various containers for disposal, the excess mass of the waste material can be assumed to be made up of metal (iron based) source bracketing (holder) used for enclosure and housing of the foils, and the enclosure cans (References C036 and C063).

These materials are categorized as Iron Based Metals/Alloys as shown in Table 6-1, Waste Material Parameters – Metals and Plastic. The evaluation shown in Table 6-1 is documented in a memorandum (included with Waste Form, Waste Material Parameters, Prohibited Items, and Packaging completed per CCP-TP-005) (Reference 1).

Table 6-1. Waste Material Parameters – Metals and Plastic

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Iron Based Metals/Alloys	99.8%	0.0 - 100.0%
Other Metals	<1.0%	0.0 - 10.0%
Plastic[1]	<1.0%	0.0 - <1.0%

[1] Per telcon with recovery team member and logbook review (Reference C036)

6.4.2 Radiological Characterization

Waste stream LA-OS-00-03 comprises actinide-bearing sealed sources and the primary radionuclide contributing to the Ci content of the waste stream LA-OS-00-03 is Am- 241, consistent with the Am-241 sealed source isotope distribution shown in Table 5-4 (References C033, D007, M008, and M011). Other radionuclides are present as

impurities or as a result of decay and nuclear interactions within the sources (References C003, D007, and M011). The radiological characterization of LA-OS-00-03 makes use of the extensive documentation and information on the nuclear material content of each source and information and data on the radionuclide distributions within the nuclear material (Reference C025). The two most prevalent radionuclides for this waste stream are Am-241 and Pu-239. Americium-241 is a byproduct of Pu-239 production in defense reactors and it was also recovered from plutonium components of weapons, so it should be expected that the Pu-239 impurity is the second most prevalent radionuclide (References C053 and D025).

As stated in Section 4.7.1, the waste stream does not meet the WIPP-WAC definition of high Pu content material/waste.

6.4.3 Chemical Content Identification – Hazardous Constituents

The chemicals present in waste stream LA-OS-00-03 are derived from manufacturing information and include: Am metal or oxides, the metal foil which consists primarily of Au layers with a Ag backing (for the toxicity analysis of Ag, see Section 6.4.3.4), and Pd laminates (Attachment 5) (References C063, D002, D005, D026, D027, and M005). No additional hazardous constituents are expected from these sealed sources which have not been placed in SFCs. This waste stream also meets the WIPP-WAP, requirements for exemption from HSG sampling as summarized in section 5.4.3 (References C001, D026, M021, M031, and M032).

6.4.3.1 F-Listed Constituents

Waste stream LA-OS-00-03 is not mixed with or derived from the treatment of a waste listed in 40 CFR 261, Subpart D, as a hazardous waste from non-specific sources (40 CFR 261.31) (Reference 11).

Waste stream LA-OS-00-03 is not hazardous waste due to the presence of F-listed solvents because there are no solvents present in the manufacturing or waste generation processes (References C001, D002, and D003).

6.4.3.2 Toxicity Characteristic Constituents

Sealed sources in waste stream LA-OS-00-03 do not exhibit the characteristic of toxicity for metals as defined in 40 CFR 261, Subpart C (40 CFR 216.24) (Reference 11). Sealed sources in waste stream LA-OS-00-03 contain silver, which is a toxicity characteristic hazardous waste constituent (References C001, C002, D002, D003, M003, M004, and M033). Manufacturing data indicate that the radionuclide is sandwiched between layers of gold that total up to 0.0009-inch thickness as well as a silver layer that may be up to 0.009-inch thickness (References C063, D026, D027, and M073). In single foils, a layer of gold or palladium flash plating may also be present (References D026 and D027). However, TCLP data obtained by LANL show no detectable silver leachate present in the representative source and source holder configurations sampled (Reference M072), which

is consistent with the special form nature of the foils. Also, gold and palladium are not RCRA toxicity characteristic metals. Therefore, these sources are not RCRA hazardous for toxicity characteristic metals.

Waste stream LA-OS-00-03 does not contain solvents or any other constituents that qualify as toxicity characteristic hazardous waste; therefore, LA-OS-00-03 does not exhibit the characteristic of toxicity for organic compounds as defined in 40 CFR 261, Subpart C (40 CFR 216.24) (References 11, C001, C002, C025, D002, D026, D027, M003, M004, and M033).

6.4.3.3 U- and P- Listed Constituents

Waste stream LA-OS-00-03 is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue thereof (40 CFR 261.33) (Reference 11). No P- or U-listed constituents are anticipated in this waste stream, including Be powder (References D026 and D027). Consequently, P- and U-listed EPA hazardous waste numbers are not assigned to this waste stream.

Waste stream LA-OS-00-03 has been determined not to be hazardous waste (References C001, D002, M003, M004, and M033), including P- or U-listed waste. AK documentation is reviewed to ensure that the LA-OS-00-03 waste stream does not include P- or U- listed waste.

6.4.3.4 K-Listed Constituents

Waste stream LA-OS-00-03 does not contain hazardous waste due to the specific sources listed in 40 CFR 261.32 and therefore is not a K-listed waste (References 11, C001, and D002).

6.4.3.5 Ignitables, Corrosives, Reactives

Sealed sources constitute closed systems (References D005 and M005) that preclude the introduction of extraneous materials (such as liquids) that would be ignitable, reactive, or corrosive. The waste itself is not ignitable, reactive, or corrosive (References C001, D002, and D003).

VE performed during packaging of the sealed sources into drums is used to verify the absence of any indicators of ignitable, reactive, or corrosive wastes, including liquids (References M031 and P001).

Ignitability

A solid waste exhibits the characteristic of ignitability as defined in 40 CFR 261.21 if it has any of the following properties: 1) It is a flammable liquid (flash point less than 60°C), 2) It is not a liquid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture, or spontaneous chemical change, 3) It is an ignitable compressed gas, or 4) It is an oxidizer (a substance such as a chlorate,

permanganate, inorganic peroxide, or a nitrate, that yields oxygen readily to stimulate the combustion of organic matter) (Reference 11).

Waste stream LA-OS-00-03 does not meet the definition of ignitibility as defined in 40 CFR 261.21 (Reference 11). Sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in metal jackets or metal casings) that preclude the introduction of extraneous materials (such as liquids) that would be ignitable (References D005 and M005). The sources will not cause fire through friction, absorption of moisture, or spontaneous chemical changes. The sources are not compressed gases or oxidizers (References C001, D002, D003, and M133). Therefore, waste stream LA-OS-00-03 is not assigned EPA hazardous waste number D001.

Corrosivity

A solid waste exhibits the characteristic of corrosivity as defined in 40 CFR 261.22 if it has any of the following properties: 1) It is aqueous and has a pH less than or equal to 2 or greater than or equal to 12.5, or 2) It is a liquid and corrodes steel at a rate greater than 0.25 inches per year (Reference 11).

Waste stream LA-OS-00-03 does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 11). Sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in metal jackets or metal casings) that preclude the introduction of extraneous materials (such as liquids) that would be corrosive (References D005 and M005). Therefore, LA-OS-00-03 is not assigned EPA hazardous waste number D002.

Reactivity

A solid waste exhibits the characteristic of reactivity as defined in 40 CFR 261.23 if it has any of the following properties: 1) It is normally unstable and readily undergoes violent change without detonating, 2) It reacts violently with water, 3) It forms potentially explosive mixtures with water, 4) When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment, 5) It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment, 6) It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement, 7) It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure, or 8) It is a forbidden explosive, or Class A or Class B explosive as defined in 49 CFR 173 (References 11 and 15). Waste stream LA-OS-00-03 does not meet the definition of ignitibility reactivity, or corrosivity as defined in 40 CFR 261.21-23 (Reference 11). Sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in a metal jackets or metal casings) (References D005 and M005) that preclude the introduction of extraneous materials (such as liquids) that would be ignitable, reactive, or corrosive. The sources will not cause fire through friction absorption of moisture or spontaneous chemical changes. The sources are not compressed gases or oxidizers. The sources will not react violently with water, from potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The

sources are not sulfide or cyanide bearing waste and not capable of detonation or explosive reaction. The waste is therefore not ignitable, reactive, or corrosive (References C001, D002, D003, and M133). Therefore, this waste is not reactive as defined in 40 CFR 216.23, and is not assigned EPA hazardous waste number D003.

6.4.4 Polychlorinated Biphenyls

Waste stream LA-OS-00-03 does not contain PCBs greater than 50 ppm, and therefore is not regulated as a TSCA waste under 40 CFR 761 (Reference 18).

OSRP review of manufacturer documentation verifies the absence of PCBs in LA-OS-00-03 (References D026, D027, and M072). Sealed sources are strictly inorganic and do not contain any organic material, including PCBs (Reference D002). In addition, OSRP VE personnel verify the absence of PCBs and liquids in waste containers during packaging (Reference P001), as documented on the Container Packaging and VE Data Record (Reference M031).

6.4.5 Prohibited Items

OSRP VE personnel verify that there are no prohibited items in containers in the waste stream LA-OS-00-03 (References M031 and P001).

Compressed Gases

Sealed sources are produced from a closed system (manufactured, isotopic sources sealed in metal jackets or casings) that precludes the introduction of extraneous materials, such as pressure vessels containing compressed gases (References D026, D027, and M072). VE, performed during packaging of sealed sources into drums, is used to verify the absence of "potentially pressurized containers" (References M031 and P001).

Liquids

There are no liquids in the waste stream LA-OS-00-03 (References D026 and D027). VE performed during packaging of waste stream LA-OS-00-03 into drums verifies the absence of liquids (Reference P001).

Non-radionuclide Pyrophorics

OSRP review of manufacturer documentation verifies the absence of non-radionuclide pyrophorics in the waste stream LA-OS-00-03 (References D026 and D027). VE performed during packaging of waste stream LA-OS-00-03 into drums verifies the absence of any indicators of non-radionuclide pyrophorics (Reference P001).

Sealed Containers Greater Than 4 Liters in Volume

Sealed sources that are special form are packaged directly in 55-gallon drums with no need for sealed containers. In some cases, sources may have been placed in 1-gallon metal paint cans vented with minimum one-half-inch holes so that they are not sealed or confining. VE during packaging confirms the absence of sealed containers greater than

four liters (Reference P001). Waste stream LA-OS-00-03 is Waste Material Type II.2 (i.e., solid inorganic materials packaged with a metal container as the innermost layer of confinement [Reference 7]).

Explosives

OSRP review of manufacturer documentation verifies the absence of explosives and explosive mixtures in the waste stream LA-OS-00-03 (References D026 and D027). VE performed during packaging of OSRP sealed sources into drums verifies the absence of any indicators of explosives (Reference P001).

6.5 Waste Packaging

6.5.1 Payload Containers

Waste stream LA-OS-00-03 is packaged directly in standard 55-gallon drums (References P001 and P007).

6.5.2 Layers of Confinement

Waste stream LA-OS-00-03 is directly packaged into 55-gallon drums with up to two plastic liner bags closed using a horse tail method (References P001 and P007). Sources may be packaged in metal cans that have been vented with a minimum one-half-inch hole so they would not be considered a layer of confinement. Therefore, the maximum possible number of layers of confinement is two in the direct-packaged configuration.

6.5.3 Filter vents

Filter vents must be present on the external payload container or drum (Reference P001). OSRP VE personnel are required to record the model, serial number, and manufacture date of these filter vents on the Container Packaging and VE Data Record (References M031 and P001).

6.5.4 Waste Identifiers

Each drum into which sources are packaged has a unique numerical identifier that is entered on the Data Record (Reference P001).

7.0 REQUIRED WASTE STREAM INFORMATION LA-OS-00-04

This section presents the mandatory TRU waste stream specific information required by the WIPP-WAP (Reference 2) and the WIPP-WAC (Attachment 4) for LA-OS-00-04. Attachment 1 of procedure CCP-TP-005 (Reference 1) provides a list of the TRU waste stream information required to be developed as part of the AK record. The area of generation, waste stream volume, period of generation, prohibited items, waste packaging, and the physical, chemical, and radiological composition of the waste stream are described.

7.1 Area and Building of Generation

As discussed in Section 4.1, the OSRP is based at LANL TA-46. However, most sealed sources in the subject waste stream are recovered, consolidated as needed, and visually examined during packaging at off-site locations, after which they are shipped to LANL (Reference P004). Once received, they are examined to ensure the TID is intact and declared waste for future management at one or more of the LANL facilities identified in Section 4.2 (Reference P001).

7.2 Waste Stream Volume and Period of Generation

Waste stream LA-OS-00-04 currently contains a sufficient number of sources to fill one drum. OSRP personnel estimate that projected generation is about one drum per year for this waste stream (Reference C024). The waste stream begins when the first drum was generated on October 12, 2011, through present.

7.3 Waste Generating Activities

Waste generating activities are summarized in Section 4.7.2. There is no change in the chemical or physical form of the source material when it is declared waste, nor is a sealed source altered in any manner when packaged for disposal as part of this waste stream (Reference P001). Sealed sources are overpacked in stainless steel SFC that is qualified as DOT special form (Reference P004).

7.4 Types of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, radionuclide contaminants, and RCRA hazardous waste determination for this waste stream. The waste is characterized based on knowledge of the materials, knowledge of the waste-generating processes, and physical descriptions of the waste.

7.4.1 Material Input Related to Physical Form

The physical materials found in the subject waste stream are identical to those described in Section 5.4.1, with the exception of Cd plated Cu in the source encapsulating layers and potentially Pb used in the source holders or otherwise associated with the source in such a

way that it is difficult to remove without damaging the source (References C024, M058, and M062).

7.4.1.1 Waste Matrix Code

Sealed sources are inorganic. The following waste designators are applied to the subject sealed source waste stream:

- Summary Category Group - S5000 (debris waste)
- Waste Matrix Code - S5100 (inorganic debris)

The S5100 waste matrix code is defined as waste estimated to be at least 80 percent by volume inorganic debris materials (Reference 9). All of the waste materials qualify as inorganic debris, including the actinide oxide, and encapsulating metals.

7.4.1.2 Waste Material Parameters

Waste stream LA-OS-00-04 is assigned the WMPs Iron Based Metals/Alloys and OM. The basis for estimation of this WMP is manufacturer documentation collected for the sources and VE at the time of packaging. Other WMPs expected for OSRP waste are the packaging materials ST, C, and PP (Reference P001). The sources are packaged in accordance with the requirements for TRUCON LA120A/LA220A (Reference 8).

In accordance with CCP-TP-005, WMPs shall be estimated on a wt% basis for the waste stream, documenting the assumptions and justification for deriving the estimated WMP. As in the case of waste stream LA-OS-00-01.001, LA-OS-00-04 is assigned the WMPs Iron Based Metals/Alloys and OM. The waste constituents, including actinide oxide, Be, and encapsulating materials, are all described by the "Other Metals" WMP. What differentiates this waste stream from LA-OS-00-01.01 is that the sources in this may be encapsulated in cadmium-plated copper and/or have lead as an integral part of the source holder (References C024, M058, and M062). These sources are then placed in SFCs (Reference P004). SFCs developed and used by the OSRP are made of 304 austenitic stainless. Metal composition of the source compounds are given in the IAEA Certificate of Competent Authority which has been issued for the OSRP SFCs (Reference M145). These materials are categorized as Iron Based Metals/Alloys and OM as shown in Table 7-1, Waste Material Parameters – Metals. The evaluation shown in Table 7-1 is documented in a memorandum (included with Waste Form, Waste Material Parameters, Prohibited Items, and Packaging completed per CCP-TP-005) (Reference 1).

Table 7-1. Waste Material Parameters – Metals

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Iron Based Metals/Alloys*	85%	0.0-100.0%
Other Metals**	15%	0.0-30.0%

*304 SS, 316 SS, 8-18 SS
** See table of source compounds for metal composition (M145)

7.4.2 Radiological Characterization

Waste stream LA-OS-00-04 will have a radioisotopic composition consistent with that described in Section 5.4.2 and Tables 5-2, 5-3, and 5-4. The sources currently in the waste stream are Pu-239 sealed sources of a composition consistent with Table 5-3 (References C034, M058, and M237). As such, the prevalent radionuclides by mass are Pu-239 and Pu-240. The radiological characterization approach is also identical to that described in Section 5.4.2.

7.4.3 Chemical Content Identification – Hazardous Constituents

The chemical content of the LA-OS-00-04 waste stream is consistent with that described in Section 5.4.3, including the conditions for exemption from HSG sampling, except that sources in this waste stream contain or are physically inseparable from Cd or Pb (References C024, M058, and M062). Therefore, this waste stream is considered mixed waste and assigned EPA HWNs D006 and D008.

7.4.3.1 F-Listed and Constituents

Waste stream LA-OS-00-04 is not mixed with or derived from the treatment of a waste listed in 40 CFR 261, Identification and Listing of Hazardous Waste, Subpart D, as a hazardous waste from non-specific sources (40 CFR 261.31) (Reference 11).

Waste stream LA-OS-00-04 is not hazardous waste due to the presence of F-listed solvents because there are no solvents present in the manufacturing or waste generation processes (References C001, D002, and D003).

7.4.3.2 Toxicity Characteristic Constituents

Waste stream LA-OS-00-04 exhibits the characteristic of toxicity for metals as defined in 40 CFR 261.24, Subpart C (Reference 11).

This waste stream contains sealed sources that are either encapsulated or surrounded by lead or cadmium materials (References C024, M058, and M062). Sources encapsulated in copper-plated cadmium have been determined to contain about 0.76 wt% Cd, which is substantially higher than the RCRA toxicity characteristic threshold of 1 ppm (Reference M062).

In addition, sources in holders that contain lead or otherwise have lead associated with them are expected to be hazardous for lead (Reference C024).

Therefore, this waste stream is considered mixed waste and assigned EPA HWNs D006 (Cd) and D008 (Pb).

Waste stream LA-OS-00-04 does not contain solvents or any other constituents that qualify as toxicity characteristic waste; therefore, LA-OS-00-04 does not exhibit the characteristic of toxicity for organic compounds as defined in 40 CFR 261, Subpart C (40 CFR 261.24) (References 11, C001, C002, D002, D003, M003, M004, M033, and M133).

7.4.3.3 U- and P- Listed Waste

Waste stream LA-OS-00-04 is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue thereof (40 CFR 261.33) (Reference 11). Consequently, P- and U-listed EPA hazardous waste numbers are not assigned to this waste stream.

Some of the sources contain Be metal that is sealed within the source. The Be wt% in the waste does not exceed 1 wt% for any payload container (Reference M060). The physical form of the Be is typically powder or sintered solid (References D005 and D011). However, the U.S. EPA has concurred that Be-containing sealed sources are not P- listed because the Be is not a sole active ingredient (References C001 and D002).

7.4.3.4 K-Listed Waste

Waste stream LA-OS-00-04 has been determined not to be hazardous waste (References C001, D002, M003, M004, and M033), including P- or U-listed waste. AK documentation is reviewed to ensure that the sealed sources waste stream does not include P- or U-listed waste.

Waste stream LA-OS-00-04 does not contain hazardous waste due to the specific sources listed in 40 CFR 261.32 and therefore is not a K-listed waste (References 11, C001, and D002).

7.4.3.5 Ignitables, Corrosives, Reactives

Sealed sources constitute closed systems (solid isotopic sources sealed in metal jackets or casings) that preclude the introduction of extraneous materials (such as liquids) that would be ignitable, reactive, or corrosive (References D005 and M005). The waste is not ignitable, reactive, or corrosive (References C001, D002, D003, and M133).

Ignitability

A solid waste exhibits the characteristic of ignitability as defined in 40 CFR 261.21 if it has any of the following properties: 1) It is a flammable liquid (flash point less than 60°C),

2) It is not a liquid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture, or spontaneous chemical change, 3) It is an ignitable compressed gas, or 4) It is an oxidizer (a substance such as a chlorate, permanganate, inorganic peroxide, or a nitrate, that yields oxygen readily to stimulate the combustion of organic matter) (Reference 11).

Waste stream LA-OS-00-04 does not meet the definition of ignitibility as defined in 40 CFR 261.21 (Reference 11). Sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in metal jackets or metal casings) that preclude the introduction of extraneous materials (such as liquids) that would be ignitable (References D005 and M005). The sources will not cause fire through friction, absorption of moisture, or spontaneous chemical changes. The sources are not compressed gases or oxidizers (References C001, D002, D003, and M133). Therefore, waste stream LA-OS-00-01.04 is not assigned EPA hazardous waste number D001.

Corrosivity

A solid waste exhibits the characteristic of corrosivity as defined in 40 CFR 261.22 if it has any of the following properties: 1) It is aqueous and has a pH less than or equal to 2 or greater than or equal to 12.5, or 2) It is a liquid and corrodes steel at a rate greater than 0.25 inches per year (Reference 11).

Waste stream LA-OS-00-04 does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 11). Sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in metal jackets or metal casings) that preclude the introduction of extraneous materials (such as liquids) that would be corrosive (References D005 and M005). Therefore, LA-OS-00-04 is not assigned EPA hazardous waste number D002.

Reactivity

A solid waste exhibits the characteristic of reactivity as defined in 40 CFR 261.23 if it has any of the following properties: 1) It is normally unstable and readily undergoes violent change without detonating, 2) It reacts violently with water, 3) It forms potentially explosive mixtures with water, 4) When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment, 5) It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment, 6) It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement, 7) It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure, or 8) It is a forbidden explosive, or Class A or Class B explosive as defined in 49 CFR 173 (References 11and 15).

Lithium is present in some of the sources in this waste stream. All lithium sources are doubly encapsulated, with the nuclide/lithium mixture contained in a welded stainless steel cylinder additionally encapsulated in an outer welded capsule. The EPA allows the use of

best engineering judgment when determining if a material is reactive. Best engineering judgment includes observation of the waste material and the use of manufacture information. Based on the lithium containing sources construction, they would not react violently with water or generate toxic gases harmful to human health or the environment. In addition, the lithium sources are not expected to rupture or react violently if exposed to a strong initiating source or if heated under confinement. The sources as manufactured articles are not reactive which is substantiated by the fact that manufacturers do not manage these sources as reactive (Reference D031). Conservative calculations addressing the potential for radiolytic decay estimate that the sources could withstand approximately 750 degrees Fahrenheit of heat before a rupture is possible. A similar observation and position was made for small arms ammunition (i.e., the ammunition was exposed to 160 degrees Fahrenheit of heat for 48 hours and showed no evidence of detonation or explosion) and the EPA concurred that the material was nonreactive. Further the sources are packaged in OSRP SFCs, which are tested to withstand 800 degrees Celsius without leaking and meet other requirements in 49 CFR. Therefore this waste is not reactive as defined in 40 CFR 261.23, and is not assigned EPA hazardous waste number D003 (References 11, 16, C032, C039, and D031).

VE performed during packaging of the sealed sources into drums is used to verify the absence of ignitable, reactive, or corrosive wastes including liquids (References M031 and P001).

7.4.4 Polychlorinated Biphenyls

Waste stream LA-OS-00-04 does not contain PCBs greater than 50 ppm, and therefore is not regulated as a TSCA waste under 40 CFR 761 (Reference 18).

OSRP review of manufacturing documentation verifies the absence of PCBs in waste stream LA-OS-00-04 (References D005 and M005). Sealed sources are strictly inorganic and do not contain organic material, such as PCBs (Reference D002). In addition, OSRP VE personnel verify the absence of PCBs and liquids in waste containers during packaging as documented on the Container Packaging and VE Data Record (References M031 and P001).

7.4.5 Prohibited Items

Prohibited items have not been identified for this waste stream. OSRP VE personnel verify that there are no prohibited items in the containers in LA-OS-00-04 (References M031 and P001).

Compressed Gases

Sealed sources are produced from a closed system (manufactured, isotopic sources sealed in metal jackets or casings) that precludes the introduction of extraneous materials, such as pressure vessels containing compressed gases (References D005 and M005). VE performed during packaging of OSRP sealed sources into drums explicitly verifies the absence of "potentially pressurized containers" (References M031 and P001).

Liquids

There are no liquids in the waste stream LA-OS-00-04 (References D005 and M005). VE performed during packaging of OSRP sealed sources into drums verifies the absence of liquids (Reference P001).

Non-radionuclide Pyrophorics

OSRP review of manufacturer documentation verifies the absence of non-radionuclide pyrophorics in the waste stream LA-OS-00-04 (References D005 and M005). VE performed during packaging of OSRP sealed sources into drums verifies the absence of any indicators of non-radionuclide pyrophorics (Reference P001).

Sealed Containers Greater Than 4 Liters in Volume

For waste stream LA-OS-00-04, each sealed source is or will be contained in a rigid sealed container, less than or equal to four liters in size. VE during packaging confirms the absence of sealed containers greater than four liters (Reference P001). OSRP sealed sources are Waste Material Type II.2 (i.e., solid inorganic materials packaged with a metal container as the innermost layer of confinement [Reference 7]).

Explosives

OSRP review of manufacturer documentation verifies the absence of explosives and explosive mixtures in the waste stream LA-OS-00-04 (References D005 and M005). VE performed during packaging of waste stream LA-OS-00-04 into drums verifies the absence of any indicators of explosives (Reference P001).

7.5 Waste Packaging

7.5.1 Payload Containers

The sealed sources in this waste stream are packaged in metal cans, SFCs, or Lexan (plastic polymer) containers, then placed into the 55-gallon metal POC configuration drums with or without fiberboard dunnage, aluminum bracing/blocking, or neutron-shielding material (depending on the packaging configuration) (Reference P001). POC packaging configurations include a standard pipe overpack with 12-inch pipe component, S100 overpack, S200 overpack, and S300 overpack (References C016 and P001).

7.5.2 Layers of Confinement

Waste stream LA-OS-00-04 is packaged in 55-gallon POC drum configurations without the use of plastic bags or sheeting. In the case of leaking sources, the source is placed in a cigar tube and verified free of contamination prior to being received by the OSRP recovery team. The OSRP recovery team will then encapsulate the cigar tube in a stainless steel SFC (References C066 and P001). Such bags constitute <1 wt% of the total waste weight.

The metal POC has an approved filter vent installed. Shielding layers are not sealed. Lexan (plastic polymer) containers that may be used for special form sealed sources (in lieu of SFCs) do not qualify as a layer of confinement due to multiple holes in the cylinders. Rigid liners are procured with a minimum one half-inch hole, so these are not considered a layer of confinement. Therefore, the maximum possible number of layers of confinement is one in the POC configuration.

7.5.3 Filter vents

Filter vents must be present on both the external payload container or drum and on the internal POC (Reference P001). OSRP VE personnel are required to record the model, serial number, and manufacture date of these filter vents on the Container Packaging and VE Data Record (References M031 and P001).

7.5.4 Waste Identifiers

Each drum into which sources are packaged has a unique numerical identifier that is entered on the VE Data Record (Reference P001).

8.0 CONTAINER SPECIFIC INFORMATION

Several data sources were reviewed that provided information about the radiological, physical, and chemical characterization of waste containers and the associated sealed sources in these waste streams, including the NRC of Radioactive Sealed Sources and Devices (References C038, C041, and M005), manufacturer or owner documentation on defense applications (References C004, C005, and C006), NMMSS Report listing of sealed sources (References M006 and M020), Container Packaging and VE Data Records (Reference M031), reports from informal project databases (Reference M001), and contamination survey results (Reference M032).

In accordance with procedure CCP-TP-005 (Reference 1), a CCP Waste Containers List (Attachment 8 of the procedure) is completed and maintained as a quality record for waste tracking purposes. Information tracked includes container identification number, waste stream numbers, and the closure date for each container. However, because the waste streams are newly generated and continue to be generated, the list is expected to be modified periodically.

9.0 REFERENCES

1. CCP-TP-005, *CCP Acceptable Knowledge Documentation*, Carlsbad, New Mexico, Washington TRU Solutions, LLC.

2. *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan*, New Mexico Environment Department, Santa Fe, New Mexico

3. Public Law 99-240, *Title I-Low-Level Radioactive Waste Policy Amendments Act of 1985*

4. DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*, Carlsbad, New Mexico, U.S. Department of Energy, Carlsbad Field Office

5. GN5400.9/MI, *Implementing Guide for Occupational Radiation Protection Sealed Radioactive Source Accountability and Control*

6. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan,* Carlsbad, New Mexico, Washington TRU Solutions, LLC.

7. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*, Carlsbad, New Mexico, Washington TRU Solutions, LLC.

8. DOE/WIPP 89-004, *TRUPACT-II Content Codes (TRUCON)*

9. DOE/LLW-217, *DOE Waste Treatability Group Guidance,* T.D. Kirkpatrick, Idaho National Engineering Laboratory, Lockheed Idaho Technologies Co., Idaho Falls, Idaho, January 1995

10. 42 U.S.C. 10101 (3), *Nuclear Waste Policy Act of 1982*, U.S. Congress

11. Title 40 Code of Federal Regulations, Part 261, *Identification and Listing of Hazardous Waste*, U.S. Environmental Protection Agency

12. DOE/TRU-11-3425, *Annual Transuranic Waste Inventory Report – 2011,* U.S. Department of Energy, Carlsbad Field Office

13. Title 10 Code of Federal Regulations, Part 30, *Rules of General Applicability to Domestic Licensing of Byproduct Material,* U.S. Nuclear Regulatory Commission

14. 10 Code of Federal Regulations, Part 835, *Occupational Radiation Protection,* U.S. Department of Energy

15. Title 49 Code of Federal Regulations Part 173, *Shippers – General Requirements for Shipments and Packagings,* U.S. Department of Transportation

16. CCP-PO-002, *CCP Transuranic Waste Certification Plan*, Carlsbad, New Mexico, Washington TRU Solutions, LLC.

17. DOE M 435.1-1, *Radioactive Waste Management Manual*, U.S. Department of Energy, Office of Environmental Management

18. Title 40 Code of Federal Regulations, Part 761, *Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and use Prohibitions*, U.S. Environmental Protection Agency

10.0 AK SOURCE DOCUMENTS

Source Document Number	Document Title
C001	Letter to R. Scott re: "RCRA Status of AmBe Sealed Sources"
C002	Letter to J. Browne (LANL) re: Approval to Generate OSRP Waste with No Disposal Path
C003	Memo to LANL TWCP Records Management re: Estimation of U-234 Resulting from Pu-238 Decay
C004	Memos and Other Documentation Supporting Pu-239 Defense Relationship
C005	Memo to K. Hargis re: Transfer Planning Letter for Shipment of Special Nuclear Material (UCNI)
C006	Memos to S. Leonard and other re: Release of Sources to DOE (UCNI)
C007	Memo and Supporting Documentation to L. Leonard re: Special Form Character of MRC-N-SS-W-AmBe Sealed Sources
C008	Memo to J. Whitworth re: Drum Weights with RTR Scale
C009	Email to J. Whitworth re: Major TRU Sealed Source Manufacturers
C010	Memo re: Evaluating the Radionuclide Characterization of the OSRP Waste Stream LA-OS-00-01
C011	Defense Documentation for Eight SRS-Owned Sealed Sources
C012	Memo to J. Whitworth re: MRC Pu8Be-47A and 47B
C013	Memo to OSRP File re: SRS Source SN: MRPU8BE47 A & B, Two Capsules Recovered
C014	Memo to R. Williams, Department of Army, re: Interagency Agreement for Plutonium Number 3004 License SNM 318
C015	Memo to OSRP File, L. Porter, and M. Pearcy re: Packaging VOC Source Term for OSR Drums
C016	Memos re: POC Packaging Practices for Sealed Source Waste
C017	Memo to S. Schafer and OSRP File re: Radiological Characterization of Source N800I25
C018	Memo to T. Taulbee re: Radioactive Sources at the Portsmouth Gaseous Diffusion Plant (PORTS)
C019	Memo to R. Erickson (LASO) re: Expanded Scope for the Off-Site Source Recovery Program
C020	Memo to J. Whitworth re: Projected Recovery Numbers
C021	Memo to OSRP File re: Number of Containers in OSR Waste Stream
C022	Memo to J. Whitworth re: Data Input for Pu-238 Source Characterization
C023	Memo to A. Feldman re: Selection Criteria for Manufacture Dates for sources in BDR LA06-OSR-Ch-017
C024	Sources with Lead
C025	Methodology Used to Determine Input Parameters for Characterization of NRD Recovered Sources
C026	SOURCE RECOVERY AT CPN April 4,2007
C027	Memorandum: EXPLANATION OF TABLE REVISIONS TO CCP-AK-LANL-008 FOR INCORPORATION OF 241-Am / Be / 137 Cs COMBINATION SOURCES

Source Document Number	Document Title
C028	Attachment 8: OSRP Email Requests for VE BDR Drums approved and entered by CCP into the AKTSS. LA07-OSR-VE-009, 011, 012, 014, and LA08-OSR-VE-001, 002, 003, 004, 007.
C029	OSRP email requests for drums characterized between May 2007 to April 2008 to be added to the LANL AK tracking spreadsheet
C030	Texas Department Of Health Records: Request: For Gulf Nuclear (L02995) Sealed Source Logbook
C031	Recommendations for Determination of Default Manufacture Date for Americium 241 Sources With No Documented Date of Manufacture
C032	OSRP Correspondence on Lithium Sources are nonreactive and confirmation to be added into Waste Stream LA-OS-00-01.001
C033	Isotopic Mass % Evaluation For NRD Waste Stream LA-OS-00-03
C034	Isotopic Mass % Evaluation For Mixed Waste Stream LA-OO-0S-04
C035	Waste Stream # LA-OS-00-01.001Characterization of Sources Containing "Other Light Metals"
C036	Waste Material Parameters For Mixed Waste Stream LA-OS-00-03
C037	OSRP email requests for drums characterized between April 2008 to March 2009 to be added to the LANL AK tracking spreadsheet
C038	Universal application of the Registry of Radioactive Sealed Sources and Devices for NSR-F model sources
C039	OSRP email requests for drums characterized between April 2009 to February 2010 to be added to the LANL AK tracking spreadsheet
C040	*Field Differentiation Between NSR-D and NSR-F Sources*
C041	Use of the NRC Registry of Radioactive Sealed Sources and Devices for Characterization of NSR-D Model Sources
C042	Source of Am-241 Purchased by NRD for Sealed Source Manufacture
C043	OSRP email requests for drums to be characterized between March 2010 to April 2011 to be added to the LANL AK tracking spreadsheet
C044	Memorandum from Donald L. Cook regarding Offsite Source Recovery Project Request for Approval to Generate Waste with No Disposal Pathway, dated March 4, 2011
C045	Interview of Patrick Goff by Christopher Chancellor regarding UC Berkeley Am-241 foil generation dates
C053	Letter from S.R. Sapirie to Dr. C.E. Larson regarding Np-237 and Am-241 Distribution
C059	Memorandum from Julia Whitworth regarding Use of Foreign-Origin Radioactive Material in Sealed Sources
C060	Engineering Evaluation of Nuclear Powered Pacemakers as Special Form Radioactive Material
C061	Memorandum from Alex Feldman to Julia Whitworth regarding History of Non-US Origin Transuranics In Sources of US Manufacture
C062	Memorandum from Alex Feldman to Ben Gutierrez regarding Acceptable Methods for Establishing a Default Manufacturer Date of Birth for Sealed Sources with No Documented Date of Manufacture
C063	Memorandum from J. Andrew Tompkins to Rick Rasmussen regarding Acceptable Knowledge for Am-241 foil sources used in Smoke Detectors
C064	Gammatron approximate last date of manufacture for NSR-GB sealed sources
C065	OSRP email requests for drums to be characterized between July 2011 to December 2011 to be added to the LANL AK Tracking Spreadsheet

Source Document Number	Document Title
C066	Interview of Jim Matzke and Jerry McAlpin re: Cigar tubes for leaky sources
D001	Headspace Gas Sampling and Analysis Evaluation for LANL Sealed Sources
D002	RCRA Designation of Discarded Americium/Beryllium Sealed Sources
D003	Hazardous Waste Determination for Actinide-Bearing Sealed Sources to be Received at LANL
D004	The Off-Site Source Recovery Project at Los Alamos
D005	Summary of Sealed Source Types, OSR Project
D006	Encapsulation and Source Activities of Alpha-n Neutron Sources
D007	Radiological Characterization of Actinide Sealed Source Waste for Disposal at WIPP
D008	Sealed Sources Peer Review Report
D009	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239
D010	Amersham Source Catalogue, Manufacturer Data
D011	Special Form Documentation for AmBe and PuBe Neutron Test Sources (UCNI)
D012	Engineering Evaluation of New England Nuclear Model NER-478C Sealed Sources as Special Form Radioactive Material
D013	Development of Representative Radionuclide Distributions for Use in Radiological Characterization of Sealed Sources Based on Acceptable Knowledge Information
D014	Inspection and Recanning Program of PuBe Neutron Sources
D015	Characterization of Actinide-Bearing Sealed Sources by Acceptable Knowledge - Justification and Methods
D016	Manual for Nuclear Materials Management and Safeguards System Reporting and Data Submission
D017	An Evaluation of the Use of Calorimetry for Shipper-Receiver Measurements of Plutonium
D018	American National Standard Calibration- Techniques for the Calorimetric Assay of Plutonium-Bearing Solids Applied to Nuclear Materials Control
D019	Standard Test Methods for Nondestructive Assay of Plutonium, Tritium, and Am-241 by Calorimetric Assay
D020	Acceptable Knowledge Report for Legacy Debris TA-55 Waste Streams Containing Pu-239, LA-UR-02-6665
D021	Handbook of Nuclear Safeguards Measurement Methods
D022	Test Report for Los Alamos National Laboratory on 3" Special Form Radioactive Material Capsules
D023	WIPP Eligibility Determination of U.S. Army Research Laboratory Pu-239 Fission Foils
D024	Statement of Work, Mitigate Radioactive Sources at Savannah River Site, 777-10A
D025	Transuranic Waste Defense Determination Approval Forms
D026	IAEA Certificate of Competent Authority Special Form Radioactive Materials Certificate Number USA/0036/S, Revision 7
D027	NRD - Your Source for Alpha Foils
D028	Summary of Nuclear Atomcell Characteristics and Testing

Source Document Number	Document Title
D029	Neutron Soil Density and Moisture Gauges MC-1, MCM-2 And MC-3 (CPN International) Registry of Radioactive Sealed Sources and Devices Safety Evaluation
D030	Transuranic Waste Defense Determination Approval Forms, Waste Stream LA-OS-NS-04
D031	Waste Determination of Encapsulated Radioactive Sources Containing Small Quantities of Lithium
DR001	Discrepancy Resolution re: Difference Between NMMSS and Shipping Data for Seven LLNL Sealed Sources
DR002	Discrepancy Resolution re: Source MRC-PuBe-8-8
DR003	Discrepancy Resolution re: Manufacture Dates on Recanned Monsanto Sources
DR004	Discrepancy Resolution re: Source Pu8Be47-A&B from SRS
DR005	Discrepancy Resolution re: Pu Value on Source M-1228
DR006	Discrepancy Resolution re: Pu Value on Source M561
DR007	Discrepancy Resolution re: Sources MRPUBE346-348
DR008	Discrepancy Resolution re: Sources in Container 60384
DR009	Discrepancy Resolution re: Sources MRPU228-252
DR010	Discrepancy Resolution re: Certain Dates in NMMSS Database
DR011	Discrepancy Resolution of manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services.
M001	Summary of Waste Stream Containers/Spreadsheet of OSR Defense Related drums
M002	Batch Data Report Number LA02-HGAS/la-006 for Headspace Gas Analysis to Deterrmine OSR Packaging Source Term
M003	Facilities Review, Neutron Source Storage at TA-55 AREA G
M004	LANL WASTE PROFILE FORM # 31353
M005	Query of "Registry of Radioactive Sealed Sources and Devices," May 21, 1982
M006	NMMSS Report SS-2 From "Nuclear Material Management and Safeguards System" (Listing of Sealed Sources by RIS as of 12/31/85)
M007	Manufacturer Data from Mound Monsanto and GE Schenectady-Navy
M008	Calculation: Verification Check Calculation of ACCESS Characterization Calculations Performed in the OSR Characterization Database
M009	Calculation: Development of Radionuclide Distribution and Uncertainties in Pu-238 Sealed Source Material
M010	Calculation: Development of Radionuclide Distribution and Uncertainties in Pu-239 Sealed Source Material
M011	Calculation: Development of Radionuclide Distribution and Uncertainties in Am-241 Sealed Source Material
M012	Sealed Source Drawings
M013	Shipping Data Sheets from Monsanto Chemical Company (Mound) to Westinghouse
M014	Welding Test Records
M015	Purchase Orders for Pu-238 Batch Material

Source Document Number	Document Title
M016	Purchase Orders for Am-241 Batch Material
M017	Purchase Records for Am-241 Batch Material
M018	Memo to S. Leonard re: Examples of NRC Form 741 for the ARCO Nuclear Pacemakers
M019	Special Form Traveler Sheets
M020	NMMSS Listing of Sealed Sources by RIS
M021	Am-241 Analysis on Product Batches in the DOE Sales Pool
M022	Manufacturer's Data For Sources MRPUBE-315, 1501-NK, and C-589
M023	Manufacturer's Data for Kentucky Sources
M024	Manufacturer's Data For NUMEC Sources at Cornell College, 320C23
M025	Manufacturer's Data for LLNL Sources (LLNL - MRC-Pu-Be- 8-1, MRC - PuBe-8-7, MRC - PuBe-8-15, MRC-PuBe-8-9, MRC-Pu8Be-26, MRC-PuBe-28)
M026	Pu-239/Be Sealed Source Supporting Documentation
M027	Manufacturer Data for Monsanto Sources at Knolls Atomic Power Lab
M028	Analytical Chemistry Reports for Am Oxide Batches
M029	Visitor's Guide, Los Alamos National Laboratory
M030	Maps from the LANL Website
M031	Container Packaging and VE Data Records
M032	Contamination Survey Forms
M033	LANL Waste Profile Form #32779
M034	Special Form Certificates
M035	Waste Stream Profile Form for LA-OS-00-01, Change Notice #1
M036	Calculation of Prevalent Radionuclides for the OSR Waste Stream
M037	OSR Plutonium Weight Percent Calculation
M038	Mound Site Purchase Orders and Shipping Data
M039	Regulatory Information on the Status of Lead used as Shielding in Waste Containers
M040	Specification for Plutonium-238-Beryllium Annular Pellets (OUO)
M041	NUMEC Plutonium-Beryllium Neutron Sources Catalog
M042	Monsanto Radioactive Source Catalog
M043	Oak Ridge Data Sheets for Pu-238 Shipments
M044	General Atomic Battery Data
M045	Documentation of Sources in Special Form Capsules
M046	ARCO Nuclear Technical Document, 039274
M047	General Atomic QA Data on PuN Capsules

Source Document Number	Document Title
M048	General Atomic QA Data on Battery 3b89
M049	General Atomic QA Data on Battery 3b73
M050	Calculation re: Estimation of the Sr-90/Cs-137 Ratio in Sealed Source Materials
M051	Isotopic Composition of U and Th Mixtures
M052	Shipping Documents from Donald Douglas to Gulf Atomic
M053	Information on U.S. Army TACOM Sealed Sources
M054	Monsanto Data for Pu-238/Be Neutron Sources Shipped to Gulf Energy
M055	Current Projection of OSR Waste Stream Volume LA-OS-00-01
M056	Shipping Data for Recanned Sealed Sources
M057	Shipping Data Form for Source MRC-PuBe-8-8
M058	Shipping Data Form for Sources MRC-TD-Pu-228 through -254
M059	Evaluation of Isotopic Activity as a Function of Source Date of Birth
M060	Analysis for Beryllium Weight Percent for Waste Stream LA-OS-00-01
M061	Analytical Batch Data Report for LA05-HGAS/LA-046, Standard POC with Cane Fiberboard Insert
M062	Calculation of Cadmium Weight Percent in Drum 61603
M063	Shipping Data Sheet for Source "Q" at Brookhaven NL
M064	Shipping Data Form for U-Nebraska Sources
M065	Shipping Data Form for Source MRC-PuBe-230
M066	Form 741 Nuclear Material Transaction Report to Arco
M067	OSR VE Operator Logbook from NRD Recovery (OUO)
M068	NRD Spreadsheet Data on Source-Containing Cans and Drum Log Correction Spreadsheets
M069	Amersham International Transport Containers MNEMONICS
M070	Amersham Corp Product Specifications Report
M071	Logbook : Amersham, Source number. Serial number and Model number
M072	Certificate of Analysis - GEL Laboratories LLC.
M073	Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Sealed Sources
M074	Nuclear Sources and Services Inc. Sealed Source Certificates NSR-GB 2104 to 4471-Schlumberger Well Services (Owner)
M075	OSR - Manufacturer's Data -Pkg-002, Monsanto - Texas Nuclear Division; Pu8Be-497
M076	OSR - Manufacturer's Data -Pkg-002, Monsanto - Schlumberger Well Services; AmBe-2155 thru 2176
M077	OSR - Manufacturer's Data - Pkg-002 Medtronic - Battery Data Technical Report on the Medtronic TM Model 9000 Isotopic Pulse Generator
M078	OSR -Manufacturer's Data - Pkg-002 Monsanto - Schlumberger; AmBe-3353 thru 3507

Source Document Number	Document Title
M079	OSR - Manufacturer's Data - Pkg-002 TWCP - 05659 Mound/Monsanto Source Design Data Monsanto - Schlumberger; AmBe-3016 thru 3080
M080	OSR - Manufacturer's Data - Pkg-002 Mound/Monsanto Source Design Data Monsanto - Schlumberger; SWS-3548 thru 3587
M081	Radioactive Source Test Report
M082	Material Transfer Form - Leased Material (Monsanto Research Corporation to University of Nebraska)
M083	Registry of Radioactive Sealed Sources and Devices
M084	Registry of Radioactive Sealed Sources and Devices
M085	Registry of Radioactive Sealed Sources and Devices (No: IL-604-D-801-S)
M086	RDECOM Edgewood; C5279
M087	Manufacturer's Data- Pkg-002 VA Medical Center; Siemens Anatomical Markers Registry of Radioactive Sealed Sources and Devices
M088	OSR-Manufacturer's Data - Pkg-002 Commonwealth Virginia; AmBe-1557; Model 2725
M089	OSR-Manufacturer's Data - Pkg-002 TWCP- 05659 Mound/Monsanto Monsanto -J.L. Shepherd, Inc.; Serial Numbers Pu8Be-436 and 437; Model #2725B
M090	OSR-Manufacturer's Data - Pkg-002 Gulf Nuclear - Test Data Test Results on Model 71-1
M091	Brookhaven; Foils #1,2,3,4, 9649, 6286LA; S1828; Shipping record and NMMIS record
M092	OSR-Manufacturer's Data - Pkg-002 Monsanto -Seismograph Service Corp; Pu8Be 273 thru 292
M093	Shipping Data Plutonium Neutron Source
M094	OSR-Manufacturer's Data - Pkg-002 Monsanto - J.L. Shepherd & Associates; MRC- Pu8Be-496 and 437; Model #2725B?
M095	U.S. Department of Energy Nuclear Material Transaction Report
M096	Sealed Radioactive Source Test Report
M097	Sealed Radioactive Source Test Report
M098	Registry of Radioactive Sealed Sources and Devices
M099	Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device (Amended in its Entirety)
M100	Neutron Sources
M101	Registry of Radioactive Sealed Sources and Devices
M102	Radioactive Source Test Report
M103	Radioactive Source Test Report
M104	Radioactive Source Test Report
M105	Sealed Radioactive Source Test Report
M106	Amersham Catalog Information (partial)
M107	IAEA Certificate of Competent Authority Special Form Radioactive Material Certificate Number USA/0357/S, Revision 6
M108	Qal-Tek Associates Instrumentation and Professional Services

Source Document Number	Document Title
M109	Sources Catalog from AEA Technology
M110	OSR-Manufacturer's Data - Pkg-002 Monsanto-Defense Personnel Support Center; Am-1506 thru 1525; Model 2704
M111	Amersham Catalog (portion)
M112	Registry of Radioactive Sealed Sources and Devices (Amended in its Entirety)
M113	OSR-Manufacturer's Data - Pkg-002 Monsanto-Ohmart Corp; Am--241; Model 2438
M114	Amersham Catalog
M115	OSR-Manufacturer's Data - Pkg-002 Schlumberger - Sealed Source Certificates NSR-F A-1111 A2325
M116	OSR-Manufacturer's Data - Pkg-002 Halliburton - Source Certificates
M117	OSR - Manufacturer's Data - Pkg-002 TWCP-05659 Mound/Monsanto Source Design Data Monsanto- Schlumberger; AmBe-3016 thru 3080
M118	OSR - Manufacturer's Data - Pkg-002 Monsanto- Portland Gas and Electric; Pu8Be-359; Model 2722-B
M119	CH AK8 Evaluation to Add Containers to CCP-AK-LANL-8; 5/15/06 - 4/11/07
M120	Table of Excess Sealed Sources of Isotopic Material
M121	Shipping Data Forms for Monsanto Sources at Brookhaven
M122	Monsanto Manufacturing Orders for Pu-238/Be Sources for Brookhaven
M123	Manufacturing Specifications for Sources for Schlumberger Well Services
M124	Manufacturing Specifications for Sources for Seismograph Service Corp
M125	"Manufacturer Data (NSSI), Gammatron to Birdwell, Sealed Source Certificates for Serial Number BP-01 T0-28 AND BP-100 TO -105
M126	Engineering Specifications for Sources for Seismograph/Birdwell.
M127	Accufix Correspondence to LANL Radioactive Materials License, Reports on Nuclear Ommni-Stanicor Pacer Model 184A, 184B,
M128	Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Devices for Nuclear Powered Cardiac Pacemakers (NR-975-D-801-S) and Miniature Nuclear Batteries (CA309D102S, CA309D101S)
M129	Mound/Monsanto Source design Data, Monsanto to Kennedy Space Center, NASA, Pu8Be Model 2723, TWCP-07185.
M130	Gulf General Atomic, Battery Data, Radiological Safety of Miniature Nuclear Batteries
M131	Gulf General Atomic, Alcatel, Hitman, Miniature Nuclear Battery Design Specifications, TWCP- 05666
M132	NMMSS Report extracts as of 12-31-85 on Sealed Sources # SS-1 and # SS-2, MRC Shipping Data to Seismograph and to JF Kennedy Space Center-NASA, Gulf General Atomic Data on Miniature Nuclear Batteries.
M133	Characterization of AM-241/Be/CS-137 Combination Sources
M134	Amersham source test reports for Am241/Be sources in drum LA00000062310
M135	Troxler Source Data from Monsanto Research Corporation Engineered Products Department
M136	Amersham and Monsanto Source Activity Information for Am241/Be Sources in drum LA00000062753

Source Document Number	Document Title
M137	Amersham Radioactive Sealed Source Test Reports for Am241/Be Sources "NJ series" in drum LA00000062753
M138	Registry of Sealed Sources and Devices Safety Evaluation of Sealed Source (Amended In Its Entirety) AMN.V997, AMN.V340
M139	Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Device, Troxler Depth Moisture Probe model 1255 and 1257
M140	Shipping File Documentation Listing Location: Florida State University
M141	Amersham International and Monsanto Corp. Source Activity Information on Am241/Be Sources Present in drum LA00000062305
M142	OSR-Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Device, Troxler Asphalt Content Gauge containing Amersham Sources Model No. AMNV.340, AMNV.339
M143	AK Documentation for Characterization BDR LA07-OSR-CH-013, drums LA00000061600, LA00000061661, LA00000061566, LA00000061596, LA00000062761
M144	AK Documentation for Characterization BDR LA08-OSR-CH-001, drums 64000, 64001, 64003, 64004, 64005, 64006, 64007; 64008, 64009, 64010, 64012
M145	IAEA Certificate of Complete Authority Special Form Radioactive Materials Certificate Number USA/0695/S-96, Revision 3
M146	AK Documentation for Characterization BDR LA08-OSR-CH-002, drums: LA00000061459, LA00000061460, LA00000061461, LA00000061570, LA00000061659, LA00000064014
M147	AK Documentation for Characterization BDR LA07-OSR-CH-010, drums: LA00000062775, 62774, 62773, 62772, 62771, 61591, 62762
M148	AK Documentation for Characterization BDR LA08-OSR-CH-003, drum LA00000061567
M149	Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device (LA08-OSR-VE-004)
M150	Manufacturing order for MRC AmBe neutron source model 2726-B, serial number AmBe 2951 for IAEA project in Ecuador, TWCP-07079
M151	AK Documentation for Characterization BDR LA08-OSR-CH-006, drums: LA00000058701, LA00000058727, LA00000058798, LA00000061509, LA00000062720, LA00000062721
M152	AK Documentation for Characterization BDR LA08-OSR-CH-005, drum: LA00000060281
M153	AK Documentation for Characterization BDR LA08-OSR-CH-008, drums: LA00000064002, LA00000064011, LA00000062763, LA00000062764, LA00000059909, LA00000059918, LA00000059919
M154	AK Documentation for Characterization BDR LA08-OSR-CH-010, drums: LA00000062708, LA00000062712, LA00000062713
M155	AK Documentation for Characterization BDR LA08-OSR-CH-009, drums: LA00000058684, LA00000059901, LA00000060090, LA00000060207
M156	AK Documentation for Characterization BDR LA08-OSR-CH-012 drum: LA00000060302
M157	AK Documentation for Characterization BDR LA08-OSR-CH-014 drums: LA00000060216, LA00000060364, LA00000060341, LA00000060358, LA00000060327, LA00000060344, LA00000060380, LA00000060343, LA00000060368
M158	AK Documentation for Characterization BDR LA08-OSR-CH-015 drums: LA00000060346, LA00000060348, LA00000060351, LA00000060352, LA00000060354, LA00000061403, LA00000061404, LA00000061405
M159	AK Documentation for Characterization BDR LA08-OSR-CH-016 drums: LA00000060374, LA00000060375, LA00000060388, LA00000060394, LA00000061687

Source Document Number	Document Title
M160	AK Documentation for Characterization BDR LA08-OSR-CH-017 drums: LA00000058638, LA00000060223, LA00000060389, LA00000060391, LA00000062388, LA00000064038
M161	AK Documentation for Characterization BDR LA08-OSR-CH-018 drums: LA00000058794, 60224, 60230, 60360, 61409, 61505, 62309
M162	AK Documentation for Characterization BDR LA08-OSR-CH-019 drums: LA00000059900, LA00000061635, LA00000061662, ,LA00000062767, LA00000064069, LA00000064074, LA00000064075, LA00000064076
M163	AK Documentation for Characterization BDR LA09-OSR- CH-001 DRUMS: LA00000059961, LA00000061594, LA00000061695, LA00000064047, LA00000064049, LA00000064066
M164	AK Documentation for Characterization BDR LA09-OSR-CH-002 drums: LA00000064060, LA00000064061, LA00000064062, LA00000064063, LA00000064065
M165	AK Documentation for Characterization BDR LA09-OSR-CH-003 drum: LA 0000004046
M166	AK Documentation for Characterization BDR LA09-OSR-CH-004 drums: LA00000064040
M167	AK Documentation for Characterization BDR LAO9-OSR-CH-006 drums: LA00000061674, 61679, 61680, 61681, 61682, 61683, 61684, 61685, 61686, 61689, 61690, 61692, 62766, 64048, and 64073.
M168	AK Documentation for Characterization BDR LA09-OSR-CH-007 drums: LA00000061493, 61664, 61666, 61667, 61669, 61670, 61671, 61675, 61676,61677, 61678, 61691, 64039, 64071
M169	AK Documentation for Characterization BDR LAO9-OSR-CH-005 drums: LA00000061641, 61642, 62300, 62312, 62717, 64036, and 64070.
M170	AK Documentation for Characterization BDR LAO9-OSR-CH-015 drums: LA00000062746, 62747, 62748, 62750, 62751, 64050, 64507, 64508, 64515, 64521, 64522, 64524.
M171	AK Documentation for Characterization BDR LA09-OSR-CH-009 drums: LA00000060381, 64517, 64518, 64520.
M172	OUO - Reducing Nuclear and Radiological Threats Worldwide Office of Global Threat Reduction Internal Control Procedures to Verify and Certify Performance Results REV2. November 2008
M173	OSRP Documentation and Calculations for Current and Projected Recoveries
M174	AK Documentation for Characterization BDR LA09-OSR-CH-017 drums: LA00000062776, LA00000064523, LA00000064526, LA00000064528, LA00000064529, LA00000064530.
M175	AK Documentation for Characterization BDR LA10-OSR-CH-003 drums: LA00000058730, 58749, 58762, 59944, 59945, 59966, 59967, 59969, 59977, 59978, 59979, 59980, 59992, 59998, 60001, 60057, 60257, 60306, 60307, 60313.
M176	AK Documentation for Characterization BDR LA10-OSR-CH-005 drums: LA00000059985, 59988, 59994, 59991, 59999, 60003, 60009, 60017, 60018, 60020, 60021, 60027, 60028, 60029, 60031, 60032, 60035, 60037, 60046, and 60050.
M177	AK Documentation for Characterization BDR LA10-OSR-CH-006 drums: LA00000058728, 58729, 58731, 58732, 58733, 58734, 58735, 58736, 58737, 58738, 58739, 58740, 58741
M178	AK Documentation for Characterization BDR LA10-OSR-CH-004 drums: LA00000064041, LA00000064042, LA00000064043, LA00000064044, LA00000064549
M179	AK Documentation for Characterization BDR LA10-OSR-CH-008 drums: LA00000059952, 59953, 59955, 59957, 59958, 59984, 59986, 59987, 59989, 59990, 59991, 59993, 59996, 60013, 60015, 60033, 60034, 60036, 60038, 60043
M180	AK Documentation for Characterization BDR LA10-OSR-CH-009 drums: LA00000059933, 59935, 59937, 59939, 59946, 59947, 59951, 59964, 59965, 59970, 59974, 59975, 59976, 60041, 60055, 60058, 60060, 60068, 60069, 60071

Source Document Number	Document Title
M183	AK Documentation for Characterization BDR LA10-OSR-CH-007 drums: LA00000058742, 58743, 58744, 58745, 58746, 58747, 58769, 58770, 58776, 58787, 58788, 58789, 58790, 58791
M184	AK Documentation for Characterization BDR LA10-OSR-CH-010 drums: LA00000059962, 59963, 59968,59981,60004, 60006, 60008, 60010, 60016, 60019, 60022, 60023, 60024, 60025, 60026, 60030, 60039, 60053, 60309, 60310
M185	AK documentation for Characterization BDR LA10-OSR-CH-011 drums: LA00000060040, 60042, 60044, 60045, 60047, 60049, 60052, 60054, 60059, 60062, 60063, 60064, 60066, 60067, 60070, 60074, 60075, 60200, 60308, 60311
M186	AK documentation for Characterization BDR LA10-OSR-CH-012 drums: LA00000060077, 60237, 60238, 60241, 60242, 60246, 60248, 60250, 60253, 60254, 60255, 60274, 60275, 60312, 60325, 60328, 60330, 60333, 60339, 60340
M187	AK documentation for Characterization BDR LA10-OSR-CH-013 drums: LA00000059923, 59943, 60073, 60244, 60247, 60258, 60260, 60273, 60283, 60285, 60286, 60289, 60292, 60298, 60299, 60319, 60323, 60335, 60336, 60337
M188	AK Documentation for Characterization BDR LA10-OSR-CH-014 drums: LA00000058706, 58748, 58750, 58764, 58765, 58771, 58772, 58773, 58774, 58775, 58777, 58780, 58781, 58782, 58783, 58784, 58785, 58786, 60355, 61518
M189	Manufacturing Order for Sources A2675-A2699; A3001-A3115 - for Schlumberger
M190	Manufacturing Orders from Monsanto for Sources A3001-A3014; A3015-A3026; A3027-A3041; A3042 - A3069; A3070-A3089; and A3090-A3117
M191	AK Documentation for Characterization BDR LA10-OSR-CH-017 drums: LA00000060098, 60314, 60316, 60320, 60321, 60322, 60324, 60326, 60329, 60331, 60332, 60334, 60338, 60345, 60347, 60356, 61519, 61524,61527, & 61624.
M192	AK Documentation for Characterization BDR LA10-OSR-CH-016 drums: LA00000064051, 64052, 64577, 64578, 64583.
M193	AK documentation for characterization BDR LA10-OSR-CH-018 drums: LA00000059954, 60218, 60233, 60243, 60245, 60249, 60251, 60256, 60262, 60263, 60264, 60268, 60269, 60282, 60284, 60287, 60291, 60296, 60317, 60318
M194	AK Documentation for Characterization BDR LA10-OSR-CH-019 drums: LA00000059931, 59938, 59940, 59941, 59942, 59956, 59959, 60007, 60076, 60201, 60259, 60261, 60265, 60267, 60270, 60271, 60272, 60288, 60305, 60366
M195	AK Documentation for Characterization BDR LA10-OSR-CH-021 drums: LA00000058751, 58779, 59982, 59983, 59995, 60000, 60002, 60005, 60011, 60012, 60014, 60061, 60065, 60072, 60221, 60239, 61539
M196	AK Documentation for Characterization BDR LA10-OSR-CH-002 drum: LA00000064550.
M197	BDR LA10-OSR-CH-001 DRUMS LA00000064020, 64033, 64034, and 64536.
M198	AK Documentation for Characterization BDR LA10-OSR-CH-022 drums: LA00000058686, 59902, 59903, 59910, 60217, 60219, 60220, 60232, 60349, 60357, 60359, 61410, 61604
M199	AK Documentation for Characterization BDR LA11-OSR-CH-001 drums: LA00000064018, 64019, 64511, 64534, 64580, 64581, 64597
M200	AK Documentation for Characterization BDR LA11-OSR-CH-002 drums: LA00000058797, LA00000061411, LA00000062709, LA00000064553, LA00000064592
M201	AK Documentation for Characterization of the LA11-OSR-CH-003 drums: LA00000062710, 64554, 64582, 65404, and 65409
M202	AK Documentation for Characterization BDR LA11-OSR-CH-005 drums: LA00000065405, 65406, 65407, 65408, 65410, 65411.
M210	Catalog And Price List Alpha, Heat, And Neutron Sources From Plutonium-239 & Threshold Detectors From Plutonium-239, Neptunium-237, Uranium-238

Source Document Number	Document Title
M211	Monsanto Research Corporation Shipping Data Form
M222	Neutron Sources
M224	AK Documentation for Characterization BDR LA11-OSR-CH-004 drums: LA00000058754, 58757, 58763, 58767, 58768, 60208, 60210, 60211, 60212
M226	Sources of Alpha-, Beta-, Gamma- And Neutron Radiation Catalog
M229	AEC/DOE Isotope Sales 1964-1987
M234	AK Documentation for Characterization BDR LA11-OSR-CH-008, drums: LA00000064081, LA00000064545, LA00000064546, LA00000064547, LA00000064556, LA00000064559, LA00000064560, LA00000064561, LA00000064562, LA00000064585, LA00000065413, LA00000065460
M235	AK Documentation for Characterization BDR LA11-OSR-CH-009 drums: LA0000005443, LA00000065417
M236	AK Documentation for Characterization BDR LA11-OSR-CH-006, drums: LA00000064540 and LA00000064595
M237	AK Documentation for Characterization BDR LA11-OSR-CH-010 drum: LA00000065416.
P001	CCP-TP-069 *CCP Sealed Source Visual Examination and Packaging*
P002	CCP-TP-101, *CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization*
P003	Off-Site Source Recovery Transuranic Waste Interface Document (TWID)
P004	Recovery, Transport, and Storage of Off-Site Source Recovery Project Material
P005	OSRP - VOC Evolutions from Packaging Materials
P007	NRD Shipping File

Attachment 1 – Figures

Figure 1 – Location Map for LANL Technical Areas (TA) (Reference M029)

Figure 2 – Detailed map of LANL Technical Area (TA)-3 (Reference M029)

Figure 3 – Map of TA-18 Interim Storage (Reference M030)

Figure 4 – Map of TA-54 TRU Waste Storage Domes (Reference M030)

Figure 5 – Map of TA-55 (Reference M030)

Figure 1. Location Map for LANL Technical Areas (TA) (Reference M029)

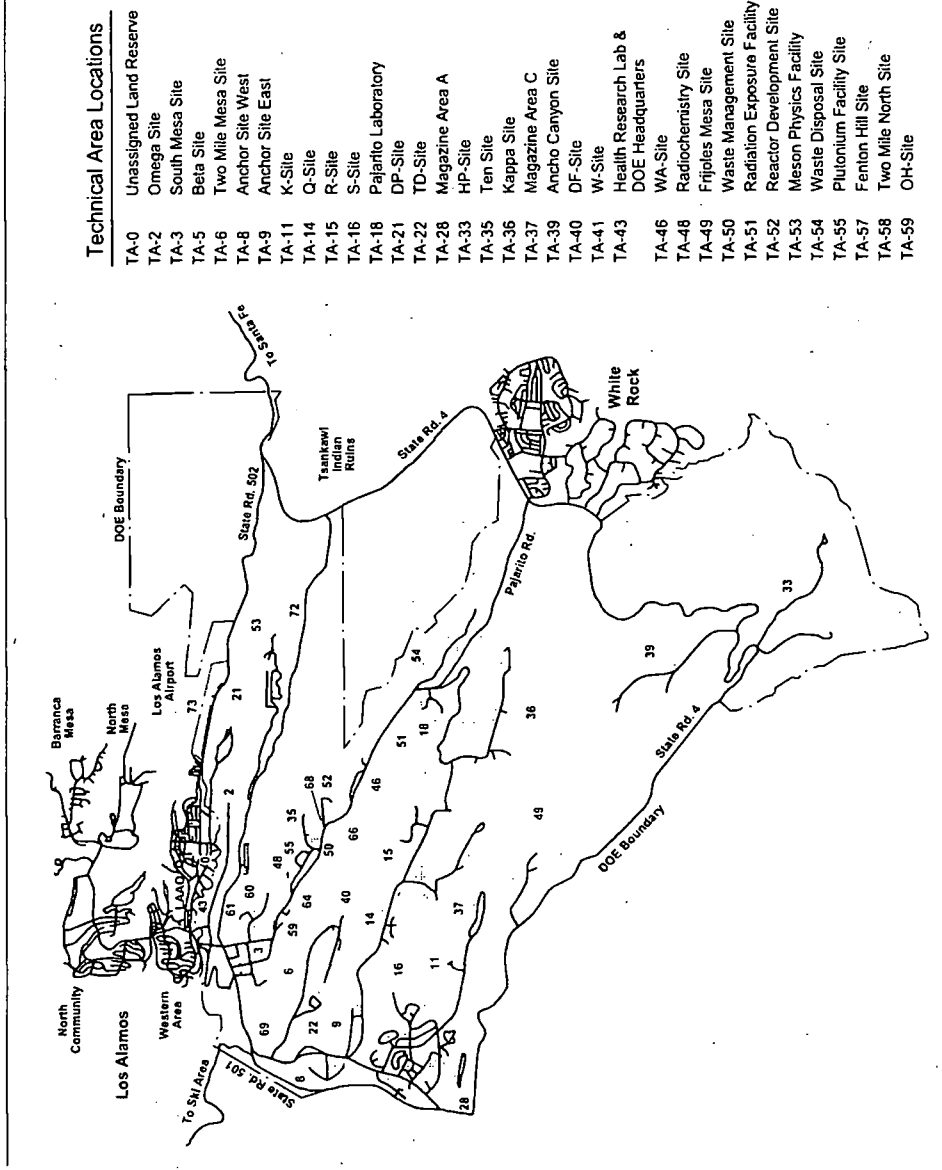
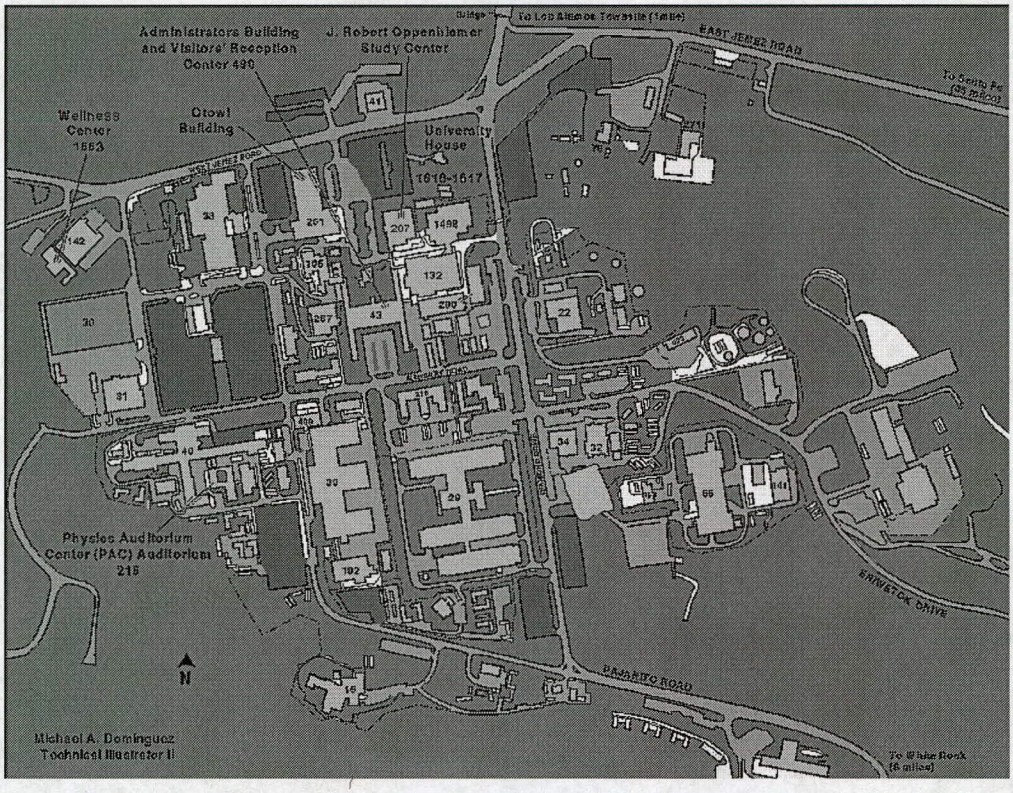


Figure 2. Detailed Map of LANL Technical Area (TA)-3 (Reference M029)



- TA-3, SM-30, initial receipt of OSRP sealed sources at LANL
- TA-3, SM-29 (CMR facility), interim storage and visual examination of OSRP sealed sources

Figure 3. Map of TA-18 Interim Storage (Reference M030)

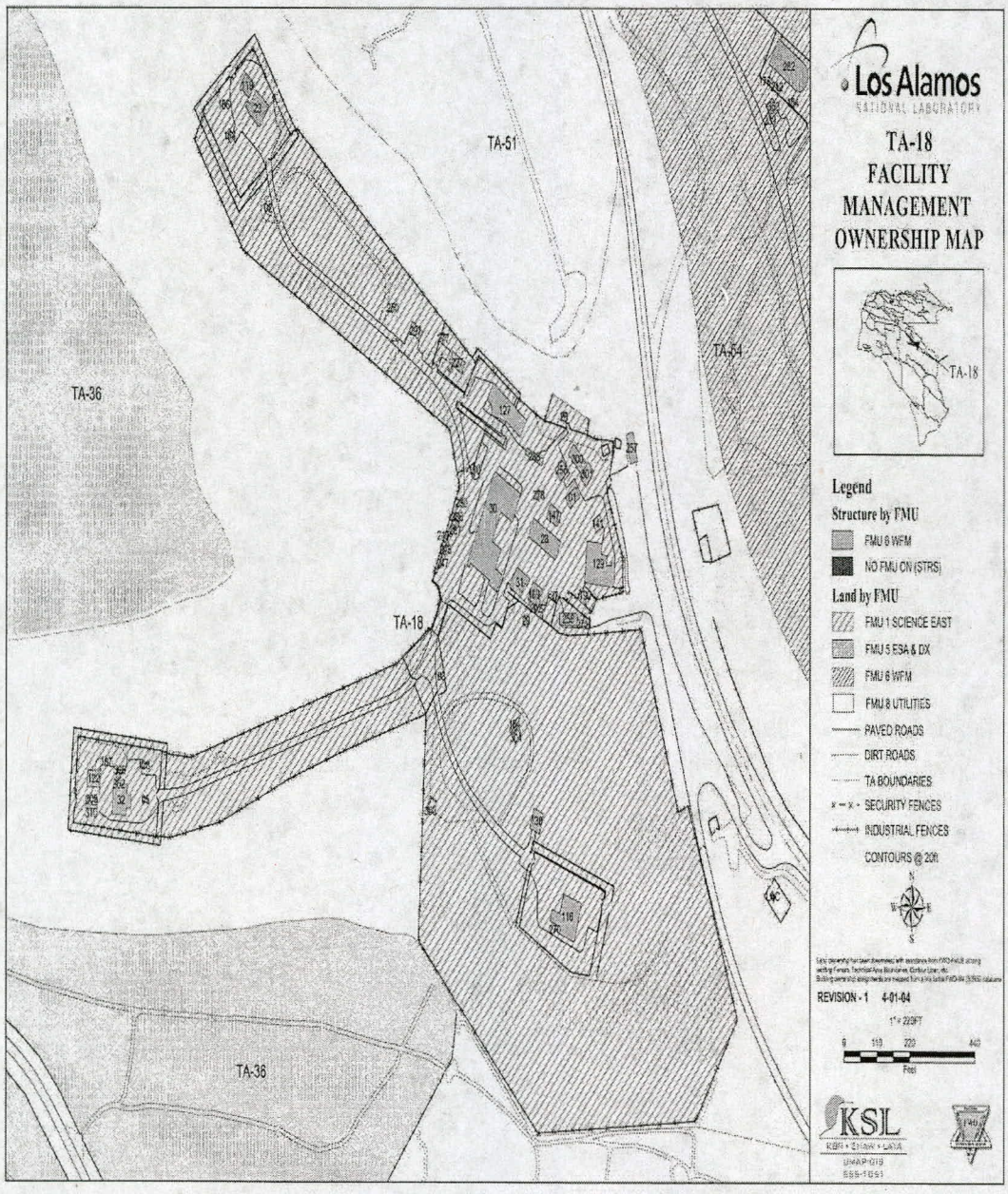


Figure 4. Map of TA-54 TRU Waste Storage Domes (Reference M030)

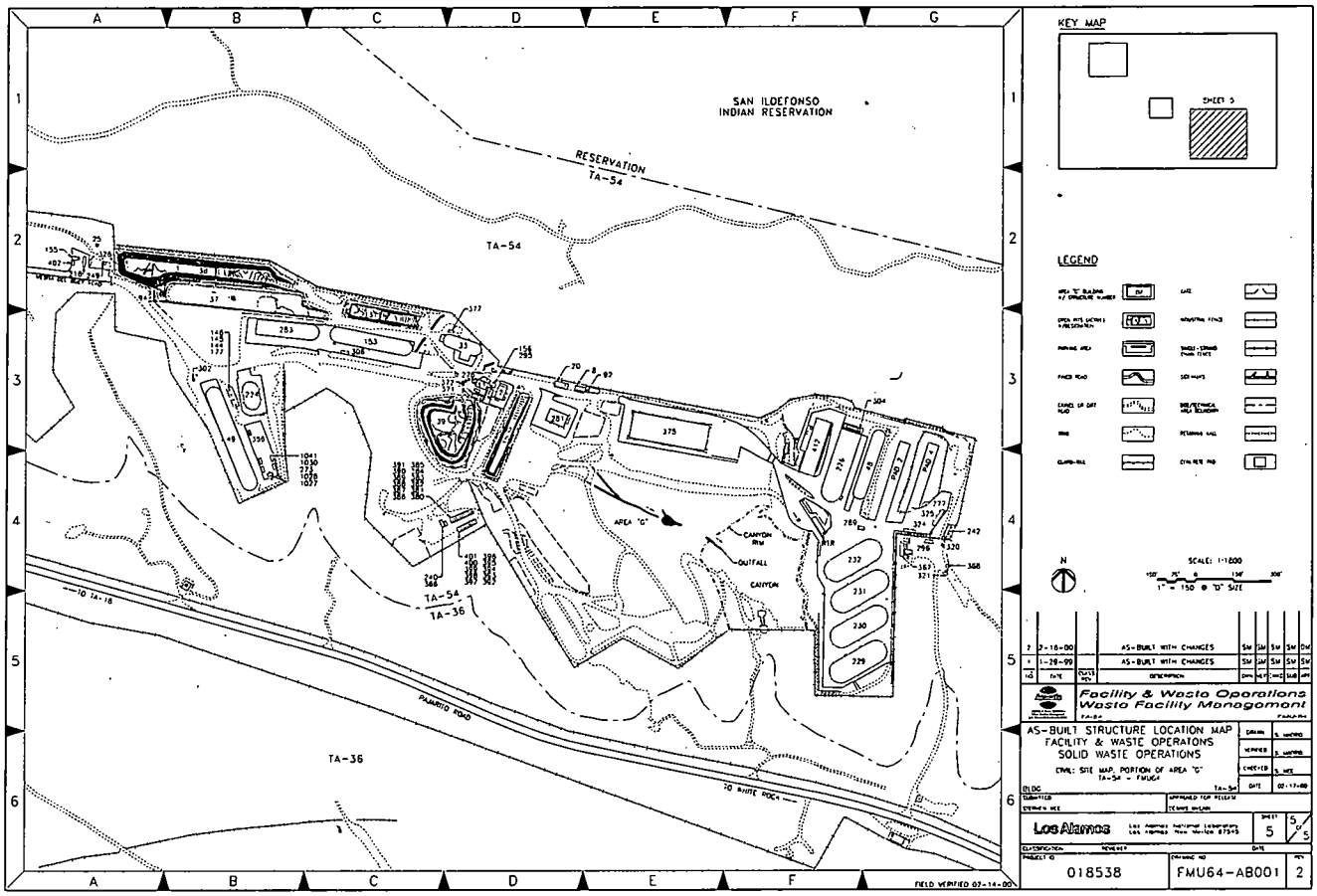
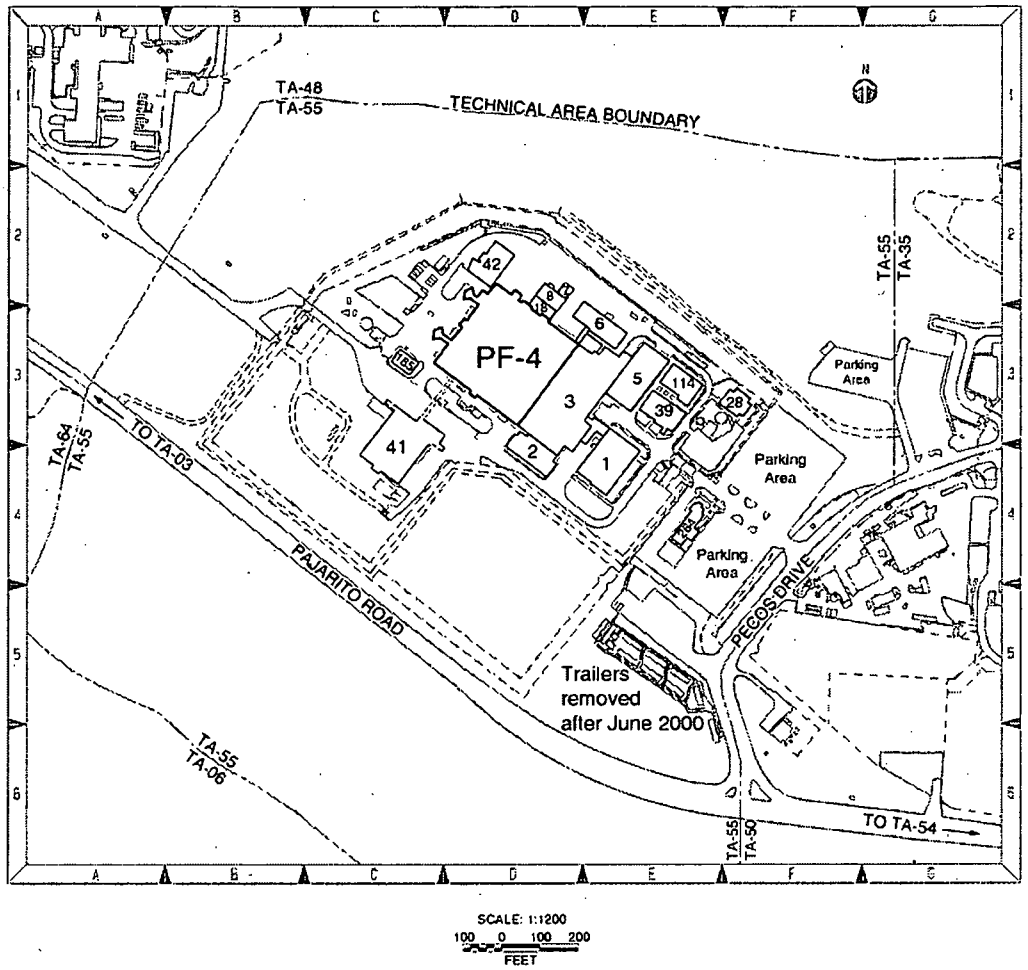


Figure 5. Map of TA-55 (Reference M030)



Note: The Plutonium Facility, Building PF-4, is labeled PF-4 on this map.

Attachment 2 – Projected OSRP Waste Volumes

Numbers of OSR Sources Recovered

Year	Alpha-Nuclides WIPP	Beta-Gamma including SCATR	Other Nuclides	α/(α+β+γ+scatr)	α/(α+β+γ+scatr+other)
FY2006	1564	386	211	0.80	0.72
FY2007	1483	199	143	0.88	0.81
FY2008	1051	950	446	0.53	0.43
FY2009 to 9/30/09	1303	2041	1029	0.39	0.30
Total Drum Predictions for FY2010-2025*					1128 drums
Source References: M172, M173					

*The Congressional metric for FY09 was 3598 total sources (includes alpha and beta-gamma and other radionuclides). FY09 is considered to be a representative year for future OSRP recoveries. The assumption for the future number of alpha/TRU sources recovered yearly will be based on the value of 40% obtained for FY09, for the ratio of TRU sources to the total number of alpha, beta, gamma, and Source Collection and Threat Reduction (SCATR) sources recovered by OSRP.

1. The number of alpha sources to be recovered in FY09 is: number of alpha sources = 0.4*3598= 1439 sources.
2. The average activity of alpha sources recovered is 1Ci.
3. Assume an average activity loading per drum of 17.5Ci, which is half of the maximum packaging limits set by transportation and contact dose, of 35Ci.
4. Calculation of number of sources per drum based on average activity drum loading and average alpha source activity: number of sources/drum = 17.5 Ci/ 1Ci/source = 17.5 sources/drum.
5. Predicted number of drums to be recovered based on the metric set for FY09 of 1439 sources, and average amount of sources/drum: number of drums = 1439 source/17.5 sources/drum = 82 drums.
6. Predicted number of TRU drums for the FY 2010-2025 assuming a total of 19739 of TRU sources to be recovered: number of drums = 19739 source/17.5 sources/drum = 1,128 drums.

Attachment 2 – Projected OSRP Waste Volumes (Continued)

Projected Recoveries for FY 2010-2025 by Isotope

	Pu-238	Pu-239	Am-241
Sources Recovered in FY 2009 to 9/30/2009	65	132	1,106
% TRU Sources Recovered by Isotope	4.99	10.13	84.88
Projected # Sources to be Recovered in FY 2010-2025	985	2,000	16,755
Drums recovered in FY 2009 to 9/30/2009	12	14	25
% Drums Recovered by Isotope	24	27	49
Projected # Drums to be Recovered in FY2010-2025	265	310	553
Source References: M172, M173			

Calculations for Projected Recoveries:

The prediction of number of sources to be recovered between FY2010-2025 is based on the % of TRU sources recovered by isotope for FY09 and the number derived out of the Congressional metric for TRU sources to be recovered for the chosen time interval.

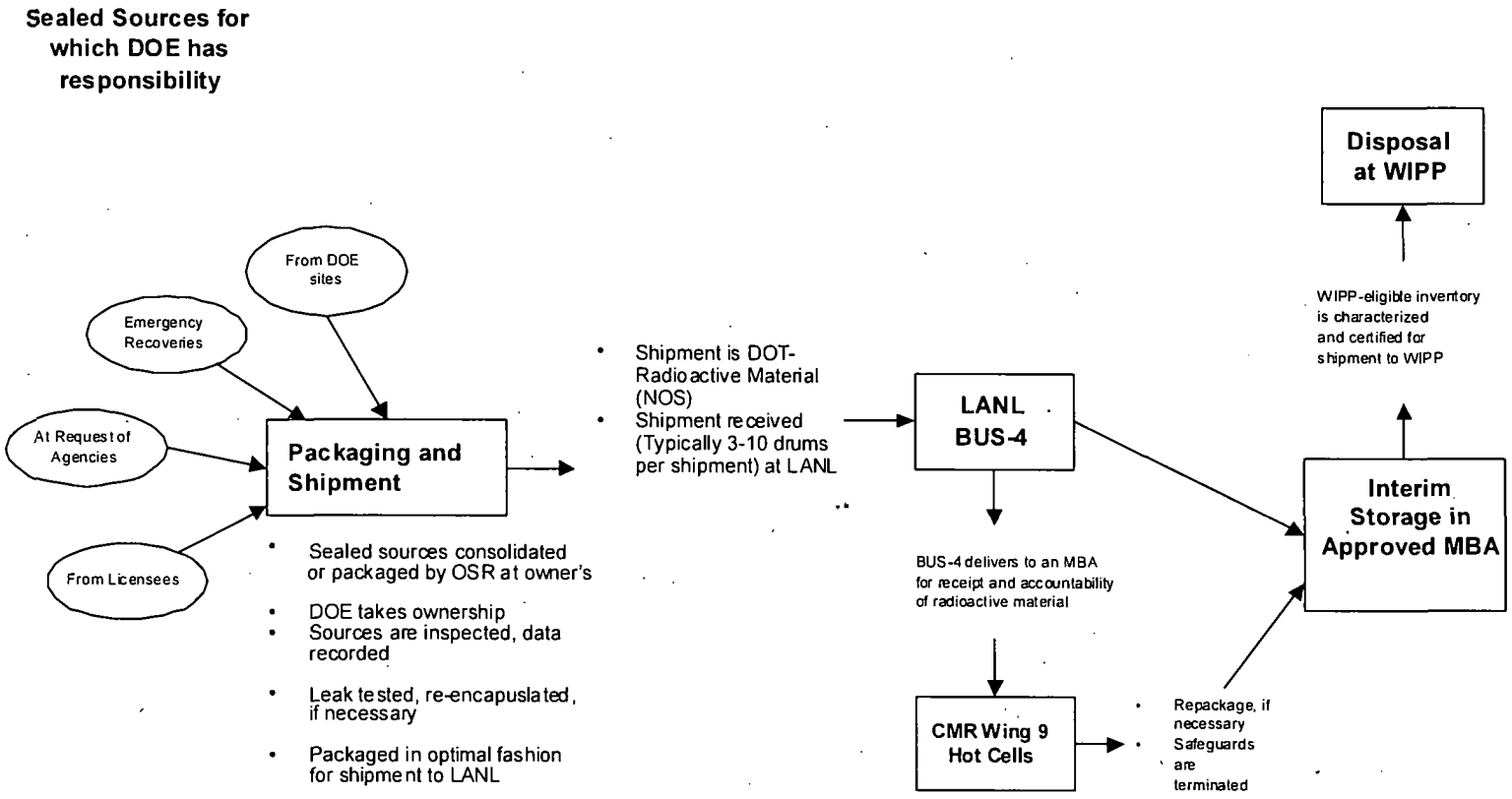
Example of calculations for Pu-238:
% of Pu-238 recovered in FY09 = 65*100/(65+132+1106) = 4.99

Projected Pu-238 #sources for FY2010-2025 = 4.99*19739/100 = 985 sources

% of Pu-238 drums recovered in FY09 = 12*100/(12+14+25) = 24

Projected Pu-238 #drums for FY2010-2025 = 0.24*1128 = 265 drums

Attachment 3 – Schematic of OSRP Process



Legend

CMR	Chemistry, Materials, and Research
MBA	Material Balance Area
NOS	Not Otherwise Specified
SM-30	LANL Receiving Facility at TA-3
BUS-4	Materials Management Organization

Attachment 4 – Regulatory Definitions

10 CFR § 30.4 (1-1-04 Edition): Sealed source means any byproduct material that is encased in a capsule designed to prevent leakage or escape of the byproduct material.

10 CFR § 835.2 (1-1-04 Edition): Sealed radioactive source means a radioactive source manufactured, obtained, or retained for the purpose of utilizing the emitted radiation. The sealed radioactive source consists of a known or estimated quantity of radioactive material contained within a sealed capsule, sealed between layers of non-radioactive material, or firmly fixed to a non-radioactive surface by electroplating or other means intended to prevent leakage or escape of the radioactive material. Sealed radioactive sources do not include reactor fuel elements, nuclear explosive devices, and radioisotope thermoelectric generators.

49 CFR § 173.403: Special Form Class 7 (radioactive) material means Class 7 (radioactive) material which satisfies the following conditions:

(1) It is either a single solid piece or is contained in a sealed capsule that can be opened only by destroying the capsule.

(2) The piece or capsule has at least one dimension not less than 5 millimeters (0.2 inch); and

(3) It satisfies the test requirements of Sec. 173.469. Special form encapsulations designed in accordance with the requirements of Sec. 173.389(g) in effect on June 30, 1983 (see 40 CFR part 173, revised as of October 1, 1982), and constructed prior to July 1, 1985 and special form encapsulations designed in accordance with the requirements of Sec. 173.403 in effect on March 31, 1996 (see 49 CFR part 173, revised as of October 1, 1995), and constructed prior to April 1, 1997, may continue to be used. Any other special form encapsulation must meet the requirements of this paragraph.

Attachment 5 – Description of Typical OSRP Sealed Sources

Type of Sealed Source*	Preparation	Typical Ratio of Mixture with Be*	Final form	Encapsulation	Typical Dimensions of Encapsulated Source	Average TRU Content
Pu-238/Be general neutron sources	Pu-238 oxide mixed with Be metal powder	10 parts Be to 1 part Pu by weight	Hard pellet	Two layers of stainless steel	3" L x 1" dia, 4.2" L x 1.62" dia, 7" L x 1.5" dia	5- 60 Ci 0.3 – 3.5 g
Pu-239/Be general neutron sources	Pu-239, as metal fused in a tantalum crucible with Be metal	2 parts Pu to 1 part Be by weight	Low-grade metal alloy clad with tantalum	Crucible is capped, welded closed, and placed in stainless steel	1" L x 1.5" dia	0.5 - 5 Ci 8 - 80 g
Pu-238 heat sources	Heat source grade Pu dioxide fuel surrounded by three metal layers (tantalum, platinum/ iridium, tantalum)	NA	Hard ceramic disk-shaped	Layer of electric generator surrounded by two layers of titanium	1.05" L x 2.75" dia	mCi - 5 Ci <0.3 g
Am-241/Be general neutron sources	Am-241, in oxide powder form, mixed with Be metal powder	5 parts Be to 1 part Am by weight	Hard pellet	Two layers of stainless steel	1.0" L x 0.5" dia	1 – 8 Ci 0.3 - 2.5 g
Am-241 gamma sources	Am-241 in oxide form, mixed with plastic or ceramic	NA	Foils or pellets	Metal	None given	µCi to mCi

Attachment 5 – Description of Typical OSRP Sealed Sources (Continued)

Type of Sealed Source*	Preparation	Typical Ratio of Mixture with Be*	Final form	Encapsulation	Typical Dimensions of Encapsulated Source	Average TRU Content
Am-241/Be/Cs-137 combination neutron/gamma source	Am-241 in oxide powder form mixed with Be metal powder, Cs Glass (Silicate)	5 parts Be to 1 part Am by weight	Metal encapsulated	Two Layers of stainless steel.	0.6" L x 0.5" dia	40-50 mCi Am-241 10 mCi. Cs-137

* Li or other light elements could be substituted for Be and all source characteristics remain the same.

Reference: OSRP, Summary of Sealed Source Types (References D005, M210, and M211)

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR011
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ *DR - Discrepancy Resolution* ☐ U - Unpublished Documents

Title of Source Document: Discrepancy Resolution of manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services.

Source Document Reference Information (author(s), document and revision number, date, publisher): Monsanto Research Corp (MRC), M189-M190
190, N/A, 10-29-76 to 11-14-80, MRC

AK # [a]	Source Doc. Page # [b]	AK Information Summary
WS3, WS11	Throughout	Describes a discrepency between manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services (See Docs M189 & M190), The Sources are shown to have a maximum activity of 19.99 Ci but manufacture dates vary with different model designators between 1976 to 1981. Latest Source Date will be used to conservatively account for the highest Am-241 value for characterization.

Source Document Data Limitations (if any):

1. Applies to a specific range of Monsanto Sources
2. Applies to specific model NSR-L and NSR-F
3. Best avalible Copies

Acceptable Knowlege Expert:

Christopher Chancellor _____ Date: 04/13/2011

Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

ORIGINAL

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Example Form

Waste Stream Number(s): LA-OS-00-01.001

Waste Stream Description: Non-hazardous sealed sources in pipe overpacks

AK Documentation Type: [ ] TRU Waste Management Program Information [X] Waste Stream Specific Information [ ] Supporting Information

AK Source Document Discrepancy Form Tracking Number: DR011

Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
M189	U	TWCP-06750 – Manufacturing Order for Sources A2675-A2699; A3001-A3115	NA	Monsanto Research Corp (MRC)	4/3/81	Not published	FBSG B 7-19-10
M190	U	TWCP 07045 et al, Manufacturing Orders for Sources A3003-A3014; A3015-A3026; and	NA	MRC	10/29/76 – 11/14/80	Not Publ.	Throughout
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Nature of Discrepancy: There are several manufacturing orders for AmBe neutron sources in the range A3001-A3115 made by Monsanto Research Corp. for Schlumberger Well Services. The sources are shown as having the same maximum activity of 19.99 Ci, but the manufacturing dates vary from 1976-1981 and the model designator is NSR-L (earlier documents) and NSR-F (later document). The manufacturing orders have record numbers TWCP-07045, 07063, 08775, 07334, 07099, 06670 and 06750.

Resolution: To conservatively account for the highest possible Am-241 value, the latest manufacturing date from TWCP-06750 will be used.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth (Print) / Julia Whitworth (Sign) Date: 7/15/10

Site Project Manager: Sue Peterman (Print) / (Sign) Date: 7/19/10

[a]Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

BEST AVAILABLE COPY 4/25/11

MAR 3 0 2011

LANL Environmental Programs (EP) Directorate, Record Transmittal Form

PRINT

To complete this form, see instructions on following pages. Use continuation version of form to list more records. See EP-DIR-SOP-4004 for more information.

Transmittal date: 03/30/2011 Priority Processing? Yes ☐ No ☑ Official Use Only? Yes ☐ No ☑ UCNI? Yes ☐ No ☑ Page 1 of 1

Reference Cited in NMED Deliverables? Yes ☐ No ☑ **Receipt Acknowledgement:** Do you need this form returned to you? Yes ☐ No ☑

Transmitter Information

Z # : 198464 Name: Randy Fitzgerald E-mail: randy_fitz@lanl.gov Transmitters Organization: WDP-TWPS/CCP

Contamination Potential

☑ To the best of my knowledge, the record(s) has no *radioactive* contamination. Signature:

Record Type: Individual Record (no package) ☐ New package ☐ E-mail ☐ Add to existing package (fill in # and title below) ☑ Resubmitted/superseded record (record #) ☐

Package(s) # : Package title(s):

Reference/Retrieval Information

Organization: WDP-TWPS: Central Characterization Project (CCP) –PKG #1776

Record (Package) Contents

Record Title	Media Type	Document Date	Author/Originator	Other Doc. # (e.g. Doc. Catalog #)	Page Count	ERID (RPF only)
Discrepancy Resolution of manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services [AK8 - DR011]	Paper (letter)	07/15/2010	J. Whitworth	AK8 - DR011	25	20733

RPF Use Only: (names and dates)

Accepted: 3/31/11 | Entered | Scanned | QC

EP-DIR-SOP-4004, R2

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 3

Contract No. 094-81A0 MO No.: 821.6130 Rev. No.: 0

Quantity 140 Serial Numbers A2675 THRU A2699; A3001 THRU A3115

Customer:
SCHLUMBERGER WELL SERVICES
P.O. BOX 4175
HOUSTON, TX 77001
ATTEN: FRANCIS CONNER

Purchase Order No. 25299

Date Received 4-2-81

Delivery Required SEE BELOW

Spec. Form Cert. Req'd. ☑ Yes ☐ No

License No. ☑ Yes ☐ No

Additional Documents Required SEND CERT

Shipping Address:
~~SCHLUMBERGER WELL SERVICES~~
~~2250 SCHLUMBERGER STREET~~
~~HOUSTON, TX 77023~~
(9) See Mod Notice 8

Ship: ☐ Prepd. ☑ Coll. ☑ Prepd. & Chg.

FOB: ☑ Dayton ☐ Destination

Ship Via ~~AIR FRT~~ (9) Motor FRT

(9) Received Cert from NSSI

(1) CONTROL CLASS # 1

Manufacturing Instructions:

MANUFACTURE 140 SWS NSR-F AmBe NEUTRON SOURCES. NEUTRON OUTPUT: 4.0 X 10^7 n/s (+0.6, -0.0) MAXIMUM CURIE CONTENT: 19.99 CURIES OF Am-241

(3) See new DELIVERY BELOW (PG 2)

(1) ~~DELIVERY: 10-11/5/82~~
~~13-12/3/82~~

RELEASED FOR MANUFACTURING
For M. O. NO. 821.6130
Contract No. 094-81A0
Date 9-26-84 By: Lgh
Copy No. 2
Return to Document Control for Disposal

Engineering Notice/Release:

CONSTRUCT 140 AmBe SOURCES PER DWGS H-126024 REV A H-126038 REV D AND H-142107 REV C. SPECS H-126025 REV B H-209986 REV B. H-142621 REV C AND H 251923 REV A MUST BE MET.

SUGGESTED LOADING.
5.540 GMS OF AmO$_2$
27.060 GMS OF BERYLLIUM
A MINIMUM PELLET STACK LENGTH 2.439"

MAXIMUM LOADING
6.953 GMS OF AmO$_2$
31.270 GMS OF BERYLLIUM
MINIMUM PELLET STACK LENGTH 2.710"

Meets: ☒ Special Form ☐ Normal Form

Released for Manufacture
By: Harold D. Watson Date: 4-3-81

Authorized Charges:

Engrg. Labor: —

Mfg. Labor: 980 HRS Shop Labor: 350 HRS Isotope (Ci ~~gms~~): 2170 G Am-241

QA/QC Labor: 210 HRS Outside Jobs $22,400 Material: —

Released by: LW Jones Date: 4-3-81 Date released to Engineering: —

NPD-29.2, Rev. 2
8-01-75

FOR INFORMATION PURPOSES ONLY, USE THE FOLLOWING MRC SERIAL NUMBERS: AmBe-4321 thru AmBe-4460

5

F

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 821.6130

Contract No. 094-8140 Customer: SWS

Additional Manufacturing Instructions:

~~DELIVERY QUAN'S~~
~~40 - 1/8/83~~
~~40 - 2/4/83~~
~~37 - 3/4/83~~

NOTE:

THERE IS A BREAK IN THE SEQUENCE OF THE SWS SERIAL NUMBERS TO BE USED ON THIS M.O.

(3) DELIVERY:

20	on	9/1/83
20	on	10/1/83
20	on	11/2/84
20	on	2/6/84
20	on	3/5/84
20	on	4/2/84
20	on	5/7/84

(5) DELIVERY:

20	12/1/83
20	2/8/84
20	6/7/84 ←
20	2/6/85
20	6/5/85
20	9/5/85
20	12/5/85

(8) Ship 10 to WI inventory when cert is received, & then ship remainder 10/week when containers are available.

Additional Engineering Notice:

MARK SOURCES AS PER SPEC H-25123 AND MRC DWG A 24125-A000 REV 1

Minimum weld penetration of inner capsule is .050" Minimum weld penetration of the outer capsule is .040"

Heat Numbers

1 inner ~~plug~~ capsules 304SS heat 847243 Carpenter Steel or Jorgensen A13425

1 inner ~~plug~~ 304SS heat 306467 Copper and Brass Sales or heat 847243 Carpenter steel or Jorgensen A13425

2 outer 18% Ni Maraging steel C150-A Teledyne Vasco

All other heats of material must be approved by engineering and Q.A. prior to final Q.A. acceptance of finished source hardware.

NPD-21
8-01-75

(6)

Schlumberger

SCHLUMBERGER WELL SERVICES

A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 · HOUSTON, TEXAS 77001
ATTENTION: MATERIAL UNIT

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER

SEND INVOICE TO ABOVE ADDRESS

PURCHASE ORDER NO	PAGE
25299	1 of 1
VENDOR NUMBER	DATE
24085	03/20/81
ORIGINATOR/BUYER	
KC /EMC	

TO	SHIP TO	SWS USE ONLY
MONSANTO RESEARCH CORP. 1515 NICHOLAS DAYTON, OH 45407	SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON TX 77023 DEL DOCK ON WEST SIDE OF PLANT	CHARGE CODE CHG. NO. LOCATION CHG. EXPORT CODE DEL. TO HDQ. 77023 DEL. TO NON-HDQ. INVOICE APP'D BY

TERMS	FOB	VIA	COMMODITY CODE
N 30	SP		232

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		07/05/82
02	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		08/06/82
03	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		09/06/82
04	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		10/04/82
05	20		H142108	C	NSR-F NEUT SOURCE AMBE SERIAL NUMBERS 2675-2699, 3001-3115.	302	10495.000	EA		[redacted]

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.

☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION

BY: E M Corder

E. M. CORDER

1469800.00

SWS—2716

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

BEST AVAILABLE COPY

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

Page 1 of 1

MANUFACTURING ORDER

MO No.: 1034-4 Rev. No.: 4

Contract No. 275-GAO Serial Number(s) SWBe 2209 thru 2220

Quantity 12

Customer:
SCHLUMBERGER WELL SERVICES
P.O. Box 2175
HOUSTON, TEXAS 77001

Shipping Address:
2250 SCHLUMBERGER ST
HOUSTON, TEXAS 77023

Purchase Order No. 22761

Date Received 10/1/76

Delivery Required 4-1/15/77 4-2/15/77 4-3/15/77

Spec. Form Cert. Req'd: ☑ Yes ☐ No

License No. ☑ Yes ☐ No

Additional Documents Required Lic. Copy - C.E. Rochester

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.

FOB: ☑ Dayton ☐ Destination

Ship Via MTR FRT

CONTROL CLASS 2

Manufacturing Instructions:

1. FABRICATE AND TEST TO SWS SPECIFICATIONS
2. NEUTRON OUTPUT TOLERANCE OF ± 10% OF SPECIFIED VALUE ON SWS DRWG
3. SOURCES TO BE SAME AS BUILT ON 18F-GAO (MO 1033-6)

Δ Ship date for 3 sources 12-[illegible]-77 on or before

Engineering Notice/Release:

Construct and test the sources per "SWS" Dwgs. H-239681, H-239684, H-239685 and "SWS" specs.: H-209986, H-12602.5, Rev. B. Maximum loading: for Am241 is 19.99 Ci for Be is 30.50 gm. Minimum weld penetration is 100% for Inner capsule and for Outer capsule 100% nominal and 70% (.064") minimum. Inner capsul lid must be flat (no dishing or tispan groove is allowable). Be pellet minimum length 3.48" Make the sources per Customers Dwgs. and NRC license.

Meets: ☑ Special Form ☐ Normal Form

Released for Manufacture

By: DR Date: 10-29-76

RELEASED FOR MANUFACTURING
For M.O. No. 1034-4
Contract No. 275-GAO
Date 10-29-76 By [illegible]

Authorized Charges:

Mfg. Labor: 144 Shop Labor: 5 Engrg. Labor:

QA/QC Labor: 12 Outside Jobs: 2093 Isotope (Ci gms) 192 ci

Issued by: jfs Date: 10/1/76 Released to: ☑ Engineering ☐ Mfgrg. Material:

NPD-29.2, Rev. 2
8-01-75

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FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 1

Contract No. 275-6 A0 MO No.: 1034-4 Rev. No.:

Quantity 12 Serial Number(s) Am-Be 2202 thru 2213

Customer:
Schlumberger Well Services
P.O. Box 2175
Houston, Texas 77001

Shipping Address:
2250 Schlumberger St
Houston, Texas 77023

Purchase Order No. 22761
Date Received 10/1/76
Delivery Required 4-1/15/77 4-2/15/77 4-3/15/77
Spec. Form Cert. Req'd. ☑ Yes ☐ No
License No. ☑ Yes ☐ No

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.
FOB: ☑ Dayton ☐ Destination
Ship Via MTR FRT

Additional Documents Required Lic. Copy - C.E. Rhoten 10-6-76 dgh

CONTROL CLASS 2

Manufacturing Instructions:

1. Fabricate and test to SWS specifications
2. Neutron output tolerance of ± 10% of specified value on SWS drwg
3. Sources code same as built on 18F-6A0 (MO 1033-6)

Engineering Notice/Release:

Construct and test the sources per "SWS" Dwgs: H-239681, H-239684, H-239685 and "SWS" specs.: H-209986, H-126025, Rev. B. Maximum loading: for Am241 is 19.99 ci for Be is 30.50 gm. Minimum weld penetration is 100% for Inner capsule and for Outer capsule 100% minimum and 70% (.064") minimum. Inner capsule lid must be flat (no dishing or trepan groove is allowable). Be pellet minimum length 3.98" Make the sources per Customers Dwgs. and NRC license.

Meets: ☑ Special Form ☐ Normal Form

Released for Manufacture
By: DVR Date: 10-29-76

RELEASED FOR MANUFACTURING
For M. O. No. 1034-4
Contract No. 275-6 A0
Date 11-1-76 By dgh

Authorized Charges:

Engrg. Labor:
Mfg. Labor: 144 Shop Labor: 8 Isotope (Ci ~~gms~~): 192 ci
QA/QC Labor: 12 Outside Jobs: 2093 Material:

Issued by: gs Date: 10/1/76 Released to: ☑ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 • HOUSTON, TEXAS 77001

SEND INVOICE TO ABOVE ADDRESS

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER NO. C1 22761 PAGE OF

VENDOR NUMBER 24081

DATE September 28, 1976

TO	SHIP TO	SWS USE ONLY	
Monsanto Research Nuclear 1515 Nicholas Dayton, Ohio 45407	SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON, TEXAS 77023	CHARGE TO CODE	W.O.
		CHG. ORDER NO.	63-627-951
		LOCATION CHG.	99990
		EXPORT CODE	
		DEL. TO HDQ.	71500
		DEL. TO NON-HDQ.	
		INVOICE APP'D BY	

OR ENGINEERING DESIGN

TERMS: N-30 (03) | F.O.B.: S.P. | CONFIRMING [X] YES [ ] NO | VIA: | COMMODITY CODE: 014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	4		H-239681	-	NSR-L Neutron Radioactive Source	301	3500.00	ea		1-15-77
02	4		H-239681	-	NSR-L Neutron Radioactive Source	301	3500.00	ea		2-15-77
03	4		H-239681	-	NSR-L Neutron Radioactive Source	301	3500.00	ea		3-15-77
					Se[redacted]					
					Hold at Vendor until S.W.S. request delivery					

RELEASED FOR MANUFACTURING
For M. O. 1034-4
Contract 275-680
Date 11-1-76 By dgh

RECEIVED
OCT 1 '76
MONSANTO
NUCLEAR PRODUCTS

CONFIRMING
DO NOT DUPLICATE

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.
Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
[ ] TAXABLE [X] NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: [signature]

SW 1-M

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

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MRC-0-1006 3

FOR ENGINEERING DESIGN

TWCP-08775

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 1 (4)

Contract No. 168-760 MO No.: 811.3790 Rev. No.: 0 (1) (2) (3)

Quantity 14 15 (1) Serial Number(s) Am Be - 2210 thru 2223, 2295

Customer: SCHLUMBERGER WELL SERVICES
P.O. Box 2175
HOUSTON, TX 77001

Shipping Address:
SWS -
2250 SCHLUMBERGER
HOUSTON, TX 77023

Purchase Order No. 23031
Date Received 7-15-77
Delivery Required See Schedule
Spec. Form Cert. Req'd. ☑ Yes ☐ No
License No. ☑ Yes ☐ No
Additional Documents Required Send Cert To C.E. RACSTER 7/25/77 dgh

Ship: ☐ Prepd. ☒ Coll. ☐ Prepd. & Chg.
FOB: ☒ Dayton ☐ Destination
Ship Via SURFACE FREIGHT

CONTROL CLASS 2

Manufacturing Instructions:

1) FABRICATE AmBe NEUTRON SOURCES, TYPE NSR-L PER SWS DWGS & SPECIFICATIONS LISTED. NEUTRON OUTPUT TO BE ±10% OF SPECIFIED VALUE ON SWS SPECS.

2) MARK WITH SERIAL NOS: 3027 - 3040 3041

3) DELIVERY: 9 ea ON 6/9/78
5 ea ON 7/7/78 and 8/4/78

(1) DELIVERY: 5 ea on 6/9/78
5 ea on 7/7/78 and 8/4/78

RELEASED FOR MANUFACTURING
For M. O. NO. 811.3790
Contract No. 168-760
Date 6-13-78 By dgh

Engineering Notice/Release: (15)

Construct and test (14) AmBe Neutron sources per "SWS" Dwgs: H-2396B1, H-2396B4 (2) H-2396B5 and "SWS" Spec's: H-209986, H-126025, Rev. B.
Source loading: for inner type #24 19.99 Ci max, for target Be 29.60 gm. minimum and 30.50 gm. maximum. Weld penetration: 100% for inner capsule and 100% nominal or 70% (.064") minimum for outer capsule. Inner capsule lid must be flat (no dishing or trepaned groove is allowable). Be pellet 3.48" min. Mark the sources per customers Dwgs. and NRC license.

Meets: ☑ Special Form ☐ Normal Form

Released for Manufacture
By: AR Date: 10-4-77

Authorized Charges: (1)

Engrg. Labor: 375 HRS
Mfg. Labor: 126 135 HRS Shop Labor: 9 HRS (1) Isotope (Ci ~~gms~~): ~~240~~ 225 (1)
QA/QC Labor: 42 45 HRS (1) Outside Jobs: ~~$2450~~ 2625 Material: -0-

Issued by: RR TAYLOR Date: 7/25/77 Released to: ☑ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

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MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 801.3790

Contract No. 168-700 Customer: Schlumberger

Additional Manufacturing Instructions:	Additional Engineering Notice:
(2) Added H-239684 Rev A which asks for additional engraving (trefoil + year of manuf)	
(3) Revised delivery dates with change to P.O. Also added the original P.O. to docs list.	
(4) Add Prefix of A- to the Serial No markings	
(4) Delivery Schedule Change 5 on 11-3-78 5 on 12-4-78 5 on 1-3-79	

NPD-21
8-01-75

Schlumberger

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 · HOUSTON, TEXAS 77001

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER NO. 23031 OF
VENDOR NUMBER 24081
DATE July 11, 1977

PURCHASE ORDER

SEND INVOICE TO ABOVE ADDRESS

FOR ENGINEERING DESIGN

TO	SHIP TO	SWS USE ONLY
Monsanto Research Nuclear 1515 Nicholas Dayton, Ohio 45407	JUL 15 1977 SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON, TEXAS 77023	CHARGE TO CODE: W. O. CHG. ORDER NO.: 63-742-951 LOCATION CHG.: 99990 EXPORT CODE: DEL. TO HDQ.: 71500 DEL. TO NON-HDQ.: INVOICE APP'D BY:

TERMS: N-30 (03) | F.O.B.: S.P. | CONFIRMING ☒ YES ☐ NO | VIA | COMMODITY CODE

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	4		H239681	-	NSR-L Radioactive Nutron Source	302	$5,850.00	ea		6/9/78
02	5		H239681	-	NSR-L Radioactive Neutron Source	302	$5,850.00	ea		7/7/78
03	5		H239681	-	NSR-L Radioactive Neutron Source	302	$5,850.00	ea		8/4/78

Note: Serial Numbers 3027 thru 3040

Vendor Note: Deliver on SWS request only.

RELEASED FOR MANUFACTURING
For M. O. NO. 801.3790
Contract No. 168-7CO
Date 10-11-77 By

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY:

SWS-80-1-M

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

VENDOR

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of

Contract No. 201-8AO MO No.: 811.5110 Rev. No.: 0 (2)

Quantity 28 Serial Number(s) AmBe-3310 thru 3337

Customer:
Schlumberger Well Services
P.O. Box 2175
Houston, Tx 77001
Attn: Mr. Ellis M. Corder

Purchase Order No. 23606

Date Received 8-17-78

Delivery Required See Below

Spec. Form Cert. Req'd. [X] Yes [ ] No

License No. [X] Yes [ ] No

Shipping Address: AmBe-3308 thru 3517 (1)
Schlumberger Well Services
2250 Schlumbeger Street
Houston, TX 77023

Ship: [ ] Prepd [X] Coll [ ] Prepd & Chg.

FOB: [ ] [X] Dayton [ ] Destination

Ship Via: Surface Freight

Additional Documents Required: Send CERT to C.E. Rocster 9/21/78

CONTROL CLASS 2

Manufacturing Instructions:

Fabricate AmBe neutron sources as per SWS drawing H-239681 and SWS-specs listed on license. Output: $4 \times 10^7 \pm 3 \times 10^7$ nps

SWS Serial Nos. A3042 thru A3069

Delivery Schedule: 5 on 2-6-79
5 on 3-6-79
NSR-L 5 on 4-6-79
5 on 5-5-79
5 on 6-6-79
3 on 7-6-79

RELEASED TO MANUFACTURING
For M. O. NO. 811.5110
Contract No. 201-8AO
Date 4-19-79 By [signature]

Engineering Notice/Release:

Construct and test (28) AmBe neutron sources per "SWS" Dwgs: H-239681, H-239684 Rev. A, H-239685 and "SWS" specs: H-209986, H-196025 Rev. B.

Maximum isotope Am241 loading 19.99 ci. Be loading as target to be: 29.60 gm. minimum and 30.150 gm. maximum, with 80% density.

Weld penetration: 100% for inner capsule and for outer capsule 100% nominal or 70% (.064") minimum.

Inner capsule lid must be flat (No dishing or stepped groove is allowable

Mark the sources per "SWS" Dwgs. and NRC license.

Meets: [X] Special Form [ ] Normal Form

Released for Manufacture

By: [signature] Date: 8-24-78

Authorized Charges:

Engrg. Labor: N.A.

Mfg. Labor: 252 hrs Shop Labor: 25 hrs Isotope (Ci ~~gms~~): 310 Ci

QA/QC Labor: 84 hrs Outside Jobs: #2296 Material: -0-

Issued by: [signature] Date: 8-24-78 Released to: [ ] Engineering [ ] Mfgrg.

NPD-29.2, Rev. 2
8-01-75

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MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 811.5110

Contract No. 201-8A0 Customer: Schlumberger

Additional Manufacturing Instructions:	Additional Engineering Notice:
(2) Neutron Output: 4.0 (+0.6 -0.0) $\times 10^7$ n/sec according to ASTM E29-67 para 2.3 Absolute Method.	

NPD-21
8-01-75

Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 • HOUSTON, TEXAS 77001

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

SEND INVOICE TO ABOVE ADDRESS

FOR ENGINEERING DESIGN

PURCHASE ORDER NO.	PAGE
1b 23606	OF
VENDOR NUMBER	
24081	
DATE	
August 4, 1978	

TO

Monsanto Research Nuclear
1515 Nicholas
Dayton, Ohio 45407

RECEIVED
AUG 16 1978
MONSANTO
ENGINEERED PRODUCTS

SHIP TO

SCHLUMBERGER WELL SERVICES
5000 GULF FREEWAY
HOUSTON, TEXAS 77023

SWS USE ONLY

CHARGE TO CODE	WO
CHG. ORDER NO.	63-467-951
LOCATION CHG.	99990
EXPORT CODE	
DEL. TO HDQ.	71500
DEL. TO NON-HDQ.	
INVOICE APP'D BY	

TERMS	F.O.B.	CONFIRMING	VIA	COMMODITY CODE
N-30 (03)	S.P.	☒ YES ☐ NO		014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	5		H-239681	-	NSR-L Radioactive neutron source	821	$6,025.00	ea		2-6-79
02	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		3-6-79
03	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		4-6-79
04	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		5-5-79
05	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		6-6-79
06	3		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		7-6-79
					Serial numbers 3042 thru 3069					

RELEASED FOR MANUFACTURING
For M. O. NO. 811.5110
Contract No. 201-820
Date 8-29-78 By dg

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions in the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY:

J-60-1-N

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

TWCP-07099

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of ___

Contract No. 334-9A0 MO No.: 821.5580 Rev. No.: 1

Quantity 20 Serial Number(s) Amb - 3074 thru 3093

Customer:
SCHLUMBERGER WELL SERVICES
P.O. BOX 2175
HOUSTON, TEXAS 77001
ATTN: ELLIS CORDER

Purchase Order No. 24282
Date Received 1-18-80
Delivery Required See Below
Spec. Form Cert. Req'd. ☒ Yes ☐ No
License No. ☒ Yes ☐ No

Shipping Address:
SCHLUMBERGER WELL SERVICES
2250 SCHLUMBERGER STREET
HOUSTON, TEXAS 77023

Ship: ☐ Prepd. ☒ Coll. ☐ Prepd. & Chg.
FOB: ☒ Dayton ☐ Destination
Ship Via SURFACE

Additional Documents Required SEND CERT TO CHUCK RICHESTER 1/22/80

CONTROL CLASS 2

Manufacturing Instructions:

1. FABRICATE 20 CAPSULE SETS PER SWS dwg H-239681 REV A AND SWS SPECS LISTED ON REVERSE
2. OUTPUT: $4.0 \times 10^7 + 0.6 - 0.0 \times 10^7$ n/SEC.
3. SERIAL NOS. A-3070 thru A-3089
4. DELIVERY: 4/month starting 6/6/80 7/11/80; 8/8/80; 9/12/80; 10/10/80.
5. ATTNTION: REVISED DRAWINGS AND SPECS.

RELEASED FOR MANUFACTURING
For M. O. NO. 821.5580
Contract No. 334-9A0
Date 6-9-80 By [illegible]

Engineering Notice/Release:

Construct and Test (20) Am Be neutron sources per "SWS" Dwgs: H-239681 Rev A, H-239694 Rev B, H-239695 Rev A and "SWS" specs: H-209976 Rev P and H-026025 Rev D. Minimum Ag 281 loading 17 Ci. Be loading to be 27.0 gm minimum and 30.50 gm maximum. Weld penetration: .110" for inner capsule and .064" minimum for outer capsule. Inner capsule lid must be flat (no dishing in the weld groove is allowed). Mark the sources per "SWS" Dwgs and NRC Licensee.

Meets: ☒ Special Form ☐ Normal Form

Released for Manufacture
By: [illegible] Date: 1/23/80

Authorized Charges: (HCS)

Mfg. Labor: 220 Shop Labor: 80 Engrg. Labor: —
QA/QC Labor: 20 Outside Jobs: TIDD + ETCH Isotope (Ci ~~gms~~): 320
Material: —

Issued by: KF Date: 1-24-80 Released to: ☐ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

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Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES

A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 · HOUSTON, TEXAS 77001

SEND INVOICE TO ABOVE ADDRESS

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER NO	PAGE
24222	1 or 1
VENDOR NUMBER	DATE
24061	01/10/80
ORIGINATOR/BUYER	
MS /EMC	

TO	SHIP TO	SWS USE ONLY
MONSANTO RESEARCH CORP 1515 NICHOLAS DAYTON OH 45407	SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON, TEXAS 77023	CHARGE CODE CHG. NO. LOCATION CHG. EXPORT CODE DEL. TO HDQ. 77430 DEL. TO NON-HDQ. INVOICE APP'D BY

RECEIVED
JAN 13 1980
MONSANTO
ENGINEERED PRODUCTS

TERMS	F.O.B.		VIA	COMMODITY CODE
N 30	SP	CONFIRMING x YES [ ] NO		014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	4		4259681	A	NSR-L AMEE NEUT SOURCE PACKAGE QUANTITY: 0	302	7035.000	EA		06/06/80
02	4		4259681	A	NSR-L AMEE NEUT SOURCE PACKAGE QUANTITY: 0	302	7035.000	EA		07/11/80
03	4		4259681	A	NSR-L AMEE NEUT SOURCE PACKAGE QUANTITY: 0	302	7035.000	EA		08/08/80
04	4		4259681	A	NSR-L AMEE NEUT SOURCE PACKAGE QUANTITY: 0	302	7035.000	EA		09/12/80
05	4		4259681	A	NSR-L AMEE NEUT SOURCE PACKAGE QUANTITY: 0	302	7035.000	EA		10/10/80

RELEASED FOR MANUFACTURING
For M. O. NO. 821558
Contract No. 334-940
Date 1-28-80 By dgh

SERIAL NUMBERS-3070 - 3089

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
[ ] TAXABLE [X] NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORA
BY: E M Corder
E. M. CORDER

140700.00

SWS-2748

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

VENDOR

IWL-06610

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Contract No. 315-0A0 MO No.: 821-5980 Rev. No.: 0
Quantity 28 Serial Number(s) A3090 THRU A3117

Customer:
SCHLUMBERGER WELL SERVICES
P.O. BOX 2175
HOUSTON, TX 77001

Shipping Address:
SCHLUMBERGER WELL SERVICES
~~5000 GULF FREEWAY~~ 2250 Schlumberger Street
HOUSTON, TX 77023

Purchase Order No. 24721
Date Received 8/18/80
Delivery Required SEE BELOW
Spec. Form Cert. Req'd. ☑ Yes ☐ No
License No. ☑ Yes ☐ No

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.
FOB: ☑ Dayton ☐ Destination
Ship Via MTR FRT

Additional Documents Required SEND COPY TO CHUCK ARESTER

CONTROL CLASS 2

Manufacturing Instructions:
MANUFACTURE 28 SWS NSR-6 AmBe NEUTRON SOURCES
NEUTRON OUTPUT: 4.0×10^7 n/s (+0.6, -0.0)
MAXIMUM CURIE CONTENT: 19.99 CURIES OF Am-241
DELIVERY: 5 - 5/8/81
5 - 6/5/81
5 - 7/10/81

Engineering Notice/Release:
CONSTRUCT 28 SOURCES PER DWG H 239681 REV A, H 239684 REV B AND H 239685 REV A. SPEC H 126025, H 209986 AND H 519123 MUST BE MET.

SUGGESTED LOADING:
5.480 GMS OF AmO_2
28.18 GMS OF Be
WITH A MIN. PELLET LENGTH OF 3.480

MAXIMUM LOADING
6.953 GMS OF AmO_2
33.250 GMS OF Be
WITH A MIN. PELLET LENGTH OF 4.000"

Meets: ☒ Special Form ☐ Normal Form

Released for Manufacture
By: Ronald L. Malson Date: 11-14-80

RELEASED FOR MANUFACTURING
For M. O. NO. 821-5980
Contract No. 315-0A0
Date 12-10-80 By dgh

Authorized Charges:
Engrg. Labor: —
Mfg. Labor: 308 HRS Shop Labor: 113 HRS Isotope (Ci ~~gms~~): 420
QA/QC Labor: 55 HRS Outside Jobs: $4,500 Material: —
Released by: LW Jones Date: 11/11/80 Date released to Engineering: —

NPD-29.2, Rev. 2
8-01-75

FOR INFORMATION PURPOSES ONLY USE THE FOLLOWING MRC SERIAL NUMBERS: AmBe - 3799

20

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 821598O

Contract No. 315-080 Customer: SWS

Additional Manufacturing Instructions:	Additional Engineering Notice:
DELIVERY (CONT'E)	MIN. WELD PENETRATION :
5- 8/7/81	INNER CAPSULE - 100%
5- 9/11/81	OUTER CAPSULE - .024"
3- 10/9/81	
	MARK PER DWG H-239484

NPD-21
8-01-75

Schlumberger

SCHLUMBERGER WELL SERVICES

A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 · HOUSTON, TEXAS 77001
ATTENTION: MATERIAL UNIT

PURCHASE ORDER

SEND INVOICE TO ... ADDRESS

PURCHASE ORDER NO. 24721
VENDOR NUMBER 24085
ORIGINATOR/BUYER KC /LMC
PAGE 1
DATE 08/06/80

TO

MONSANTO RESEARCH CORP.
1515 NICHOLAS
DAYTON, OH 45407

SHIP TO

SCHLUMBERGER WELL SERVICES
5000 GULF FREEWAY
HOUSTON, TX 77023

FOR ENGINEERING DESIGN

RELEASED FOR MANUFACTURING
For M. O. NO 891.5980
Contract No. 315-0A0
Date 12-12-80 By

SWS USE ONLY

CHARGE CODE
CHG. NO.
LOCATION CHG.
EXPORT CODE
DEL. TO HDQ.
DEL. TO NON-HDQ.
INVOICE APP'D BY

TERMS: N 30 | F.O.B.: SP | VIA | COMMODITY CODE: 014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		05/08/81
02	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		06/05/81
03	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		07/10/81
04	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		08/07/81
05	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		09/11/81
06	3		H239681	A	NSR-L AMBE NEUT SOURCE SERIAL NUMBERS 3090 - 3117	302	7270.000	EA		10/09/81

TEXAS SALES TAX PERMIT 1-22-1692681-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: L. C. GERLER

208560.00

SWS—2716

VENDOR

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 12

Contract No. 188-CAO MO No.: 1093-6 Rev. No.: 0 1 (2)

Quantity 12 Serial Number(s) Am Be-364 thru 2657

Customer: SCHLUMBERGER WELL SERVICES
P.O. BOX 2175
HOUSTON, TEXAS 77001

Shipping Address:
2250 SCHLUMBERGER ST.
HOUSTON, TEXAS 77023

Purchase Order No. 22664

Date Received 7/6/76

Delivery Required ~~White~~ 5 EA... 9/19/77

Spec. Form Cert. Req'd. ☑ Yes ☐ No

License No. ☑ Yes ☐ No

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.

FOB: ☑ Dayton ☐ Destination

Ship Via MOTOR FRT

Additional Documents Required Lic. CERT - C.E. PRESTON 7/8/76 dgh

CONTROL CLASS 2

Manufacturing Instructions:

FABRICATE AND TEST TO SWS SPECIFICATIONS; NSR-L

SWS SERIAL Nos. A-3003 THRU A-3014

(2) NEUTRON OUTPUT TOLERANCE TO BE ±10% OF SPECIFIED VALUE ON SWS DRAWING

(6) Ship date for 2 sources should complete this M.O. 12-19-77 23

Engineering Notice/Release:

Construct the source per "SWS" Dwgs: H-239681, H-239684, H-239685 and "SWS" Specs: H-12602-5, Rev. B, H-209980 for construction and testing. Maximum loading: for Am 2.41 to 19.99 c for Be is (3) 30.50 gm. maximum. — Minimum weld penetration is 100% ~~for Beta and~~ Inner capsule. Inner capsule lid must be flat (no dishing or trepan groove is allowable)

Made the source per customer drawings and NRC license.

(3) Be pellet minimum length = 3.48"

Meets: ☑ Special Form ☐ Normal Form

Released for Manufacture

By: V.R. Date: 7-15-76

RELEASED FOR MANUFACTURING
For M. O. NO. 801-336 d
Contract No. 188-CAO
Date 12-12-77 By dgh

Authorized Charges:

Engrg. Labor:

Mfg. Labor: 184 Shop Labor: 8 Isotope (Ci ~~gms~~): 192 cc

QA/QC Labor: 12 Outside Jobs: $ 174.2550 Material:

Issued by: ES Date: 7-16-76 Released to: ☑ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

23

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 1033-6

Contract No. 188-6M0 Customer: Schlumberger Well Services

Additional Manufacturing Instructions:	Additional Engineering Notice:
	(4) Weld penetration for outer capsule to be 100% nominal, 70% (0.064") minimum.

NPD-21
8-01-75

Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 • HOUSTON, TEXAS 77001

SEND INVOICE TO ABOVE ADDRESS

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER NO. 22664 PAGE OF

VENDOR NUMBER 24081

DATE July 6, 1976

TO:
Monsanto Research Nuclear
1515 Nicholas
Dayton, Ohio 45407

SHIP TO:
SCHLUMBERGER WELL SERVICES
5000 GULF FREEWAY
HOUSTON, TEXAS 77023

SWS USE ONLY

CHARGE TO CODE	W.O.
CHG. ORDER NO.	63-689-951
LOCATION CHG.	99990
EXPORT CODE	
DEL. TO HDQ.	71500
DEL. TO NON-HDQ.	
INVOICE APP'D BY	

TERMS N-30 (03) F.O.B. S.P. CONFIRMING [X] YES [ ] NO VIA COMMODITY CODE 014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	6		H-239681	–	NSR-L Neutron Source Per Terms and Conditions on Monsanto quote No. 188-6A0 dated 7-6-76	301	3500.00	ea		9-01-76
02	6		H-239681	–	Ditto	301	3500.00	ea		10-1-76
					Serial No.'s 3003 thru 3014					

RELEASED FOR MANUFACTURING
For M. O. NO. 433-6
Contract No. 188-6A0
Date 7-21-76 By [signature]

CONFIRMING
DO NOT DUPLICATE

RECEIVED ... 14 76 ... MONSANTO ... PRODUCTS

25

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order will be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
[ ] TAXABLE [XX] NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: [signature]

SWS-80-1-M

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR010

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☑ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Discrepancy Resolution re: Certain Dates in NMMSS Database

Source Document Reference Information (author(s), document and revision number, date, publisher): J. Whitworth, DR010, NA, 08/08/2005

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS3, WS11, S8, S9	1	Describes a discrepancy between the 1975 and 1985 versions of NMMSS for the dates 00000 (in 1975) and 9/30/72 (in 1985). Concludes that "dates other than those of 9/30/72 listed in NMMSS should be determined for sources from other documentation, such as shipping papers," if possible. Also summarizes analysis showing that earlier manufacture dates are conservative for Pu-239 sources and later manufacture dates are conservative for Pu-238 sources, in terms of radiological characterization.

Source Document Data Limitations (if any):

1. Best Available Copy(s)
2. Does not provide default dates for affected NMMSS entries.

Acceptable Knowledge Expert:

Jason Montoya [signature] Date: 2/10/15

Print Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 2/10/2015
EPF

DIVIDER PAGE ONLY

Not part of page count

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number: LA-OS-00-01

Waste Stream Description: LANL Off-Site Source Recovery Project Sealed Sources

AK Documentation Type: [ ]TRU Waste Management Program Information [X]Waste Stream-Specific Information [X]Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR010

Tracking #	Category[a]	Title	Document/ Rev #	Author	Date	Publisher	Page #
M020	Unpub	NMMSS Listing of Sealed Sources by RIS	TWCP-06410	Union Carbide	9/30/75	ERDA	Throughout
M006	Unpub	NMMSS Report SS-2	TWCP-05463	Martin Marietta	12/31/85	DOE	Throughout
M059	Unpub	Evaluation of Isotopic Activity Variations as a Function of Source Date of Birth	NA	A. Feldman	7/14/05	NA	1

Nature of Discrepancy: The 1975 version of the NMMSS database lists the number "00000" for the manufacture date of sources with unknown manufacture dates. The 1985 version of NMMSS (M006) seems to use a default date of 9/30/72 for the same sources. Of the 4,566 sources listed in the 1985 database, approximately 520 (11.4%) show the 9/30/72 date. OSR radiological characterization personnel performed an evaluation of activity differences for Pu-238 and Pu-239 sources as a function of the manufacture date to determine the sensitivity of OSR's radiological characterization model to changes in the date. This analysis showed that a shorter decay time (later manufacture date) is conservative for Pu-238 and Pu-241 mass, while a 20-year change in the date had little or no effect on Pu-239 and Pu-240. However, a longer decay time (earlier manufacture date) is conservative for Am-241 and U-234.

Resolution: This discrepancy affects only Pu-239 and Pu-238 sources.

For Pu-239 sources, the OSR AK Summary Report (CCP-AK-LANL-008) and supporting documents (M008, M010) show that the primary radionuclides on a mass basis are Pu-239, Pu-240, Pu-241, Pu-242, and Am-241. When decay and production are considered, the amount of Am-241 (on a mass basis) exceeds that of Pu-241. For this case, a longer decay time (earlier manufacture date) is conservative because it maximizes the mass of the third most prevalent isotope in the mixture.

For Pu-238 sources, the most prevalent isotopes on a mass basis prior to decay and production are Pu-238, Pu-239, and Pu-240. Post-decay, they are Pu-238, Pu-239, and U-234, followed by Pu-240. Because the primary radionuclide Pu-238 is fairly sensitive to decay time, the shorter decay time (later manufacture date) is conservative.

Wherever possible, dates other than those of 9/30/72 listed in NMMSS should be determined for sources from other documentation, such as shipping papers.

CCP RECORDS ORIGINAL
DATE REC'D 2/10/2015
EPF

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth / Julia Whitworth (Print/Sign) Date: 8/6/05

Site Project Manager: Michael Gerle / Michael Gerle (Print/Sign) Date: 10/12/05

[B] Published Document or Controlled Database (Pub.), Unpublished Data (Unpub.), Internal Procedure or Note (Proc.), Correspondence (Corr.), or Discrepancy (Disc.)

(M059)

Evaluation of Isotopic Activity Variations as a Function of Source Date of Birth

for Pu-238 Sources

Fractional

	Date 9/30/1982	Date 9/30/1977	Date 9/30/1972	Date 9/30/1967	Date 9/30/1962		Isotopic Activity Change from the 1972 Data: 1982 Delta 1972	1977 Delta 1972	1967 Delta 1972	1962 Delta 1972	Total Activity Change from the 1972 Data: 1982 Delta 1972	1977 Delta 1972	1967 Delta 1972	1962 Delta 1972
Cs-137	7.85E-06	7.00E-06	6.24E-06	5.56E-06	4.96E-06		0.2580	0.1218	-0.1090	-0.2051	2.27E-07	1.07E-07	-9.59E-08	-1.81E-07
U-233	1.82E-12	3.08E-12	4.75E-12	6.87E-12	9.44E-12		-0.6168	-0.3516	0.4463	0.9874	-4.13E-13	-2.36E-13	2.99E-13	6.62E-13
U-234	5.35E-04	6.40E-04	7.41E-04	8.38E-04	9.31E-04		-0.2780	-0.1363	0.1309	0.2564	-2.91E-05	-1.42E-05	1.37E-05	2.68E-05
U-235	1.48E-10	1.80E-10	2.13E-10	2.45E-10	2.77E-10		-0.3052	-0.1549	0.1502	0.3005	-9.17E-12	-4.65E-12	4.51E-12	9.03E-12
Pu-236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-238	7.54E+00	7.25E+00	6.97E+00	6.70E+00	6.44E+00		0.0818	0.0402	-0.0387	-0.0760	8.04E-02	3.95E-02	-3.81E-02	-7.48E-02
U-238	3.75E-11	3.75E-11	3.75E-11	3.75E-11	3.75E-11		0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-239	6.56E-03	6.56E-03	6.56E-03	6.56E-03	6.56E-03		0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-240	3.92E-03	3.92E-03	3.92E-03	3.92E-03	3.91E-03		0.0000	0.0000	0.0000	-0.0026	0.00E+00	0.00E+00	0.00E+00	-1.41E-06
Am-241	1.08E-02	1.18E-02	1.25E-02	1.31E-02	1.35E-02		-0.1360	-0.0560	0.0480	0.0800	-2.40E-04	-9.87E-05	8.46E-05	1.41E-04
Pu-241	1.55E-01	1.22E-01	9.60E-02	7.54E-02	5.93E-02		0.6146	0.2708	-0.2146	-0.3823	8.32E-03	3.67E-03	-2.91E-03	-5.18E-03
Pu-242	6.01E-06	6.01E-06	6.01E-06	6.01E-06	6.01E-06		0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-90	6.88E-06	6.09E-06	5.40E-06	4.78E-06	4.24E-06		0.2741	0.1278	-0.1148	-0.2148	2.09E-07	9.73E-08	-8.75E-08	-1.64E-07
Total	7.72E+00	7.39E+00	7.09E+00	6.80E+00	6.52E+00	Average	-0.0083	-0.0106	0.0229	0.0572				
						Absolute Average	0.197266	0.096876	0.096351	0.192698				

by A. Feldman
7/14/05

Isotope	9/30/1982	9/30/1977	9/30/1972	9/30/1967	9/30/1962	SA [Ci/g]
Cs-137	7.85E-06	7.00E-06	6.24E-06	5.56E-06	4.96E-06	8.80E+01
U-233	1.82E-12	3.08E-12	4.75E-12	6.87E-12	9.44E-12	9.76E-03
U-234	5.35E-04	6.40E-04	7.41E-04	8.38E-04	9.31E-04	6.32E-03
U-235	1.48E-10	1.80E-10	2.13E-10	2.45E-10	2.77E-10	2.19E-06
Pu-238	7.54E+00	7.25E+00	6.97E+00	6.70E+00	6.44E+00	1.73E+01
U-238	3.75E-11	3.75E-11	3.75E-11	3.75E-11	3.75E-11	3.40E-07
Pu-239	6.56E-03	6.56E-03	6.56E-03	6.56E-03	6.56E-03	6.29E-02
Pu-240	3.92E-03	3.92E-03	3.92E-03	3.92E-03	3.91E-03	2.30E-01
Am-241	1.08E-02	1.18E-02	1.25E-02	1.31E-02	1.35E-02	3.47E+00
Pu-241	1.55E-01	1.22E-01	9.60E-02	7.54E-02	5.93E-02	1.04E+02
Pu-242	6.01E-06	6.01E-06	6.01E-06	6.01E-06	6.01E-06	3.97E-03
Sr-90	6.88E-06	6.09E-06	5.40E-06	4.78E-06	4.24E-06	1.38E+02
Mass Calc						
Cs-137	6.91E-04	6.16E-04	5.49E-04	4.89E-04	4.36E-04	
U-233	1.78E-14	3.01E-14	4.64E-14	6.71E-14	9.21E-14	
U-234	3.38E-06	4.04E-06	4.68E-06	5.30E-06	5.88E-06	
U-235	3.24E-16	3.94E-16	4.66E-16	5.37E-16	6.07E-16	
Pu-238	1.30E+02	1.25E+02	1.21E+02	1.16E+02	1.11E+02	
U-238	1.28E-17	1.28E-17	1.28E-17	1.28E-17	1.28E-17	
Pu-239	4.13E-04	4.13E-04	4.13E-04	4.13E-04	4.13E-04	
Pu-240	9.02E-04	9.02E-04	9.02E-04	9.02E-04	8.99E-04	
Am-241	3.75E-02	4.09E-02	4.34E-02	4.55E-02	4.68E-02	
Pu-241	1.61E+01	1.27E+01	9.98E+00	7.84E+00	6.17E+00	
Pu-242	2.39E-08	2.39E-08	2.39E-08	2.39E-08	2.39E-08	
Sr-90	9.49E-04	8.40E-04	7.45E-04	6.60E-04	5.85E-04	
Mass Sum	1.47E+02	1.38E+02	1.31E+02	1.24E+02	1.18E+02	
Wt% Calc						
Cs-137	4.71E-06	4.46E-06	4.20E-06	3.95E-06	3.71E-06	
U-233	1.21E-16	2.18E-16	3.55E-16	5.42E-16	7.83E-16	
U-234	2.31E-08	2.93E-08	3.59E-08	4.28E-08	5.00E-08	
U-235	2.21E-18	2.85E-18	3.57E-18	4.33E-18	5.16E-18	
Pu-238	8.90E-01	9.08E-01	9.23E-01	9.36E-01	9.47E-01	
U-238	8.70E-20	9.23E-20	9.76E-20	1.03E-19	1.08E-19	
Pu-239	2.81E-06	2.99E-06	3.16E-06	3.33E-06	3.51E-06	
Pu-240	6.15E-06	6.53E-06	6.90E-06	7.28E-06	7.65E-06	
Am-241	2.56E-04	2.96E-04	3.32E-04	3.67E-04	3.98E-04	
Pu-241	1.10E-01	9.18E-02	7.64E-02	6.33E-02	5.24E-02	
Pu-242	1.63E-10	1.73E-10	1.83E-10	1.93E-10	2.03E-10	
Sr-90	6.48E-06	6.08E-06	5.71E-06	5.33E-06	4.97E-06	
sum	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A | **Input Data** 0.65 Grams Elemental | **Manufacture Date: 9/30/1982**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	8.92E-08	7.85E-06	0.00E+00	0.00E+00	8.69E-09	1.45E-07
233U	0.00E+00	0.00E+00	1.86E-10	1.82E-12	1.68E-10	5.69E-13	5.30E-14	1.65E-15
234U	2.21E-09	1.40E-11	8.47E-02	5.35E-04	0.00E+00	0.00E+00	1.54E-05	4.86E-07
235U	2.77E-07	6.06E-13	6.77E-05	1.48E-10	4.35E-05	0.00E+00	4.09E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.36E-01	7.54E+00	4.93E-02	6.86E+00	2.50E-01	2.79E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.51E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.71E-02	3.92E-03	3.84E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.10E-03	1.08E-02	5.79E-05	1.08E-02	3.59E-04	3.98E-05
241Pu	4.48E-03	4.66E-01	1.49E-03	1.55E-01	3.36E-03	3.04E-03	4.94E-06	1.41E-04
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	4.98E-08	6.88E-06	0.00E+00	0.00E+00	7.97E-09	8.49E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.72E+00	1.57E-01	6.88E+00	2.51E-01	2.82E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.81E-07	2.47E-05	9.15E-07	0.00E+00	0.00E+00	2.74E-08	4.58E-07	0.00E+00
233U	4.34E-10	4.23E-12	1.57E-13	4.45E-10	1.32E-12	1.23E-13	3.85E-15	0.00E+00
234U	1.71E-01	1.08E-03	4.00E-05	0.00E+00	0.00E+00	3.11E-05	9.83E-07	0.00E+00
235U	1.38E-04	3.03E-10	1.12E-11	9.10E-05	0.00E+00	8.36E-12	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	8.81E-01	1.52E+01	5.64E-01	1.01E-01	1.39E+01	5.05E-01	5.65E-02	1.52E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.59E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.97E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.05E-03	2.98E-04	8.08E-04	8.05E-03	2.51E-04	2.98E-05	8.05E-03
241Am	7.20E-03	2.50E-02	9.25E-04	1.54E-04	2.50E-02	8.36E-04	9.26E-05	2.50E-02
241Pu	3.47E-03	3.61E-01	1.34E-02	8.90E-03	7.08E-03	1.15E-05	3.28E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.57E-07	2.17E-05	8.02E-07	0.00E+00	0.00E+00	2.51E-08	2.68E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.31E+00	1.56E+01	5.77E-01	3.25E-01	1.39E+01	5.06E-01	5.69E-02	1.53E+01

Total α NCi/g 2.12E+06

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A **Input Data** **Manufacture Date: 9/30/1977**

0.65 Grams Elemental

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.95E-08	7.00E-06	0.00E+00	0.00E+00	7.74E-09	1.30E-07
233U	0.00E+00	0.00E+00	3.16E-10	3.08E-12	2.84E-10	9.62E-13	8.96E-14	2.80E-15
234U	2.21E-09	1.40E-11	1.01E-01	6.40E-04	0.00E+00	0.00E+00	1.84E-05	5.82E-07
235U	2.77E-07	6.06E-13	8.24E-05	1.80E-10	5.30E-05	0.00E+00	4.98E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.19E-01	7.25E+00	4.74E-02	6.59E+00	2.40E-01	2.69E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.84E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.39E-03	1.18E-02	6.34E-05	1.18E-02	3.93E-04	4.36E-05
241Pu	4.48E-03	4.66E-01	1.17E-03	1.22E-01	2.64E-03	2.39E-03	3.88E-06	1.11E-04
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	4.41E-08	6.09E-06	0.00E+00	0.00E+00	7.06E-09	7.52E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.40E+00	1.55E-01	6.62E+00	2.41E-01	2.71E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

(initial)

Source ID: MRPU8BE47B

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1977

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.95E-08	7.00E-06	0.00E+00	0.00E+00	7.74E-09	1.30E-07
233U	0.00E+00	0.00E+00	3.16E-10	3.08E-12	2.84E-10	9.62E-13	8.96E-14	2.80E-15
234U	2.21E-09	1.40E-11	1.01E-01	6.40E-04	0.00E+00	0.00E+00	1.84E-05	5.82E-07
235U	2.77E-07	6.06E-13	8.24E-05	1.80E-10	5.30E-05	0.00E+00	4.98E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.19E-01	7.25E+00	4.74E-02	6.59E+00	2.40E-01	2.69E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.84E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.39E-03	1.18E-02	6.34E-05	1.18E-02	3.93E-04	4.36E-05
241Pu	4.48E-03	4.66E-01	1.17E-03	1.22E-01	2.64E-03	2.39E-03	3.88E-06	1.11E-04
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	4.41E-08	6.09E-06	0.00E+00	0.00E+00	7.06E-09	7.52E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.40E+00	1.55E-01	6.62E+00	2.41E-01	2.71E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.51E-07	2.21E-05	8.16E-07	0.00E+00	0.00E+00	2.44E-08	4.08E-07	0.00E+00
233U	7.34E-10	7.16E-12	2.65E-13	7.53E-10	2.24E-12	2.08E-13	6.51E-15	0.00E+00
234U	2.05E-01	1.29E-03	4.78E-05	0.00E+00	0.00E+00	3.72E-05	1.18E-06	0.00E+00
235U	1.69E-04	3.69E-10	1.37E-11	1.11E-04	0.00E+00	1.02E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	8.47E-01	1.47E+01	5.42E-01	9.67E-02	1.33E+01	4.85E-01	5.43E-02	1.47E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.59E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.05E-03	2.98E-04	8.07E-04	8.05E-03	2.51E-04	2.98E-05	8.05E-03
241Am	7.88E-03	2.74E-02	1.01E-03	1.68E-04	2.74E-02	9.15E-04	1.01E-04	2.74E-02
241Pu	2.73E-03	2.84E-01	1.05E-02	7.00E-03	5.57E-03	9.03E-06	2.58E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.39E-07	1.92E-05	7.11E-07	0.00E+00	0.00E+00	2.23E-08	2.37E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.31E+00	1.49E+01	5.53E-01	3.19E-01	1.34E+01	4.87E-01	5.47E-02	1.47E+01

Total α NCi/g **2.04E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A | **Input Data** 0.65 Grams Elemental | **Manufacture Date: 9/30/1972**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.09E-08	6.24E-06	0.00E+00	0.00E+00	6.90E-09	1.15E-07
233U	0.00E+00	0.00E+00	4.87E-10	4.75E-12	4.38E-10	1.49E-12	1.38E-13	4.32E-15
234U	2.21E-09	1.40E-11	1.17E-01	7.41E-04	0.00E+00	0.00E+00	2.13E-05	6.73E-07
235U	2.77E-07	6.06E-13	9.72E-05	2.13E-10	6.25E-05	0.00E+00	5.87E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.03E-01	6.97E+00	4.55E-02	6.34E+00	2.31E-01	2.58E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.61E-03	1.25E-02	6.76E-05	1.25E-02	4.19E-04	4.64E-05
241Pu	4.48E-03	4.66E-01	9.23E-04	9.60E-02	2.08E-03	1.88E-03	3.05E-06	8.72E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.91E-08	5.40E-06	0.00E+00	0.00E+00	6.26E-09	6.66E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.09E+00	1.52E-01	6.36E+00	2.32E-01	2.60E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: MRPU8BE47B

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.09E-08	6.24E-06	0.00E+00	0.00E+00	6.90E-09	1.15E-07
233U	0.00E+00	0.00E+00	4.87E-10	4.75E-12	4.38E-10	1.49E-12	1.38E-13	4.32E-15
234U	2.21E-09	1.40E-11	1.17E-01	7.41E-04	0.00E+00	0.00E+00	2.13E-05	6.73E-07
235U	2.77E-07	6.06E-13	9.72E-05	2.13E-10	6.25E-05	0.00E+00	5.87E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.03E-01	6.97E+00	4.55E-02	6.34E+00	2.31E-01	2.58E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.61E-03	1.25E-02	6.76E-05	1.25E-02	4.19E-04	4.64E-05
241Pu	4.48E-03	4.66E-01	9.23E-04	9.60E-02	2.08E-03	1.88E-03	3.05E-06	8.72E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.91E-08	5.40E-06	0.00E+00	0.00E+00	6.26E-09	6.66E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.09E+00	1.52E-01	6.36E+00	2.32E-01	2.60E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.23E-07	1.97E-05	7.28E-07	0.00E+00	0.00E+00	2.18E-08	3.64E-07	0.00E+00
233U	1.13E-09	1.11E-11	4.09E-13	1.16E-09	3.45E-12	3.22E-13	1.00E-14	0.00E+00
234U	2.37E-01	1.50E-03	5.54E-05	0.00E+00	0.00E+00	4.31E-05	1.36E-06	0.00E+00
235U	1.99E-04	4.35E-10	1.61E-11	1.31E-04	0.00E+00	1.20E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	8.14E-01	1.41E+01	5.21E-01	9.29E-02	1.28E+01	4.67E-01	5.22E-02	1.41E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.60E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.04E-03	2.98E-04	8.07E-04	8.04E-03	2.50E-04	2.98E-05	8.04E-03
241Am	8.40E-03	2.92E-02	1.08E-03	1.79E-04	2.92E-02	9.75E-04	1.08E-04	2.92E-02
241Pu	2.15E-03	2.23E-01	8.26E-03	5.50E-03	4.38E-03	7.10E-06	2.03E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.23E-07	1.70E-05	6.30E-07	0.00E+00	0.00E+00	1.97E-08	2.10E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.31E+00	1.43E+01	5.30E-01	3.15E-01	1.29E+01	4.68E-01	5.25E-02	1.41E+01

Total α NCi/g **1.96E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A | **Input Data** 0.65 Grams Elemental | **Manufacture Date: 9/30/1967**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	6.32E-08	5.56E-06	0.00E+00	0.00E+00	6.15E-09	1.03E-07
233U	0.00E+00	0.00E+00	7.04E-10	6.87E-12	6.33E-10	2.15E-12	2.00E-13	6.24E-15
234U	2.21E-09	1.40E-11	1.33E-01	8.38E-04	0.00E+00	0.00E+00	2.41E-05	7.61E-07
235U	2.77E-07	6.06E-13	1.12E-04	2.45E-10	7.20E-05	0.00E+00	6.76E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	3.87E-01	6.70E+00	4.38E-02	6.09E+00	2.22E-01	2.48E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.78E-03	1.31E-02	7.07E-05	1.31E-02	4.39E-04	4.86E-05
241Pu	4.48E-03	4.66E-01	7.25E-04	7.54E-02	1.63E-03	1.48E-03	2.40E-06	6.86E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.46E-08	4.78E-06	0.00E+00	0.00E+00	5.54E-09	5.90E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.47E-01	6.80E+00	1.50E-01	6.12E+00	2.23E-01	2.50E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: MRPU8BE47B

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1967

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	6.32E-08	5.56E-06	0.00E+00	0.00E+00	6.15E-09	1.03E-07
233U	0.00E+00	0.00E+00	7.04E-10	6.87E-12	6.33E-10	2.15E-12	2.00E-13	6.24E-15
234U	2.21E-09	1.40E-11	1.33E-01	8.38E-04	0.00E+00	0.00E+00	2.41E-05	7.61E-07
235U	2.77E-07	6.06E-13	1.12E-04	2.45E-10	7.20E-05	0.00E+00	6.76E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	3.87E-01	6.70E+00	4.38E-02	6.09E+00	2.22E-01	2.48E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.78E-03	1.31E-02	7.07E-05	1.31E-02	4.39E-04	4.86E-05
241Pu	4.48E-03	4.66E-01	7.25E-04	7.54E-02	1.63E-03	1.48E-03	2.40E-06	6.86E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.46E-08	4.78E-06	0.00E+00	0.00E+00	5.54E-09	5.90E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.47E-01	6.80E+00	1.50E-01	6.12E+00	2.23E-01	2.50E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	1.99E-07	1.75E-05	6.49E-07	0.00E+00	0.00E+00	1.94E-08	3.25E-07	0.00E+00
233U	1.64E-09	1.60E-11	5.91E-13	1.68E-09	4.99E-12	4.65E-13	1.45E-14	0.00E+00
234U	2.68E-01	1.69E-03	6.26E-05	0.00E+00	0.00E+00	4.87E-05	1.54E-06	0.00E+00
235U	2.29E-04	5.01E-10	1.86E-11	1.50E-04	0.00E+00	1.38E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	7.83E-01	1.35E+01	5.01E-01	8.93E-02	1.23E+01	4.48E-01	5.01E-02	1.35E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.60E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.04E-03	2.97E-04	8.06E-04	8.04E-03	2.50E-04	2.98E-05	8.04E-03
241Am	8.79E-03	3.05E-02	1.13E-03	1.87E-04	3.05E-02	1.02E-03	1.13E-04	3.05E-02
241Pu	1.69E-03	1.75E-01	6.49E-03	4.33E-03	3.44E-03	5.58E-06	1.59E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.09E-07	1.51E-05	5.58E-07	0.00E+00	0.00E+00	1.75E-08	1.86E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.30E+00	1.37E+01	5.08E-01	3.10E-01	1.24E+01	4.50E-01	5.05E-02	1.36E+01

Total α NCi/g **1.89E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A | **Input Data** 0.65 Grams Elemental | **Manufacture Date: 9/30/1962**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	5.63E-08	4.96E-06	0.00E+00	0.00E+00	5.49E-09	9.18E-08
233U	0.00E+00	0.00E+00	9.68E-10	9.44E-12	8.71E-10	2.95E-12	2.75E-13	8.59E-15
234U	2.21E-09	1.40E-11	1.47E-01	9.31E-04	0.00E+00	0.00E+00	2.68E-05	8.46E-07
235U	2.77E-07	6.06E-13	1.27E-04	2.77E-10	8.14E-05	0.00E+00	7.65E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	3.72E-01	6.44E+00	4.21E-02	5.86E+00	2.13E-01	2.39E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.91E-03	3.83E-04	3.91E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.90E-03	1.35E-02	7.30E-05	1.35E-02	4.53E-04	5.02E-05
241Pu	4.48E-03	4.66E-01	5.70E-04	5.93E-02	1.28E-03	1.16E-03	1.89E-06	5.39E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.07E-08	4.24E-06	0.00E+00	0.00E+00	4.91E-09	5.23E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.47E-01	6.53E+00	1.48E-01	5.88E+00	2.14E-01	2.40E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	1.78E-07	1.56E-05	5.78E-07	0.00E+00	0.00E+00	1.73E-08	2.89E-07	0.00E+00
233U	2.25E-09	2.20E-11	8.13E-13	2.31E-09	6.86E-12	6.39E-13	2.00E-14	0.00E+00
234U	2.98E-01	1.88E-03	6.96E-05	0.00E+00	0.00E+00	5.42E-05	1.71E-06	0.00E+00
235U	2.59E-04	5.67E-10	2.10E-11	1.70E-04	0.00E+00	1.56E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	7.52E-01	1.30E+01	4.82E-01	8.59E-02	1.18E+01	4.31E-01	4.82E-02	1.30E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.60E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.49E-02	8.03E-03	2.97E-04	8.06E-04	8.03E-03	2.50E-04	2.98E-05	8.03E-03
241Am	9.08E-03	3.15E-02	1.17E-03	1.94E-04	3.15E-02	1.05E-03	1.17E-04	3.15E-02
241Pu	1.33E-03	1.38E-01	5.10E-03	3.40E-03	2.70E-03	4.39E-06	1.25E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	9.68E-08	1.34E-05	4.94E-07	0.00E+00	0.00E+00	1.55E-08	1.65E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.30E+00	1.32E+01	4.88E-01	3.06E-01	1.19E+01	4.33E-01	4.85E-02	1.31E+01

Total α NCi/g **1.81E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Analysis for Pu-239 Sources

1962 birth date

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.51E-06	2.21E-04	8.17E-06	0.00E+00	0.00E+00	2.44E-07	4.09E-06	0.00E+00
233U	4.60E-08	1.56E-10	5.79E-12	2.01E-08	8.89E-11	4.55E-12	7.59E-11	0.00E+00
234U	1.68E-03	1.06E-05	3.92E-07	0.00E+00	0.00E+00	3.05E-07	9.63E-09	0.00E+00
235U	1.85E-02	4.05E-08	1.50E-09	1.22E-07	0.00E+00	1.12E-09	2.80E-10	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.23E-05	7.51E-02	2.71E-03	7.65E-04	6.63E-02	2.42E-03	2.78E-04	7.51E-02
238U	4.11E-03	1.40E-09	5.17E-11	0.00E+00	0.00E+00	3.54E-11	0.00E+00	0.00E+00
239Pu	1.52E+01	9.58E-01	3.55E-02	1.56E+01	9.58E-01	2.97E-02	3.85E-03	9.58E-01
240Pu	1.28E+00	2.95E-01	1.09E-02	3.44E-02	2.95E-01	9.19E-03	1.09E-03	2.95E-01
241Am	6.02E-02	2.09E-01	7.72E-03	1.56E-02	2.09E-01	6.98E-03	7.72E-04	2.09E-01
241Pu	8.09E-03	8.41E-01	3.11E-02	2.53E-02	1.65E-02	2.68E-05	7.65E-04	0.00E+00
242Pu	2.53E+01	1.00E-01	3.72E-03	3.25E-01	9.13E-02	2.96E-03	3.42E-04	2.00E-01
90Sr	1.36E-06	1.88E-04	6.95E-06	0.00E+00	0.00E+00	2.18E-07	2.32E-05	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	4.13E+01	2.23E+00	8.24E-02	1.57E+01	1.49E+00	4.67E-02	6.09E-03	1.49E+00

Total α NCi/g **2.07E+05**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Am-241 + Pu-241 = 6.83×10^{-2}

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 8/31/2005

Container: LA00000061442

Example for Pu-239 sources

Source ID: M423

Input Data
15.99 Grams Elemental

Manufacture Date: 9/30/1962

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	3.71E-06	3.26E-04	1.38E-06	1.22E-04	0.00E+00	0.00E+00	1.35E-07	2.25E-06
233U	0.00E+00	0.00E+00	9.76E-09	9.53E-11	8.78E-09	2.98E-11	2.70E-12	8.66E-14
234U	5.44E-08	3.44E-10	6.68E-04	4.22E-06	0.00E+00	0.00E+00	1.22E-07	3.84E-09
235U	6.80E-06	1.42E-11	1.81E-02	3.96E-08	3.16E-02	0.00E+00	1.09E-03	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.37E-03	9.09E-02	1.69E-03	2.92E-02	1.90E-04	2.65E-02	9.86E-04	1.08E-04
238U	2.71E-03	9.23E-10	2.71E-03	9.23E-10	0.00E+00	0.00E+00	2.34E-11	0.00E+00
239Pu	1.49E+01	9.37E-01	1.49E+01	9.36E-01	1.49E+01	9.36E-01	2.90E-02	3.47E-03
240Pu	1.04E+00	2.40E-01	1.04E+00	2.39E-01	2.34E-02	2.39E-01	7.43E-03	8.84E-04
241Am	4.53E-03	1.27E-02	3.67E-02	1.27E-01	6.85E-04	1.27E-01	4.25E-03	4.71E-04
241Pu	3.89E-02	4.05E+00	4.93E-03	5.13E-01	1.11E-02	1.01E-02	1.63E-05	4.66E-04
242Pu	3.80E-03	2.50E-05	7.35E+00	2.92E-02	5.51E-02	2.65E-02	8.60E-04	1.08E-04
90Sr	2.12E-06	2.93E-04	7.49E-07	1.03E-04	0.00E+00	0.00E+00	1.20E-07	1.28E-05
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.60E+01	5.28E+00	2.33E+01	1.87E+00	1.50E+01	1.36E+00	4.25E-02	5.52E-03

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M735

Input Data
31.8 Grams Elemental

Manufacture Date: 9/30/1962

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.37E-06	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.08E-07	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.35E-05	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.71E-03	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.40E-03	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.96E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.07E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.02E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.74E-02	8.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.15E-02	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.22E-06	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.18E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M736

Input Data
31.94 Grams Elemental

Manufacture Date: 9/30/1962

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.40E-06	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.09E-07	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.96E-05	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.73E-03	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.42E-03	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.98E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.08E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.06E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.77E-02	8.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.16E-02	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.24E-06	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.19E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

1972 birth date

Total Container Content With Uncertainty Applied – All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	3.16E-06	2.78E-04	1.03E-05	0.00E+00	0.00E+00	3.08E-07	5.15E-06	0.00E+00
235U	4.26E-09	8.07E-11	2.98E-12	1.03E-08	2.52E-11	2.35E-12	7.39E-14	0.00E+00
234U	1.33E-03	8.44E-06	3.12E-07	0.00E+00	0.00E+00	2.43E-07	7.67E-09	0.00E+00
235U	1.42E-02	3.11E-08	1.15E-09	9.35E-03	0.00E+00	8.58E-10	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.58E-03	7.92E-02	2.93E-03	4.28E-04	7.20E-02	2.62E-03	2.29E-03	7.92E-02
238U	4.11E-03	1.40E-09	5.17E-11	0.00E+00	0.00E+00	3.54E-11	0.00E+00	0.00E+00
239Pu	1.52E+01	9.58E-01	3.55E-02	1.56E+01	9.58E-01	2.97E-02	3.93E-03	9.58E-01
240Pu	1.29E+00	2.96E-01	1.09E-02	3.45E-02	2.96E-01	9.20E-03	1.10E-03	2.96E-01
241Am	5.61E-02	1.95E-01	7.20E-03	1.46E-03	1.95E-01	6.51E-03	2.21E-01	1.95E-01
241Pu	1.31E-02	1.36E+00	5.04E-02	4.10E-02	2.67E-02	4.33E-05	1.24E-03	0.00E+00
242Pu	2.74E+01	1.09E-01	4.02E-03	3.51E-01	9.89E-02	3.20E-03	4.02E-04	1.09E-01
90Sr	1.73E-06	2.39E-04	8.85E-06	0.00E+00	0.00E+00	2.77E-07	2.95E-05	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	4.34E+01	2.74E+00	1.01E-01	1.58E+01	1.50E+00	4.66E-02	6.49E-03	1.49E+00

Total α NCi/g 2.07E+05

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 8/31/2005

Container: LA00000061442

Example for Pu-239 sources

Source ID: M423

Input Data
15.99 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	3.71E-06	3.26E-04	1.74E-06	1.53E-04	0.00E+00	0.00E+00	1.69E-07	2.84E-06
233U	0.00E+00	0.00E+00	5.01E-09	4.91E-11	4.33E-09	1.54E-11	1.45E-12	4.47E-14
234U	5.44E-08	3.44E-10	5.32E-04	3.36E-06	0.00E+00	0.00E+00	9.69E-08	3.06E-09
235U	6.80E-06	1.49E-11	1.39E-02	3.04E-08	8.92E-03	0.00E+00	8.68E-10	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.37E-03	4.09E-02	1.82E-03	3.16E-02	2.06E-04	2.87E-02	1.06E-03	1.17E-04
238U	2.71E-03	9.23E-10	2.71E-03	9.23E-10	0.00E+00	0.00E+00	2.34E-11	0.00E+00
239Pu	1.49E+01	9.37E-01	1.49E+01	9.36E-01	1.49E+01	9.36E-01	2.00E-02	3.47E-03
240Pu	1.04E+00	2.40E-01	1.04E+00	2.39E-01	2.34E-02	2.39E-01	7.44E-03	8.85E-04
241Am	4.53E-03	1.57E-02	3.42E-02	1.19E-01	6.39E-04	1.19E-01	3.96E-03	4.39E-04
241Pu	3.89E-02	4.05E+00	7.98E-03	8.30E-01	1.79E-02	1.63E-02	2.64E-05	7.54E-04
242Pu	5.80E-03	2.50E-05	7.95E+00	3.16E-02	5.96E-02	2.87E-02	9.30E-04	1.19E-04
90Sr	2.12E-06	2.93E-04	9.55E-07	1.32E-04	0.00E+00	0.00E+00	1.53E-07	1.63E-05
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.60E+01	5.28E+00	2.39E+01	2.19E+00	1.50E+01	1.37E+00	4.24E-02	5.80E-03

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M735

Input Data
31.8 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.37E-06	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.08E-07	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.35E-05	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.71E-03	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.40E-03	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.96E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.07E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.02E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.74E-02	8.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.15E-02	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.22E-06	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.18E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Input Data

Source ID: M736 **31.94 Grams Elemental** **Manufacture Date: 9/30/1972**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.40E-06	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.09E-07	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.36E-05	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.73E-03	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.42E-03	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.98E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.08E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.06E-03	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.77E-02	8.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.16E-02	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.24E-06	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.19E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Shortest 7 t (1982)

Total Container Content With Uncertainty Applied – All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	3.97E-06	3.50E-04	1.29E-05	0.00E+00	0.00E+00	3.87E-07	6.48E-06	0.00E+00
233U	3.30E-09	3.23E-11	1.19E-12	4.14E-09	1.01E-11	9.39E-13	2.93E-14	0.00E+00
234U	9.65E-04	6.10E-06	2.26E-07	0.00E+00	0.00E+00	1.76E-07	5.55E-09	0.00E+00
235U	9.89E-03	2.17E-08	8.02E-10	6.51E-03	0.00E+00	5.97E-10	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.95E-03	8.57E-02	3.17E-03	8.96E-04	7.79E-02	2.84E-03	3.17E-04	8.57E-02
238U	4.11E-03	1.40E-09	5.17E-11	0.00E+00	0.00E+00	3.54E-11	0.00E+00	0.00E+00
239Pu	1.52E+01	9.59E-01	3.55E-02	1.56E+01	9.59E-01	2.97E-02	3.55E-03	9.59E-01
240Pu	1.29E+00	2.96E-01	1.10E-02	3.45E-02	2.96E-01	9.21E-03	1.10E-03	2.96E-01
241Am	4.89E-02	1.70E-01	6.27E-03	1.27E-03	1.70E-01	5.67E-03	6.28E-04	1.70E-01
241Pu	2.12E-02	2.20E+00	8.15E-02	6.63E-02	4.32E-02	7.01E-05	2.00E-03	0.00E+00
242Pu	2.96E+01	1.18E-01	4.35E-03	3.80E-01	1.07E-01	3.47E-03	4.36E-04	1.18E-01
90Sr	2.21E-06	3.05E-04	1.13E-05	0.00E+00	0.00E+00	3.53E-07	3.76E-05	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	4.56E+01	3.56E+00	1.32E-01	1.58E+01	1.50E+00	4.63E-02	7.16E-03	1.48E+00

Total α NCi/g 2.06E+05

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Am-241 + Pu-241 = 7.01×10^{-2}

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 8/31/2005

Container: LA00000061442

Example for Pu-239 sources

Source ID: M423

Input Data
15.99 Grams Elemental

Manufacture Date: 9/30/1982

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	3.71E-06	3.26E-04	2.19E-06	1.93E-04	0.00E+00	0.00E+00	2.13E-07	3.57E-06
233U	0.00E+00	0.00E+00	2.01E-09	1.96E-11	1.81E-09	6.14E-12	5.72E-13	1.79E-14
234U	5.44E-08	3.44E-10	3.85E-04	2.43E-06	0.00E+00	0.00E+00	7.01E-08	2.21E-09
235U	6.80E-06	1.49E-11	9.66E-03	2.12E-08	6.21E-03	0.00E+00	3.84E-10	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.87E-03	4.09E-02	1.97E-03	3.42E-02	2.23E-04	3.11E-02	1.33E-03	1.27E-04
238U	2.71E-03	9.23E-10	2.71E-03	9.23E-10	0.00E+00	0.00E+00	2.34E-11	0.00E+00
239Pu	1.49E+01	9.37E-01	1.49E+01	9.36E-01	1.49E+01	9.36E-01	2.90E-02	3.47E-03
240Pu	1.04E+00	2.40E-01	1.04E+00	2.39E-01	2.34E-02	2.39E-01	7.45E-03	8.86E-04
241Am	4.53E-03	1.57E-02	2.98E-02	1.03E-01	5.57E-04	1.03E-01	3.45E-03	3.83E-04
241Pu	3.89E-02	4.05E+00	1.29E-02	1.34E+00	2.90E-02	2.63E-02	4.27E-05	1.22E-03
242Pu	5.80E-03	2.30E-05	8.60E+00	3.42E-02	6.45E-02	3.31E-02	1.01E-03	1.27E-04
90Sr	2.12E-06	2.93E-04	1.22E-06	1.68E-04	0.00E+00	0.00E+00	1.95E-07	2.07E-05
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.60E+01	5.28E+00	2.46E+01	2.69E+00	1.50E+01	1.37E+00	4.21E-02	6.23E-03

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M735

Input Data
31.8 Grams Elemental

Manufacture Date: 9/30/1982

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.37E-06	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.08E-07	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.35E-05	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.71E-03	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.40E-03	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.96E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.07E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.02E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.74E-02	8.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.15E-02	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.22E-06	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.18E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M736

Input Data
31.94 Grams Elemental

Manufacture Date: 9/30/1982

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.40E-06	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.09E-07	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.36E-05	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.73E-03	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.42E-03	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.98E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.08E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.06E-03	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.77E-02	8.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.16E-02	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.24E-06	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.19E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR009

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☑ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Discrepancy Resolution re: Sources MRPU228-252

Source Document Reference Information (author(s), document and revision number, date, publisher): J. Whitworth, TWCP-25635, NA, 07/19/2005

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR4, WS3, WS11, O12, O15	2	Lists conservative (highest) total Pu g values to be used for sources MRC-TD-Pu-229 through -252, as well as recommending a manufacture date of March 25, 1964.

Source Document Data Limitations (if any):

1. Best Available Copy(s)
2. Reason for discrepancies could not be determined, so a conservative approach was taken.

Acceptable Knowledge Expert:

Christopher Chancellor — Date: 03/12/2012

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 5-1-12

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number: LA-OS-00-01

Waste Stream Description: LANL Off-Site Source Recovery Project Sealed Sources

AK Documentation Type: [X]TRU Waste Management Program Information [X]Waste Stream-Specific Information [ ]Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR09

Tracking #	Category[a]	Title	Document/ Rev #	Author	Date	Publisher	Page #
M020	Pub	NMMSS Listing of Sealed Sources by RIS	TWCP-06410	Union Carbide	9/30/75	ERDA	45
M058	Unpub	Shipping Data Form for MRC-TD-Pu-228 through 254	None	Monsanto Research Corporation	3/25/64	NA	1-2

Nature of Discrepancy: There is a discrepancy for some of the sealed sources packaged in drum 61603 between Pu -239 masses listed in the NMMSS database (M020) and quantities listed on the shipping data form (M058). It should be noted that the numbers on the shipping data form are Pu-239 masses, rather than total Pu masses, although the Pu-239 wt% is 91.446 according to a handwritten note on the shipping data form and the sources are described as MT 50 (weapons grade Pu) in the NMMSS listing, so that most of the Pu in the source is Pu-239. The discrepancies (excluding those that are within rounding error) are as follows:

- Source MRC-TD-Pu-229: 0.90 (NMMSS) vs 1.00 (Shipping Data)
- -Pu-231: 1.00 (NMMSS) vs 1.17 (Shipping Data)
- -Pu-232: 1.00 (NMMSS) vs 1.06 (Shipping Data)
- -Pu-233: 1.00 (NMMSS) vs 1.10 (Shipping Data)
- -Pu-234: 0.90 (NMMSS) vs 1.04 (Shipping Data)
- -Pu-235: 0.50 (NMMSS) vs 1.12 (Shipping Data)
- -Pu-236: 1.10 (NMMSS) vs .0.98 (Shipping Data)
- -Pu-237: 1.00 (NMMSS) vs 1.09 (Shipping Data)
- -Pu-238: 1.00 (NMMSS) vs 1.09 (Shipping Data)
- -Pu-242: 1.00 (NMMSS) vs 1.12 (Shipping Data)
- -Pu-244: 1.00 (NMMSS) vs 1.06 (Shipping Data)
- -Pu-245: 0.90 (NMMSS) vs 1.06 (Shipping Data)
- -Pu-246: 0.90 (NMMSS) vs 1.02 (Shipping Data)
- -Pu-248: 0.90 (NMMSS) vs 1.08 (Shipping Data)

- -Pu-249: 0.90 (NMMSS) vs 1.05 (Shipping Data)
- -Pu-251: 0.90 (NMMSS) vs 0.84 (Shipping Data)
- -Pu-252: 0.80 (NMMSS) vs 0.92 (Shipping Data)

In addition, NMMSS lists a manufacture date of 0/00/00 (default) for all of the sources in the drum. The shipping data form, however, lists the shipment date as March 25, 1964

Resolution: To be conservative, the higher of the two values between the shipping data mass and the NMMSS total Pu mass should be used for radiological characterization purposes. Therefore, the following values should be used:

- Source MRC-TD-Pu-229: 1.00 g total Pu
- -Pu-231: 1.17g
- -Pu-232: 1.10g
- -Pu-233: 1.10g
- -Pu-234: 1.04g
- -Pu-235: 1.12g
- -Pu-236: 1.20g
- -Pu-237: 1.10g
- -Pu-238: 1.10g
- -Pu-242: 1.12g
- -Pu-244: 1.10g
- -Pu-245: 1.06g
- -Pu-246: 1.02g
- -Pu-248: 1.08g
- -Pu-249: 1.05g
- -Pu-251: 0.90g
- -Pu-252: 0.92g

For all other sources in this drum, the total Pu mass from NMMSS should be used.

The shipping data form date of March 25, 1964 will be used for radiological characterization purposes as the manufacture date.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth / Julia Whitworth (Print/Sign) Date: 7/19/05

Site Project Manager: Ronald W Roblee Ronald W Roblee (Print/Sign) Date: 7-28-05

[a] Published Document or Controlled Database (Pub.), Unpublished Data (Unpub.), Internal Procedure or Note (Proc.), Correspondence (Corr.), or Discrepancy (Disc.)

AS OF 09-30-75

XJR MANHATTAN COLLEGE

MANUFACTURER	SERIAL #	MT	TE	ELEMENT WEIGHT	ISOTOPE WEIGHT	DATE OF MANUFACTURE	STATUS	OWNERSHIP	POSSESSED BY	LICENSE #
NUMEC	N160A63	50	BE	16.0000	14.8800	062465	0	ERDA LOAN	NRC LIC	SNM1016

YAA ARMY ENVIRONMENTAL HYGIENE AGENCY

MONSANTO	MRPUBE332	50	BE	48.0000	43.0040	100368	0	ERDA LEASE	NRC LIC	SNM-860

YAE ARMED FORCES RADIOBIOLOGY RES INST

MONSANTO	MRPU228	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU229	50	NO	1.0000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU230	50	NO	1.0000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU231	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU232	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU233	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU234	50	NO	1.0000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU235	50	NO	0.5000	0.5000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU236	50	NO	1.2000	1.1000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU237	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU238	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU239	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU240	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU241	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU242	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU243	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU244	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU245	50	NO	1.0000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU246	50	BE	1.0000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU247	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU248	50	NO	1.0000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU249	50	NO	1.0000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU250	50	NO	1.1000	1.0000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU251	50	NO	0.9000	0.9000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPU252	50	NO	0.8000	0.8000	000000	0	ERDA LEASE	NRC LIC	SNM-706
MONSANTO	MRPUBE255	50	BE	159.9800	149.0000	082163	0	ERDA LEASE	NRC LIC	SNM-706

YAG BUREAU OF MINES, MORGANTOWN, W VA

NUMEC	N160A6	50	BE	16.0000	15.0000	093061	0	ERDA LEASE	NRC LIC	SNM-522
NUMEC	N160DK9	50	BE	160.0000	149.0000	093061	0	ERDA LEASE	NRC LIC	SNM-522
NUMEC	N16S22	50	BE	1.6000	1.5000	093061	0	ERDA LEASE	NRC LIC	SNM-522

YAM COAST GUARD ACADEMY

MOUND LAB	M1180	50	BE	30.8200	28.9500	112861	0	ERDA LOAN	NRC LIC	SNM-463
MOUND LAB	M1181	50	BE	15.2700	14.3300	112861	0	ERDA LOAN	NRC LIC	SNM-463
MOUND LAB	M1182	50	BE	15.3000	14.3600	112861	0	ERDA LOAN	NRC LIC	SNM-463

BEST AVAILABLE COPY

MONSANTO RESEARCH CORPORATION
A SUBSIDIARY OF MONSANTO CHEMICAL COMPANY
NUCLEAR SOURCES DEPARTMENT
1515 NICHOLAS ROAD
DAYTON, OHIO

Mail Address: Station B, Dayton 7, Ohio

Phone 268-5481
Area Code 513

SHIPPING DATA FORM

DATE OF CALIBRATION AND SHIPMENT
March 25, 1964

VIA	B/L NUMBER
Motor Freight	02069

TO
COMMANDING OFFICER
NATIONAL NAVAL MEDICAL CENTER
BETHESDA, MARYLAND 20014

Rec'd 7 April 1964

SHIPPING ADDRESS:
Armed Forces Radiobiology Research Institu
NATIONAL NAVAL MEDICAL CENTE
BETHESDA, MARYLAND 20
Attn: Material Officer

MONSANTO RESEARCH CORPORATION LICENSE NUMBER
SNM-867

Accountability data

License No. SNM-706

S. S. Allotment Quota No.

Remarks:

Monsanto Research Corporation
Nuclear Source No. MRC-TD-Pu-228 thru 252 3
Job No. MRC-TD-Pu-253 and 254

Customer P. O. No. Contract No. 168-3409

Type of source: Plutonium threshold detectors

Amount and chemical form of isotope: Pu 239 content: 26.100 g (see attached sheet)

Weight and composition of target (in neutron sources).

Emission rate

Max. energy of emitted alpha or beta particles

Source container description
material: Inner container: Copper - Outer copper plated - then cadmium plated
dimensions: OD 15/16" ID 11/16"
alpha or beta source cover material
cover thickness: 3 mil Cu plated 5 mil Cd plated

Shipping container description:
8" steel container - threshold detectors placed in 2" pipe nipples N-205

25 Sources at $80 ea $ 2000.00
2 sources at $75 ea 150.00
Value of shipping container $ 5.00
Total price of source $ 2155.00

Remarks: Pu^{239} 91.946%
240 7.752
241 .757
242 .045

MONSANTO RESEARCH CORPOR
By J. L. Richmond
J. L. Richmond
Title Manager, Nuclear So

Encl (1)

Attachment B

BEST AVAILABLE COPY

NATIONAL NAVAL MEDICAL CENTER
Pu Threshold Detectors
P. O. 168-3409

MRC Source No.	Pu-239 Wt (gms)
228	1.00
229	1.00
230	0.93
231	1.17
232	1.06
233	1.10
234	1.04
235	1.12
236	0.98
237	1.09
238	1.09
239	1.04
240	1.02
241	1.05
242	1.12
243	0.98
244	1.06
245	1.06
246	1.02
247	1.05
248	1.08
249	1.05
250	1.01
251	0.84
252	0.92
253	0.11 PuO_2
254	0.11 PuO_2

Data by: C.E. Wells
Monsanto Research Corporation
Nuclear Sources Department

BEST AVAILABLE COPY

RECORDS SUBMITTAL

INSTRUCTIONS: This form is prepared by the record source when submitting individual records, batch data reports, or a records package to the RMDC Center. Each record submitted requires a complete form.

MANDATORY: ☑ To the best of my knowledge, the record(s) have no radioactive contamination.

Signature: Julia Whitworth

RECORD TYPE:

☑ Project 2010 ☐ Facility

☐ Other: ☐ UCNI ☐ Proprietary

RECORD SOURCE:

Submittal Date: 7/28/05 Z No.:107833 Name: Julia Whitworth

Originator: LANL Organization: N-2

TYPE OF RECORD/ACTION TO BE TAKEN

☑ Individual Record ☐ Batch Data Report ☐ Records Package

☑New ☐ Addition* ☐ Supersedes*

*Record Barcode Number: _____

RECORD ID NUMBER: (e.g., memo symbol number, procedure (include revision), deficiency number, batch data report number, unique record identifier if applicable):
DR-009

Record Date: 7/28/05 Physical Page Count: 7 ☑Single Sided ☐ Double Sided

Category Number: (from page two): 7

RECORD TITLE, SUBJECT, AND/OR KEYWORDS: P2010-1324

Discrepancy Resolution re: Sources MRPU228-252

MEDIA TYPE:

☐ CD ☐ Diskette ☐ VHS ☐ Zip ☑ Other (specify): Hard copy

RECORD CENTER USE ONLY

☑ Accepted Date: 8/17/05

Signature: Theresa Gilman

RIDs Type: LF

Scan Date: By: QC Date: By:

(Subject to change prior to scheduled review cycle).

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	Records Custodian	From:	Randy Fitzgerald
Ship to:	CCP Central Records/CCP Records Custodian	Site:	Los Alamos National Laboratory
	4021 National Parks Highway –	Company:	TECH SPECS
	Carlsbad, NM 88220	Telephone Number:	505-667-3074 (o); 505-231-7582 (c); 505-665-9509 (fax)
	MS GS 203	Date Sent:	07/31/2007
Telephone Number:	505 234-7523		

Document Number	Title / Description	Record Date	Total Pages
DR009	Attachment 3 – Acceptable Knowledge Source document Summary DR009	7/28/05	1
TWCP- 25635 P2010-1324	Attachment 11- Acceptable Knowledge Source Document Discrepancy Resolution including supporting information	7/28/05	6
P2010-1324	LANL Records Submittal Form	8/17/05	1
	GS 8/7/07 NA		

Comments

AK 8 GS 8/7/07

Acceptance/Rejection Signature and Date

Records Accepted [✓] Jodi Saltzman (Signature) JODI SALTZMAN (Printed Name) 08/07/07 (Date)

Records Rejected [ ] _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

P.01

TRANSACTION REPORT

AUG-07-2007 TUE 03:18 PM

FOR: CCP RECORDS 15052347014

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-07	03:17 PM	Randy Fitzgerald	26"	1	FAX TX	OK	861	

TOTAL : 26S PAGES: 1

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	Records Custodian	From:	Randy Fitzgerald
Ship to:	CCP Central Records/CCP Records Custodian	Site:	Los Alamos National Laboratory
	4021 National Parks Highway –	Company:	TECH SPECS
	Carlsbad, NM 88220	Telephone Number:	505-667-3074 (o); 505-231-7582 (c); 505-665-9509 (fax)
	MS GS 203	Date Sent:	07/31/2007
Telephone Number:	505 234-7523		

Document Number	Title / Description	Record Date	Total Pages
DR009	Attachment 3 – Acceptable Knowledge Source document Summary DR009	7/28/05	1
TWCP- 25635 P2010-1324	Attachment 11- Acceptable Knowledge Source Document Discrepancy Resolution including supporting information	7/28/05	6
		8/17/05	1

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR006
Waste Stream Number(s): LA-OS-00-01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a] : Discrepancy Resolution re: Pu Value on Source M561	
Source Document Reference Information (author(s), document and revision number, date, publisher): J. Whitworth, TWCP-25266, NA, 06/15/2005	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS11, O12, O15	1	Resolves a discrepancy for source M-561 by directing use of a higher total Pu value from a shipping data sheet for radiological characterization purposes.

Source Document Data Limitations (if any):
1. Best Available Copy(s)
2. Source of discrepancy is not certain.

Acceptable Knowledge Expert:

Christopher Chancellor — Date: 03/07/2012

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 5-1-12

RECORDS SUBMITTAL

INSTRUCTIONS: This form is prepared by the record source when submitting individual records, batch data reports, or a records package to the RMDC Center. Each record submitted requires a complete form.

MANDATORY: ☑ To the best of my knowledge, the record(s) have no radioactive contamination.

Signature: Julia Whitworth

RECORD TYPE:

☑ Project 2010 ☐ Facility

☐ Other: ☐ UCNI ☐ Proprietary

RECORD SOURCE:

Submittal Date: 6/27/05 Z No.:107833 Name: Julia Whitworth

Originator: LANL Organization: N-2

TYPE OF RECORD/ACTION TO BE TAKEN

☑ Individual Record ☐ Batch Data Report ☐ Records Package

☑New ☐ Addition* ☐ Supersedes*

*Record Barcode Number: _____

RECORD ID NUMBER: (e.g., memo symbol number, procedure (include revision), deficiency number, batch data report number, unique record identifier if applicable):

Record Date: June 21, 2005 Physical Page Count: 6 ☑Single Sided ☐ Double Sided

Category Number: (from page two): 7

RECORD TITLE, SUBJECT, AND/OR KEYWORDS:

Discrepancy Resolution re: Pu Value on Source M561 P2010-1310

MEDIA TYPE:

☐ CD ☐ Diskette ☐ VHS ☐ Zip ☑ Other (specify): Hard copy

RECORD CENTER USE ONLY

☑ Accepted Date: 7-6-05

Signature: Danette Martinez

RIDs Type: LT

Scan Date: _____ By: _____ QC Date: _____ By: _____

(Subject to change prior to scheduled review cycle).

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number: LA-OS-00-01

Waste Stream Description: LANL Off-Site Source Recovery Project Sealed Sources

AK Documentation Type: [ ]TRU Waste Management Program Information [X]Waste Stream-Specific Information [ ]Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR06

Tracking #	Category[a]	Title	Document/ Rev #	Author	Date	Publisher	Page #
M020	Unpub	NMMSS Listing of Sealed Sources by RIS	TWCP-06410	Union Carbide	9/30/75	ERDA	Various
M038	Unpub	Mound Site Purchase Orders and Shipping Data	TWCP-05632	NA	5/22/61	NA	M-1228
M006	Unpub	NMMSS Report SS-2	TWCP-05463	Martin Marietta	12/31/85	DOE	136

Nature of Discrepancy: For source M-561 in drum #61414, shipping data (M038) show 79.94 g total Pu, while NMMSS (M006, M020) shows 75.63 g total Pu.

Resolution: Although no additional information could be located to resolve this discrepancy, the difference between the shipping data and NMMSS is consistent with a reporting error in which an estimated isotopic quantity for Pu-239 (94.6 wt% of the total Pu) was reported as a total Pu quantity in NMMSS. In any case, the more conservative higher value from the shipping data sheet will be used for radiological characterization purposes. The difference in the manufacturing dates from these two sources is discussed in DR03.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth / Julia Whitworth — Date: 6/15/05
Print/Sign

Site Project Manager: S.M. Peterman / [signature] — Date: 6/27/05
Print/Sign

[a] Published Document or Controlled Database (Pub.), Unpublished Data (Unpub.), Internal Procedure or Note (Proc.), Correspondence (Corr.), or Discrepancy (Disc.)

0-582
REV 1-29-59

SHIPPING DATA
PLUTONIUM NEUTRON SOURCE

MONSANTO CHEMICAL COMPANY

(DATA SHEET SENT WITH SOURCE SHIPMENT)

From M038 9K.W 6/15/05

MOUND LABORATORY
MIAMISBURG, OHIO

9-29-59
DATE OF SHIPMENT & CALIBRATION

TO: [illegible]

VIA [illegible]

YOUR P.O. No. [illegible]

LICENSE No. [illegible]

SS ALLOTMENT QUOTA No. [illegible]

NEUTRON SOURCE No. M-561

WITHDRAWN FROM [illegible]

1. TYPE OF SOURCE - [illegible]
2. GRAMS OF Be - [illegible]
3. GRAMS OF Pu - [illegible] 79.94 per original 9 KW 6/16/05
4. CONTAINER MATERIAL - [illegible]
5. DIMENSIONS OF CONTAINER - INSIDE - [illegible]
   OUTSIDE [illegible]
6. METHOD OF SEALING - WELDED
7. NEUTRON EMISSION - [illegible] N/SEC
8. TOLERANCE DISTANCE IN AIR FOR 8 HOURS - [illegible] INCHES
   (BASED ON 30 N/SEC/CM²)

SHIPPING CONTAINER IS A PARAFFIN-FILLED [illegible] GALLON DRUM

SOURCE(S) IS IN A SLOT AT THE BOTTOM OF A PARAFFIN-FILLED TUBE WHICH MAY BE LIFTED AFTER REMOVING THE SEALED CLOSURE OF THE DRUM.

PRICE OF SOURCE	$ 710
PLUS COST OF SHIPPING CONTAINER	35
TOTAL	$ 745

REMARKS: PROJECT
THE TITLE TO THE PLUTONIUM USED IN THIS SOURCE REMAINS WITH THE ATOMIC ENERGY COMMISSION.

CC: [illegible], Purchasing Dept.

ORIGINAL SIGNED BY J. L. RICHMOND

J. L. Richmond
GROUP LEADER, SOURCES

U.S. GOVERNMENT CONTRACT NO. AT-33-1-GEN-53

ZTG ROSARY COLLEGE

MFR	SERIAL #	NT	TE	ORIGINAL REG. WEIGHT EL	ORIGINAL REG. WEIGHT IS	TOTAL DECAY EL	TOTAL DECAY IS	ADJUSTED WEIGHT EL	ADJUSTED WEIGHT IS	DATE OF MFR	STAT	OWNER	POSS. BY	LICENSE #
N	N320838	50	BE	32.0000	29.7700			32.0000	29.7700	012864	D	P/D	NRC LI	SNM-793

ZTJ ROANOKE COLLEGE

N	N320822	50	BE	32.0000	29.7700			32.0000	29.7700	022863	D	P/D	NRC LI	SNM-849

ZTL ROSE-HULMAN INST TECH, TERRE HAUTE, IN

NR	NRPUBE40	50	BE	16.0000	15.0000			16.0000	15.0000	032862	D	P/D	NRC LI	SNM960
NR	NRPUBE371	50	BE	64.0000	57.7600			64.0000	57.7600	032966	D	P/D	NRC LI	SNM-960

ZTM RUTGERS UNIVERSITY, BUSH CAMPUS

→ N	N961	50	BE	75.6300	70.3300			75.6300	70.3300	092361	D	P/D	NRC LI	SNM-314
NR	NRPUB-7	50	B	3.0000	3.0000			3.0000	3.0000	093072	D	P/D	NRC LI	SNM-314
N	N805433	50	BE	80.0000	74.3000			80.0000	74.3000	101564	D	P/D	A/S LI	SNM314

6/14/93

ZTN SAM HOUSTON STATE UNIVERSITY

N	N1243	50	BE	79.5900	73.9600			79.5900	73.9600	113863	D	P/D	A/S LI	TX3-497

9/13/93

ZTP SAN DIEGO STATE UNIVERSITY

N	N370	50	BE	15.7800	14.6800			15.7800	14.6800	041862	R	DOE	LN NRC LI	SNM-1158
N	N371	50	BE	15.9900	14.8900			15.9900	14.8900	041662	R	DOE	LN NRC LI	SNM-1158
N	N451	50	BE	15.9930	14.8900			15.9900	14.8900	072662	R	DOE	LN NRC LI	SNM-1158
N	N491	50	BE	15.9280	14.8200			15.9200	14.8270	120761	R	DOE	LN NRC LI	SNM-1158
N	N492	50	BE	15.7850	14.6500			15.7800	14.6500	120761	R	DOE	LN NRC LI	SNM-1158
N	N815	50	BE	15.9900	14.8900			15.9900	14.8900	082262	R	DOE	LN NRC LI	SNM-1158
N	N816	50	BE	15.9900	14.8900			15.9900	14.8900	082262	R	DOE	LN NRC LI	SNM-1158
N	N817	50	BE	15.9930	14.8900			15.9900	14.8900	082262	R	DOE	LN NRC LI	SNM-1158
N	N818	50	BE	15.9930	14.8900			15.9900	14.8900	082262	R	DOE	LN NRC LI	SNM-1158
N	N819	50	BE	15.9930	14.8900			15.9900	14.8900	082262	R	DOE	LN NRC LI	SNM-1158
NR	NRPUBE93	50	BE	80.0030	74.3000			80.0000	74.3000	091262	D	DOE	LN NRC LI	SNM-1158

3/11/96

ZTQ SAN FRANCISCO STATE UNIVERSITY

NR	NRPUBE73	50	BE	16.0000	14.8900			16.0000	14.8900	080962	D	P/D	A/S LI	CAL0084-90

ZTS ST BONAVENTURE UNIVERSITY

N	N1093	50	BE	77.4300	72.0000			77.4300	72.0000	080261	D	P/D	A/S LI	NY-534

ZTU ST JOHNS UNIVERSITY

from MOOG
9RW 6/15/05

AS OF 09-30-75

ZTK ROOSEVELT UNIVERSITY

MANUFACTURER	SERIAL #	HT	TE	ELEMENT WEIGHT	ISOTOPE WEIGHT	DATE OF MANUFACTURE	STATUS	OWNERSHIP	POSSESSED BY	LICENSE #
MOUND LAB	M1155	50	BE	61.0000	57.0000	101161	O	P/O	NRC LIC	SNM-481
MOUND LAB	M1156	50	BE	15.2900	14.1700	101161	O	P/O	NRC LIC	SNM-481

ZTL ROSE-HULMAN INSTITUTE OF TECHNOLOGY

MONSANTO	MRPUBE40	50	BE	16.0000	15.0000	032862	O	P/O	NRC LIC	SNM560
MONSANTO	MPPUBE371	50	BE	64.0000	57.7600	032966	O	P/O	NRC LIC	SNM-560

ZTM RUTGERS UNIVERSITY

MOUND LAB	M561	50	BE	75.6300	70.3300	052361	R	P/O	NRC LIC	SNM-314
MONSANTO	MRPUB-Z	50	B	3.0000	3.0000	030000	O	P/O	NRC LIC	SNM-314
NUMEC	N800H33	50	BE	80.0000	74.5000	101564	O	P/O	A/S LIC	SNM314

ZTN SAM HOUSTON STATE UNIVERSITY

MOUND LAB	M1243	50	BE	79.5900	73.9600	110863	O	P/O	A/S LIC	TX3-497

ZTP CALIFORNIA STATE U AT SAN DIEGO

MOUND LAB	M370	50	BE	15.7800	14.6800	041662	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M371	50	BE	15.9900	14.8900	041662	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M451	50	BE	15.9900	14.8900	072662	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M491	50	BE	15.9200	14.8200	120761	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M492	50	BE	15.7500	14.6500	120761	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M815	50	BE	15.9800	14.8800	082262	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M816	50	BE	15.9900	14.8900	082262	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M817	50	BE	15.9900	14.8900	082262	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M818	50	BE	15.9900	14.8900	082262	R	ERDA LOAN	NRC LIC	SNM-1158
MOUND LAB	M819	50	BE	15.9900	14.8900	082262	R	ERDA LOAN	NRC LIC	SNM-1158
MONSANTO	MRPUBE93	50	BE	80.0000	74.5000	091262	O	ERDA LOAN	NRC LIC	SNM-1158

ZTU CALIFORNIA STATE U AT SAN FRANCISCO

MONSANTO	MRPUBE73	50	BE	16.0000	14.8800	080962	O	P/O	A/S LIC	CAL0084-90

ZTS ST BONAVENTURE UNIVERSITY

MOUND LAB	M1093	50	BE	77.4300	72.0000	083261	O	P/O	A/S LIC	NY-534

ZTT ST EDWARDS UNIVERSITY

MOUND LAB	M984	50	BE	16.0000	15.0000	021761	O	P/O	A/S LIC	TX6-1416

ZTU ST JOHNS UNIVERSITY

MOUND LAB	M1103	50	BE	15.1100	14.0100	071761	O	P/O	A/S LIC	NY88-1

from MOZO
9RW 6/15/05

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617
Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] E-mail Record

Attn:	CCP RECORDS PERSONNEL	From:	LANL RECORDS
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	L&M TECHNOLOGIES
	GSA 103	Telephone Number:	505-662-1337
		Date Sent:	7-27-05
Telephone Number:	505-234-7617		

Document Number	Title / Description	Record Date	Total Pages
DR006	AK SOURCE DOCUMENT LA-0S-00-01 AK8	06-21-05	~~16~~ 7 & 7/27/05

Comments

N/A

CCP Records Center
Acceptance/Rejection Signature and Date

Records Accepted [X] Katie Chester (Signature) Katie Chester (Printed Name) 9/12/05 (Date)

Records Rejected [ ] _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

P.01

TRANSACTION REPORT

SEP-14-2005 WED 01:21 PM

FOR: CCP RECORDS 15052347014

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
SEP-14	01:21 PM	LANL	16"	1	FAX TX	OK	460	

TOTAL : 16S PAGES: 1

Controlled Copy

CCP-QP-008, Rev. 10
CCP Records Management

Effective Date: 10/15/2004
Page 29 of 33

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] E-mail Record

Attn:	CCP RECORDS PERSONNEL	From:	LANL RECORDS
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	L&M TECHNOLOGIES
	GSA 103	Telephone Number:	505-662-1337
		Date Sent:	7-27-05
Telephone Number:	505-234-7617		

Document Number	Title / Description	Record Date	Total Pages
DR006	AK SOURCE DOCUMENT LA-0S-00-01 AK8	08-21-05	~~16~~ 7 8/7/25

Comments

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR003

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☑ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a] : Discrepancy Resolution re: Manufacture Dates on Recanned Monsanto Sources

Source Document Reference Information (author(s), document and revision number, date, publisher): J. Whitworth, TWCP-24925, NA, 06/13/2005

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS3, WS11, O12, O15	~ 2	Describes a discrepancy in the manufacture date between original shipping data sheets and NMMSS and recanned data sheets for Monsanto-manufactured sealed sources that were produced before 1962. All Monsanto sources manufactured before the initiation of a recanning campaign were recalled, although not all were received before the campaign was closed. The resolution is to use the older manufacture date on the shipping data sheet because it reflects the date on which the radioactive materials were originally placed into the sealed source, rather than the date on which the source was recanned and/or returned to its owner. The document also resolves to use an older shipping date from shipping data sheets for three non-recanned sources, M1067, M1068, and M1069.

Source Document Data Limitations (if any):

1. Best Available Copy(s)
2. Only an example of a discrepancy is attached, rather than the affected portions of source documents for all sources for which the discrepancy was observed.

Acceptable Knowledge Expert:

Jason Montoya [signature] Date: 2/10/15

Print Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 2/10/2015
EPF

DIVIDER PAGE ONLY

Not part of page count

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number: LA-OS-00-01

Waste Stream Description: LANL Off-Site Source Recovery Project Sealed Sources

AK Documentation Type: [ ]TRU Waste Management Program Information [X]Waste Stream-Specific Information [ ]Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR03

Tracking #	Category[a]	Title	Document/ Rev #	Author	Date	Publisher	Page #
D014	Pub	"Inspection and Recanning Program of PuBe Neutron Sources"	TWCP-07664	M. Hertz	1/7/64	Monsanto RC	10-11, 14
M006	Unpub	NMMSS Report SS-2	TWCP-05463	Martin Marietta	12/31/85	DOE	Various
M020	Unpub	NMMSS Listing of Sealed Sources by RIS	TWCP-06410	Union Carbide	9/30/75	ERDA	Various
M038	Unpub	Mound Site Purchase Orders and Shipping Data	TWCP-05632	NA	5/22/61	NA	Various
M056	Unpub	Shipping Data Sheets for Recanned Sources	TWCP-24932	Monsanto RC	November 25, 1963	Monsanto RC	Various

Nature of Discrepancy: Numerous containers to be characterized on radiological characterization BDRs hold sources for which the manufacture dates listed in NMMSS conflict with source-specific shipping data sheets. The following containers and sources are affected.

- Container #60280, Source M076
- Container #60300, Sources M147, M148, M149, and M150
- Container #61418, Source M274
- Container #61422, Source M241
- Container #60363, Source M046
- Container #61400, Source M233
- Container #60361, Source M385
- Container #61401, Source M373, M374, and M375
- Container #61402, Source M376
- Container #61414, Source M364
- Container #61416, Sources M573-M577
- Container #61417, Source M605
- Container #61438, Source M170
- Container #61439, Source M830

CCP RECORDS ORIGINAL
DATE REC'D 2/10/2015
EPF

- Container #61442, Sources M423, M735, and M736
- Container #61449, Sources M442, M505, M506, and M507
- Container #61452, Source M695
- Container #61453, Sources M209 and M210
- Container #61481, Source M266
- Container #61484, Sources M050 and M701
- Container #61487, Source M541
- Container #61489, Sources M349-M352
- Container #61495, Sources M414-M418
- Container #61504, Source 269
- Container #61511, Sources M466, M769, and M770
- Container #61579, Source M684
- Container #61578, Source M261
- Container #61580, Source M118

Additional sources collected in the future may also exhibit this same discrepancy if they were manufactured by Monsanto in or before 1961.

Resolution: NMMSS (M006, M020), which is the more recent source, shows later dates than the shipping data sheets (M038). Further investigation showed that the dates in NMMSS are identical to those on later shipping data sheets (M056) developed during a massive recanning effort conducted by Monsanto in response to a source rupture incident (D014). NMMSS reports published after the recanned effort show the date on which the source was recanned and shipped back to its owner, rather than the date on which the source was originally produced and shipped. The radioactive source material was not altered during the recanning effort in such a way that quantities would have been reflected; they were simply re-clad. Therefore, for each source, the date on the original shipping data sheets will be used because it more accurately reflects changes occurring in the source radioactive materials due to decay. Both the NMMSS data and the original and recanned shipping data sheets will be attached to each radiological characterization BDR as sufficient AK documentation. For the source M561, no recanned shipping data sheet was recovered, but because the source was manufactured in 1959, it would definitely have been recalled and is likely to have been recanned, consistent with the 1961 date in NMMSS. The older shipping data sheet date will be used for radiological characterization in this case.

In addition, three sources (M1067, M1068, and M1069) are listed in NMMSS with a manufacture date of 3/19/62, while their shipping data sheets show 3/9/62. These sources were not recanned. The discrepancy is probably due to data entry error and is relatively insignificant, but the older date will be used for characterization purposes.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth / Julia Whitworth (Print/Sign) Date: 6/13/05

Site Project Manager: S.M. Petersen / [signature] (Print/Sign) Date: 6/27/05

[a] Published Document or Controlled Database (Pub.), Unpublished Data (Unpub.), Internal Procedure or Note (Proc.), Correspondence (Corr.), or Discrepancy (Disc.)

0-582

SHIPPING DATA

PLUTONIUM NEUTRON SOURCE

MOUND LABORATORY
Operated by
MONSANTO CHEMICAL COMPANY
U.S. GOVERNMENT CONTRACT NUMBER AT-33-1-GEN-53
Miamisburg, Ohio

TO: [illegible]

DATE OF SHIPMENT & CALIBRATION 10-17-57 JRW 5/3/05

VIA [illegible]

NEUTRON SOURCE NO. [illegible] M-76 JRW 5/3/05

YOUR P.O. NO. [illegible]

LICENSE NO. [illegible]

SS ALLOTMENT QUOTA NO. [illegible]

1. TYPE OF SOURCE [illegible]
2. GRAMS OF Be - [illegible]
3. GRAMS OF Pu - [illegible]
4. CONTAINER MATERIAL - [illegible]
5. DIMENSIONS OF CONTAINER - INSIDE - [illegible]
   OUTSIDE - [illegible]
6. METHOD OF SEALING - WELDED ☒ COATED WITH NICKEL ☐
7. NEUTRON EMISSION - [illegible] N/SEC
8. TOLERANCE DISTANCE IN AIR FOR 8 HOURS - [illegible] INCHES
   (BASED ON 30 N/SEC/CM^2)

SHIPPING CONTAINER IS A PARAFFIN-FILLED [illegible]-GALLON DRUM.

SOURCE IS IN A SLOT AT THE BOTTOM OF A PARAFFIN-FILLED TUBE WHICH MAY BE LIFTED AFTER REMOVING THE SEALED CLOSURE OF THE DRUM.

PRICE OF SOURCE . . . . . [illegible]

PLUS COST OF SHIPPING CONTAINER . . . . . [illegible]

TOTAL . . . . . [illegible]

REMARKS: [illegible]

[illegible]
[illegible]
[illegible]
[illegible]

[illegible] the terms of the guarantee under which this source remains with the AEC, additional charges may be later imposed by the AEC on the plutonium.

ORIGINAL SIGNED BY J. L. RICHMOND

J. L. Richmond, Group Leader, Sources
PRODUCTION SUPERINTENDENT

Source: M038 JRW 5/3/05

0-382
Rev. 10-24-62

SHIPPING DATA
PLUTONIUM NEUTRON SOURCE
MONSANTO RESEARCH CORPORATION
MOUND LABORATORY
MIAMISBURG, OHIO

MLO-36701-119

TO: Armour Research Foundation
10 West 35th Street
Chicago 16, Illinois

ATTN: Mr. L. C. Berrall
Chief Health Physicist

DATE OF CALIBRATION: January 21, 1963 per original 9RW 5/16/63

VIA: Rail

YOUR P.O. No.: 3

LICENSE No.: 3NM-42

SS ALLOTMENT QUOTA No.: 7000

NEUTRON SOURCE No.: M-76 M-76 per original 9RW 5/16/63

WITHDRAWN FROM: SRX-31 1

1. TYPE OF SOURCE - Be-Pu
2. GRAMS OF Be - 7.70
3. GRAMS OF Pu - 15.22 per original 9RW 5/16/63
4. CONTAINER MATERIAL - Tantalum and stainless steel
5. DIMENSIONS OF CONTAINER - INSIDE - [illegible] OUTSIDE - 1.9 [illegible] with 1-32 copper hole
6. METHOD OF SEALING - WELDED
7. NEUTRON EMISSION - [illegible] N/SEC
8. TOLERANCE DISTANCE IN AIR FOR 8 HOURS - 15 INCHES (BASED ON 55 N/SEC/CM²)

55 N/CM/SEC IS EQUIVALENT TO 0.3 REM IN 40 HRS. EXPOSURE
SEE BUREAU STANDARDS HANDBOOK #59, 63 & 69 FOR COMPLETE INFORMATION

SHIPPING CONTAINER IS A PARAFFIN-FILLED 1 GALLON DRUM

SOURCE(S) IS IN A SLOT AT THE BOTTOM OF A PARAFFIN-FILLED TUBE WHICH MAY BE LIFTED AFTER REMOVING THE SEALED CLOSURE OF THE DRUM.

PRICE OF SOURCE ..... [illegible]
PLUS COST OF SHIPPING CONTAINER ..... No charge
TOTAL .....

CC: [illegible]

REMARKS:
THE TITLE TO THE PLUTONIUM USED IN THIS SOURCE REMAINS WITH THE ATOMIC ENERGY COMMISSION.

[illegible]
GROUP LEADER, SOURCES

U.S. GOVERNMENT CONTRACT NO. AT-33-1-GEN-53

MFR	SERIAL #	MT	TE	ORIGINAL WEIGHT EL	ORIGINAL WEIGHT IS	IODIAL DECAY EL	IODIAL DECAY IS	ADJUSTED WEIGHT EL	ADJUSTED WEIGHT IS	DATE OF MFR	STAT	OWNER	POSS. BY	LICENSE #	
ZJC UNIVERSITY OF IDAHO															
MR	MRPUBE188	50	BE	79.9100	74.0000			79.9100	74.0000	030863	O	P/O	A/S	LI IDA-84-7	
ZJM IIT RESEARCH INSTITUTE															
M	M476	90	BE	15.2200	14.1200			15.2200	14.1200	012163	R	P/O	NRC	LI SNM-49	
ZJP ILLINOIS INSTITUTE OF TECHNOLOGY															
M	M536	50	BE	15.8800	14.7800			15.8800	14.7800	061961	R	P/O	NRC	LI SNM-301	10/17/95
M	M537	50	BE	15.9600	14.8000			15.9600	14.8000	061961	R	P/O	NRC	LI SNM-301	
ZJR U OF ILLINOIS, DEPT OF PHYSICS															
M	M478	50	BE	15.6400	14.5400			15.6400	14.5400	091361	R	DOE	LN NRC	LI SNM-236	
M	M479	50	BE	15.5500	14.4300			15.5500	14.4300	091361	R	DOE	LN NRC	LI SNM-236	4/23/97
M	M480	50	BE	15.8600	14.7600			15.8600	14.7600	091361	R	DOE	LN NRC	LI SNM-236	
M	M481	50	BE	15.9200	14.8200			15.9200	14.8200	091361	R	DOE	LN NRC	LI SNM-236	
M	M482	50	BE	15.4000	14.3000			15.4000	14.3000	091361	R	DOE	LN NRC	LI SNM-236	
M	M1125	50	BE	75.9200	71.3000			75.9200	71.3000	080261	O	DOE	LN NRC	LI SNM-236	
ZJU INDIANA STATE UNIVERSITY, TERRE HAUTE															
M	M323852	50	BE	32.0000	29.7700			32.0000	29.7700	033164	O	P/O	NRC	LI SNM-742	10/24/95
ZJV UNIVERSITY OF INDIANA															
MR	MRPUBE199	90	BE	31.7900	29.6700			31.7900	29.6700	041163	O	P/O	NRC	LI SNM-634	
ZJW INDUSTRIAL REACTOR LABS, N.L. INDSTRS															
M	M805S12	50	BE	8.0000	7.4000			8.0000	7.4000	091961	O	P/O	NRC	LI SNM-243	
ZJY IONA COLLEGE															
MR	MRPUBE198	90	BE	31.9300	29.7000			31.9300	29.7000	092862	O	P/O	A/S	LI NY1940	
ZJZ UNIVERSITY OF IOWA, IOWA CITY															
M	M402	90	BE	15.9800	14.8600			15.9800	14.8600	082261	R	DOE	LN NRC	LI SNM-204	10/12/93
M	M403	90	BE	15.9900	14.8800			15.9900	14.8800	082261	R	DOE	LN NRC	LI SNM-204	
M	M404	90	BE	15.9800	14.8600			15.9800	14.8600	082361	R	DOE	LN NRC	LI SNM-204	
M	M405	90	BE	15.9900	14.8700			15.9900	14.8700	082361	R	DOE	LN NRC	LI SNM-204	

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR002

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☑ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a] : Discrepancy Resolution re: Source MRC-PuBe-8-8

Source Document Reference Information (author(s), document and revision number, date, publisher): J. Whitworth, TWCP-25265, NA, 06/15/2005

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS11, O12, O15	1	For source MRC-PuBe-8-8, there is a minor discrepancy in the total Pu reported in source documents M020 and M057. The resolution is that the larger total Pu amount reported in the shipping data (M057) will be used for radiological characterization purposes.

Source Document Data Limitations (if any):
1. Best Available Copy(s)

Acceptable Knowledge Expert:

Christopher Chancellor / Date: 05/02/2012
Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 6-21-12

P2010 Information Release Form

This form is to be completed and submitted to Project 2010 with copies BEFORE you present or submit for release any technical work of the Project 2010. **Allow three days for review.**	**Package for review must include:** Completed Information Release Form Cover sheet on each submission Two copies of submission

1. Author(s) name(s)					2. Author(s) Signature & Date
Last	First	Middle	Z #	Group (or affiliation)	Julia Whitworth 4/7/05
Whitworth	Julia	R	107833	NWIS-TP	

3. Title of Article (in caps: spell out all symbols):

DISCREPANCY RESOLUTION RE: DIFFERENCE BETWEEN NMMSS AND SHIPPING DATA FOR SEVEN LLNL SEALED SOURCES

4. Type of Information:

- ☐ Real Time Radiography (RTR) batch reports and/or videotapes
- ☐ Headspace gas batch data reports
- ☐ Non-Destructive Assay (NDA) batch data reports, calibration reports, and/or isotopic reports
- ☐ Visual Examination, Prohibited Item Disposition (VE/PID) batch data reports and/or videotapes
- ☑ Acceptable Knowledge (AK) reports, radioisotope data, and/or source documents
- ☐ Other (**Must be PROJECT 2010, specific**)

5. Intended For:

Public Release

6. Particulars:

Central Characterization Project (CCP) Records Center, Carlsbad, NM.

7. Deadline Date	Z number, name and phone of contact for notification of release	Mail Stop
ASAP	107833, Julia Whitworth, 667-0534 or 699-3915	J552

8. Typed/Printed Name of Derivative Classifier	Signature and Date

☐ Classified (**Go to Form 678**) ☐ Unclassified ☐ Unclassified, Limited Explain

9. P2010 Public Release Official	Signature and Date:

10. Typed/Printed Name of Responsible Author/Requestor	Signature and Date:
Julia Whitworth	Julia Whitworth 4/7/05

11. NWO-TP Group Leader	Signature and Date:

ORIGINAL

QP-00-004,R.2
Effective Date: 10/30/03

RECORDS SUBMITTAL

INSTRUCTIONS: This form is prepared by the record source when submitting individual records, batch data reports, or a records package to the RMDC Center. Each record submitted requires a complete form.

MANDATORY: ☑ To the best of my knowledge, the record(s) have no radioactive contamination.

Signature: Julia Whitworth

RECORD TYPE:

☑ Project 2010 ☐ Facility

☐ Other: ☐ UCNI ☐ Proprietary

RECORD SOURCE:

Submittal Date: 6/27/05 Z No.:107833 Name: Julia Whitworth

Originator: LANL Organization: N-2

TYPE OF RECORD/ACTION TO BE TAKEN

☑ Individual Record ☐ Batch Data Report ☐ Records Package

☑New ☐ Addition* ☐ Supersedes*

*Record Barcode Number: _____

RECORD ID NUMBER: (e.g., memo symbol number, procedure (include revision), deficiency number, batch data report number, unique record identifier if applicable):

Record Date: June 20, 2005 Physical Page Count: 5 ☑Single Sided ☐ Double Sided

Category Number: (from page two): 7

RECORD TITLE, SUBJECT, AND/OR KEYWORDS:

Discrepancy Resolution re: Source MRC-PuBe-8-8 P2010--1309

MEDIA TYPE:

☐ CD ☐ Diskette ☐ VHS ☐ Zip ☑ Other (specify): Hard copy

RECORD CENTER USE ONLY

☑ Accepted Date: 7-6-05

Signature: Darrette Martinez

RIDs Type: LT

Scan Date: _____ By: _____ QC Date: _____ By: _____

(Subject to change prior to scheduled review cycle).

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number: LA-OS-00-01

Waste Stream Description: LANL Off-Site Source Recovery Project Sealed Sources

AK Documentation Type: [ ]TRU Waste Management Program Information [X]Waste Stream-Specific Information [ ]Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR02

Tracking #	Category[a]	Title	Document/ Rev #	Author	Date	Publisher	Page #
M020	Unpub	NMMSS Listing of Sealed Sources by RIS	TWCP-06410	Union Carbide	9/30/75	ERDA	25
M057	Unpub	MRC Pu-238 Data		NA		NA	4
M006	Unpub	NMMSS Report SS-2	TWCP-05463	Martin Marietta	12/31/85	DOE	40

Nature of Discrepancy: Information on total Pu content from manufacturer shipping data form (M057) did not agree with information in the national NMMSS database (M006, M020) for a source owned by LLNL. The affected source is as follows:

- MRC-PuBe-8-8. Shipping Data form – 0.31g total Pu, 0.25 g Pu-238. NMMSS – 0.2900g total Pu, 0.2300 Pu-238.

Resolution: It appears that NMMSS, which is the later source, reflects handwritten data recorded on the shipping data form in 1973 that decayed the original quantities for 10 years from their original date of transfer in 1963. OSR should use the shipping data because it reflects the undecayed quantitiy of Pu-238 and the OSR Characterization Software will perform the decay calculation up to the current date when the software is used to generated a Container Characterization Report.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth / Julia Whitworth (Print/Sign) Date: 6/15/05

Site Project Manager: S.M. Peterman / [signature] (Print/Sign) Date: 6/27/05

[a] Published Document or Controlled Database (Pub.), Unpublished Data (Unpub.), Internal Procedure or Note (Proc.), Correspondence (Corr.), or Discrepancy (Disc.)

94015 (MUST)

MONSANTO RESEARCH CORPORATION

A SUBSIDIARY OF MONSANTO CHEMICAL COMPANY

NUCLEAR SOURCES DEPARTMENT
1515 NICHOLAS ROAD
DAYTON, OHIO

Mail Address: Station B, Dayton 7, Ohio

Phone 268-5481
Area Code 513

SHIPPING DATA FORM

DATE OF CALIBRATION AND SHIPMENT: 4-11-63

VIA	B/L NUMBER
REA	4551

TO: The UNIVERSITY OF CALIFORNIA
LAWRENCE RADIATION LABORATORY
Accounting Office
Box 528
Berkeley 1, California

SHIPPING ADDRESS:
U.C. Lawrence Radiation Lab.
End of East Avenue 8278506
Livermore, California
Att: F. S. Smith

MONSANTO RESEARCH CORPORATION LICENSE NUMBER
SNM-567

#300007 (Lab-Neu)

Accountability data

Reco No. 0 NTS 5415

License No. NR

S. S. Allotment Quota No.

Remarks: 5415

Monsanto Research Corporation
Nuclear Source No. MRC-PuBe-8-8

Customer P. O. No. 8278506

Job No.

Type of source: Plutonium-beryllium neutron source 70-80.6

Amount and chemical form of isotope: 0.31 gms plutonium (0.25 gm Pu-238)

Weight and composition of target (in neutron sources): $\frac{-.02}{0.29}$ 10 yrs decay $\frac{-.02}{0.25}$ 4/1/73
0.41 gms beryllium metal

Emission rate: 6.59 x 10^6 n/sec 5.75 x 10^6 sec 4-11-80

Max. energy of emitted alpha or beta particles

Source container description
material: Tantalum in nickel (spheres)

dimensions: Ta sphere: 0.34" ID x 0.42" OD
Ni sphere: 0.43" ID x 0.467" OD

alpha or beta source cover material:

cover thickness:

Shipping container description:

30-gal paraffin-filled drum No. N-16

Source	$ 700.00
Value of shipping container	$ -o- *
Total price of source	$ 700.00

Remarks:

* MRC-PuBe-8-7 and 8 both shipped in same container No. N-16

COPY

MONSANTO RESEARCH CORPORATION

By J. L. Richmond

Title Manager, NuclearSour

Date April 11, 1963

AS OF 12-31-89

LZB LAWRENCE LIVERMORE NATIONAL LAB

MFR	SERIAL #	MT	TE	ORIGINAL WEIGHT EL	ORIGINAL WEIGHT TS	TOTAL DECAY EL	TOTAL DECAY TS	ADJUSTED WEIGHT EL	ADJUSTED WEIGHT TS	DATE OF MFR	STAT	OWNER	POSS. BY	LICENSE #
MR	MRCPULIZ	83	LI	5.8000	5.1800	0.7319	0.7319	5.0681	4.4481	112163	0	DOE	DOE	C
MR	MRPU8BE1	83	BE	0.2700	0.2200	0.0339	0.0339	0.2361	0.1961	012563	0	DOE	DOE	C
MR	MRPU8BE3	83	BE	0.7800	0.6300	0.0971	0.0971	0.6829	0.5329	012563	0	DOE	DOE	C
MR	MRPU8BE7	83	BE	0.7550	0.6130	0.0931	0.0931	0.6619	0.5199	041163	0	DOE	DOE	C
MR	MRPU3BE9	83	BE	7.4500	6.0200	0.9028	0.9028	6.5472	5.1172	091163	0	DOE	DOE	C
MR	MRPU3BE15	83	BE	3.9800	3.2100	0.4759	0.4759	3.5041	2.7341	121263	0	DOE	DOE	C
MR	MRPU3BE16	83	BE	0.3620	0.0590	0.0086	0.0086	0.0534	0.0504	040264	0	DOE	DOE	C
MR	MRPU8BE17	83	BE	0.0120	0.0100	0.0014	0.0014	0.0106	0.0086	040264	0	DOE	DOE	C
MR	MRPU3BE24	83	BE	3.2250	0.4400	0.0255	0.0255	0.1945	0.1945	113064	0	DOE	DOE	C
MR	MRPU8BE26	83	BE	10.8500	8.7500	1.1751	1.1751	9.6749	7.5749	010166	0	DOE	DOE	C
MR	MRPU8BE28	83	BE	10.7000	8.6000	1.1304	1.1304	9.5696	7.4696	060366	0	DOE	DOE	C
MR	MRPU3BE40	83	BE	1.0000	0.8130	0.0995	0.0995	0.9005	0.7135	082867	0	DOE	DOE	C
MR	MRCPUBE8-8	83	BE	0.2900	0.2300	0.0351	0.0351	0.2549	0.1949	041163	0	DOE	DOE	C
MR	MRPU3BE425	83	BE	0.0230	0.0200	0.0032	0.0032	0.0198	0.0168	042977	0	DOE	DOE	C
MR	MRPU8BE426	83	BE	0.5090	0.4130	0.0054	0.0054	0.5036	0.4076	042977	0	DOE	DOE	C

LZC LAWRENCE LIVERMORE LAB, MERCURY

M	MP1	89	BE	0.0700	0.0570	0.0130	0.0130	0.0600	0.0470	090159	0	DOE	DOE	C

NAB NEVADA TEST SITE, USDOE

M	M1209	50	BE	1.1800	1.0800			1.1800	1.0800	030162	0	DOE	DOE	C
M	M1240	50	BE	0.4230	0.4000			0.4230	0.4000	010264	0	DOE	DOE	C
M	M1241	83	BE	3.6240	3.3600	0.4967	0.4967	3.1273	2.8633	010264	0	DOE	DOE	C
MR	MRPU8E38	50	BE	10.0000	9.0000			10.0000	9.0000	031662	0	DOE	DOE	C
MR	MRPU8E179	50	BE	15.9500	14.5000			15.9500	14.5000	021163	0	DOE	DOE	C
MR	MRPU8BE	83	BE	0.0780	0.0630	0.0079	0.0079	0.0701	0.0551	030167	0	DOE	DOE	C
MR	MRPU8BE12	83	BE	7.4000	5.7000	0.9428	0.8428	6.1992	4.8992	012064	0	DOE	DOE	C
MR	MRPU8BE13	83	BE	0.7530	0.5900	0.0870	0.0870	0.6630	0.5030	012064	0	DOE	DOE	C
MR	MRPU8BE14	83	BE	0.1000	0.0800	0.0118	0.0118	0.0882	0.0682	012064	0	DOE	DOE	C
MR	MRPU8BE31	83	BE	0.0780	0.0630	0.0079	0.0079	0.0701	0.0551	030167	0	DOE	DOE	C
MR	MRPU8BE32	83	BE	0.0780	0.0630	0.0079	0.0079	0.0701	0.0551	030167	0	DOE	DOE	C
MR	MRPU8BE34	83	BE	0.3780	0.0630	0.0079	0.0079	0.0701	0.0551	030167	0	DOE	DOE	C
MR	MRPU8BE49	83	BE	0.0570	0.0460	0.0053	0.0053	0.0517	0.0407	072968	0	DOE	DOE	C
MR	MRPU8BE70	83	BE	0.3200	0.2500	0.0291	0.0291	0.2909	0.2209	072968	0	DOE	DOE	C
MR	MRPU8BE176	83	BE	3.3500	2.7000	0.2564	0.2564	3.0936	2.4436	081971	0	DOE	DOE	C
M	M16WA6	50	BE	16.0000	15.0000			16.0000	15.0000	093061	0	DOE	DOE	C
M	M112J11	50	BE	112.0000	104.0000			112.0000	104.0000	022369	0	DOE	DOE	C
M	M160UK9	50	BE	160.0000	149.0000			160.0000	149.0000	093061	0	DOE	DOE	C
M	M86336	50	BE	9.6000	9.0000			9.6000	9.0000	103163	0	DOE	DOE	C

NAE E G & G, INC., LAS VEGAS, NV

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:13:01258
UFC:5900.00

COPY

INTER-OFFICE CORRESPONDENCE

DATE: June 26, 2013

FROM: M. F. Ramirez — LOCATION: CCP Certification

Mike Ramirez

TO: NTPC Records Custodian GSA-212 — LOCATION: National TRU Program Certification

SUBJECT: TRANSMITTAL OF LOS ALAMOS NATIONAL LABORATORY SITE WASTE STREAM PROFILE FORM LA-MSG04.001 FOR WASTE STREAM LA-MSG04.001

Please accept the attached Los Alamos National Laboratory site Waste Stream Profile Form LA-MSG04.001 to be placed in records for Waste Stream # LA-MSG04.001.

MFR:jmc

Attachment

cc: (without attachment)

R. P. Kantrowitz ED
M.W. Pearcy ED

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

NTPC RECORDS ORIGINAL
DATE REC'D 7.2.13
AH

Attachment 2 – CCP Waste Stream Profile Form

(1) Waste Stream Profile Number: LA-MSG04.001						
(2) Generator site name: Los Alamos National Laboratory				(3) Generator site EPA ID: NM0890010515		
(4) Technical contact: Terri-Anne Groover				(5) Technical contact phone number: 505-606-2344		
(6) Date of audit report approval by New Mexico Environment Department (NMED): April 18, 2013						
(7) Title, version number, and date of documents used for WIPP-WAP Certification: CCP-PO-001, CCP Transuranic Waste Characterization Quality Assurance Project Plan, Revision 20, June 16, 2011; CCP-PO-002, CCP Transuranic Waste Certification Plan, Revision 26, July 14, 2011; CCP-PO-012, CCP/Los Alamos National Laboratory (LANL) Interface Document, Revision 12, November 5, 2012						
(8) Did your facility generate this waste?	YES	X	NO			
(9) If no, provide the name and EPA ID of the original generator: NA						
Waste Stream Information						
(10) WIPP ID: LA-MSG04.001				(11) Summary Category Group: S4000 – Soils/Gravel		
(12) Waste Matrix Code Group: Soils				(13) Waste Stream Name: Contaminated Soil from TA-21		
(14) Description from the ATWIR: Mixed contaminated soil generated during D&D, sampling activities, and nonstandard events such as the cleanup of spills. The waste is comprised of dirt or soil, dust, sand, silt, rock and gravel contaminated with TRU material.						
(15) Defense TRU Waste:	YES	X	NO			
(16) Check One:	CH	X	RH			
(17) Number of SWBs[1]: 40 (17a) Number of SLB2: NA			(18) Number of Drums: 48 55-gallon drums		(19) Number of Canisters: NA	
(20) Batch Data Report numbers supporting this waste stream characterization: See Characterization Information Summary (CIS) Correlation of Container Identification Numbers to Batch Data Report Numbers.						
(21) List applicable EPA Hazardous Waste Numbers:[2] D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002 and F005						
(22) Applicable TRUCON Content Numbers: LA 211 / SQ 211						
(23)**Acceptable Knowledge Information**						
(For the following, enter the supporting documentation used [i.e., references and dates])						
Required Program Information						
(23A) Map of site: CCP-AK-LANL-010, Revision 6, February 14, 2013, Figures 1, 2 and 3						
(23B) Facility mission description: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 4.2.2						
(23C) Description of operations that generate waste: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 4.4						
(23D) Waste identification/categorization schemes: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 4.3.2						
(23E) Types and quantities of waste generated: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 4.3.4						
(23F) Correlation of waste streams generated from the same building and process, as applicable: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 4.3.5						

(24) Waste certification procedures: CCP CH TRU Waste Certification and WWIS/WDS Data Entry, CCP-TP-030, Revision 31, November 19, 2012			
(25)Required Waste Stream Information			
(25A) Area(s) and building(s) from which the waste stream was generated: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 6.1			
(25B) Waste stream volume and time period of generation: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 6.2			
(25C) Waste generating process description for each building: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 6.3			
(25D) Waste Process flow diagrams: CCP-AK-LANL-010, Revision 6, February 14, 2013, Figures 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13			
(25E) Material inputs or other information identifying chemical/radionuclide content and physical waste form: CCP-AK-LANL-010, Revision 6, February 14, 2013, Section 6.4			
(25F) Waste Material Parameter Weight Estimates per unit of waste: See table entitled "Waste Material Parameter Estimates for LA-MSG04.001" in Summation of Aspects of AK Summary Report: LA-MSG04.001			
(26) Which Defense Activity generated the waste:			
	Weapons activities including defense inertial confinement fusion		Naval Reactors development
	Verification and control technology	X	Defense research and development
X	Defense nuclear waste and material by products management	X	Defense nuclear material production
	Defense nuclear waste and materials security and safeguards and security investigations		
(27)Supplemental Documentation			
(27A) Process design documents: NA			
(27B) Standard operating procedures: See D029, D080, P001, P002, P003, P004, P007, P009, P010, P011, P012, P015, P018 and P020 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27C) Safety Analysis Reports: See D014 and D079 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27D) Waste packaging logs: See M020 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27E) Test plans/research project reports: See C008, D047, D048, D050 and D051 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27F) Site databases: See M004 and M009 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27G) Information from site personnel: See C006, C007, C011, C013, C014, C015, C016, C017, C018, C019, C020 and D013 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27H) Standard industry documents: NA			
(27I) Previous Analytical Data: See D023 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27J) Material safety data sheets: See M010 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			
(27K) Sampling and analysis data from comparable/surrogate Waste: NA			
(27L) Laboratory notebooks: See M016 and M017 in the Summation of Aspects of AK Summary Report: LA-MSG04.001, Source Documents			

Confirmation Information	
For the following, when applicable, enter procedure title(s), number(s) and date(s)	
(28)	Radiography: CCP Standard Real-Time Radiography (RTR) Inspection Procedure, CCP-TP-053, Revision 13, May 14, 2013
	Visual Examination: NA
(29) Comments: For a list of the waste characterization procedures used and date of respective procedures see the list of procedures on the attached CIS.	

Reviewed by AK Expert: YES [X] **Date:** 12/3/2012

Reviewed by STR (if necessary): YES [X] N/A [ ] **Date:** 1/17/2013

Waste Stream Profile Form Certification:

I hereby certify that I have reviewed the information in this Waste Stream Profile Form, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Site Project Manager	Veronica Waldram Printed Name	6/19/2013 Date

NOTE: (1) This includes 15 crates (38.4 m^3) that are expected to be repackaged into SWBs. These crates represent 21 of the 40 SWBs.

(2) If radiography or visual examination were used to confirm EPA Hazardous Waste Numbers, attach signed Characterization Information Summary documenting this determination.

CHARACTERIZATION INFORMATION SUMMARY

WSPF # LA-MSG04.001

Lot 1

TABLE OF CONTENTS

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CCP Characterization Information Summary Cover Page

Waste Stream # LA-MSG04.001 Lot #: 1

AK Expert Review: N/A Date: N/A

SPM Review: Richard Kantrowitz Date: 6/4/2013

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Radiography (RTR/NDE):

CCP-TP-053	Rev. 13	05/14/13	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 12	08/22/12	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 11	07/20/11	CCP Standard Real-Time Radiography (RTR) Inspection Procedure

Non Destructive Assay (NDA):

CCP-TP-063	Rev. 14	08/01/12	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/11	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 11	05/16/13	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 10	08/30/11	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000

Solids Sampling:

INST-OI-73	Rev. 4	04/07/09	Manual Drum Coring Operations
INST-OI-16	Rev. 30	04/07/09	Drum Coring Operations

Solids Analysis:

CCP-TP-180	Rev. 3	01/17/13	CCP Analytical Sample Management
CCP-TP-180	Rev. 2	12/29/10	CCP Analytical Sample Management
CCP-TP-181	Rev. 0	05/02/07	CCP Determination of Mercury by CVAA for TRU Waste Characterization
CCP-TP-182	Rev. 1	01/26/09	CCP Determination of Metals by ICP-AES for TRU Waste Characterization
CCP-TP-183	Rev. 0	05/02/07	CCP Microwave Assisted Digestion of Homogeneous Solids and Soil/Gravel
CCP-TP-184	Rev. 0	05/02/07	CCP Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry
CCP-TP-185	Rev. 1	11/18/08	CCP Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry
CCP-TP-186	Rev. 1	08/22/07	CCP Determination of Nonhalogenated Volatile Organic Compunds by Gas Chromatography
CCP-TP-187	Rev. 1	11/18/08	CCP Sample Preparation for Semivolatile Organic Compounds
CCP-TP-188	Rev. 2	12/29/10	CCP Analytical Data Recording, Review, and Reporting

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 20	09/27/12	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/10	CCP Project Level Data Validation and Verification
CCP-TP-002	Rev. 25	02/11/13	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 24	12/28/11	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-003	Rev. 19	11/02/12	CCP Data Analysis for S3000, S4000, and S5000 Characterization
CCP-TP-003	Rev. 18	12/29/10	CCP Data Analysis for S3000, S4000, and S5000 Characterization
CCP-TP-005	Rev. 24	11/28/11	CCP Acceptable Knowledge Documentation
CCP-TP-030	Rev. 31	11/19/12	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 30	05/21/12	CCP CH TRU Waste Certification and WWIS/WDS Data Entry

WAP Certification:

CCP-PO-001	Rev. 21	05/31/13	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 20	06/16/11	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-002	Rev. 27	05/31/13	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/11	CCP Transuranic Waste Certification Plan
CCP-PO-012	Rev. 12	11/05/12	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/12	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/12	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/12	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/10	CCP/Los Alamos National Laboratory (LANL) Interface Document

CIS002

CCP-TP-002 Rev. 25
Effective Date: 2/11/2013
CCP Reporting of DQO's and
Reporting Characterization Data

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MSG04.001 Lot # 1

Container ID Number	NDA BDR	RTR BDR	VE BDR	Solids Sampling BDR	Solids Analytical BDRs	Load Management/ Overpack Yes
LA00000089891	2LANDA0878	LA-RTR2-11-0116	NA	SSG12-00006	ALD12028M ALD12028N ALD12028S ALD12028V	
LA00000089892	2LANDA0878	LA-RTR2-11-0116	NA	SSG12-00006	ALD12028M ALD12028N ALD12028S ALD12028V	
LA00000089983	1LANDA1470	LA-RTR2-11-0116	NA	SSG12-00006	ALD12028M ALD12028N ALD12028S ALD12028V	
LA00000089984	1LANDA1470	LA-RTR2-11-0116	NA	SSG12-00006	ALD12028M ALD12028N ALD12028S ALD12028V	
LA00000089987	1LANDA1470	LA-RTR2-11-0116	NA	SSG12-00006	ALD12028M ALD12028N ALD12028S ALD12028V	

Signature of Site Project Manager

Richard Kantrowitz
Printed Name

6/4/2013
Date

CIS003

CCP-TP-003 Rev 19
Effective Date: 11/02/12
CCP Data Analysis for S3000, S4000, and S5000 Characterization

CCP Solids Analysis VOC UCL_{90} Evaluation Form

WSPF #: LA-MSG04.001 **Solids Sampling Lot Number(s)** 1 through 1

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples	Maximum (mg/kg)	Mean (mg/kg)	SD (mg/kg)	UCL90 (mg/kg)	PRQL	Transformed PRQL (mg/kg)	UCL_{90} > PRQL Yes	EPA Code
Benzene	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Bromoform	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Carbon disulfide	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Carbon tetrachloride	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Chlorobenzene	No	0	5	0.09	0.09	0.00	0.09	10.00	N/A		
Chloroform	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
1,1-Dichloroethylene	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
1,2-Dichloroethane	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Ethyl benzene	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Methylene chloride	No	0	5	0.27	0.26	0.01	0.27	10.00	N/A		
m-Xylene, p-Xylene[a]	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
o-Xylene	No	0	5	0.09	0.09	0.00	0.09	10.00	N/A		
1,1,2,2-Tetrachloroethane	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Tetrachloroethylene	No	0	5	0.09	0.09	0.00	0.09	10.00	N/A		
Toluene	No	0	5	0.09	0.09	0.00	0.09	10.00	N/A		
trans-1,2-Dichloroethylene	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
1,1,1-Trichloroethane	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Trichloroethylene	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
1,1,2-Trichloro-1,2,2-trifluoroethane	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
1,1,2-Trichloroethane	No	0	5	0.18	0.18	0.01	0.18	10.00	N/A		
Trichlorofluoromethane	No	0	5	0.27	0.26	0.01	0.27	10.00	N/A		
Vinyl chloride	No	0	5	0.18	0.18	0.01	0.18	4.00	N/A		
Acetone	Log	0	5	3.83	1.34	1.39	2.30	100.00	4.61		
Butanol	Log	0	5	3.83	1.34	1.39	2.30	100.00	4.61		
Methanol	Log	0	5	3.54	1.06	1.39	2.01	100.00	4.61		
Methyl ethyl ketone	Log	0	5	3.83	1.34	1.39	2.30	100.00	4.61		
Ethyl ether	Log	0	5	3.83	1.34	1.39	2.30	100.00	4.61		
Isobutanol	Log	0	5	3.83	1.34	1.39	2.30	100.00	4.61		
Pyridine	Log	0	5	3.83	1.34	1.39	2.30	100.00	4.61		
Formaldehyde[b]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrazine[c]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene[d]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene[d]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[a] These xylene isomers cannot be resolved by the analytical methods employed in the program. m-Xylene and p-Xylene will be reported as "Total m-p-Xylene."
[b] Required only for homogenous solids and soil/gravel waste from the Savannah River Site.
[c] Required only for homogenous solids and soil/gravel waste from Oak Ridge National Laboratory and Savannah River Site.
[d] Can also be analyzed as a SVOC. If analyzed as a SVOC, the QAO's of CCP-PO-001, Table C3-6 apply.

Comments:
(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per section C4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)

Signature of Site Project Manager

Richard Kantrowitz
Printed Name

6/4/2013
Date

CIS 004

CCP-TP-003 Rev 19
Effective Date: 11/02/12
CCP Data Analysis for S3000, S4000, and S5000 Characterization

CCP Solids Analysis SVOC UCL_{90} Evaluation Form

WSPF #: LA-MSG04.001 **Solids Sampling Lot Number(s)** 1 through 1

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples	Maximum (mg/kg)	Mean (mg/kg)	SD (mg/kg)	UCL90 (mg/kg)	PRQL (mg/kg)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
1,2-Dichlorobenzene [a]	No	0	5	0.20	0.20	0.00	0.20	40	N/A		
1,4-Dichlorobenzene [a]	No	0	5	0.20	0.20	0.00	0.20	40	N/A		
2,4-Dinitrophenol	No	0	5	0.10	0.10	0.00	0.10	40	N/A		
2,4-Dinitrotoluene	No	0	5	0.10	0.10	0.00	0.10	2.6	N/A		
Hexachlorobenzene	No	0	5	0.10	0.10	0.00	0.10	2.6	N/A		
Hexachloroethane	No	0	5	0.20	0.20	0.00	0.20	40	N/A		
2-Methylphenol (cresols)	No	0	5	0.10	0.10	0.00	0.10	40	N/A		
3&4 -Methylphenol (cresols)	No	0	5	0.10	0.10	0.00	0.10	40	N/A		
Nitrobenzene	No	0	5	0.20	0.20	0.00	0.20	40	N/A		
Pentachlorophenol	No	0	5	0.10	0.10	0.00	0.10	40	N/A		
Pyridine[a]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[a] Can also be analyzed as a VOC. If analyzed as a VOC, the QAO's of CCP-PO-001, Table C3-4 apply.

CISO05

Comments:

(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per C4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)

Signature of Site Project Manager

Richard Kantrowitz
Printed Name

6/4/2013
Date

CCP-TP-003 Rev 19
Effective Date: 11/02/12
CCP Data Analysis for S3000, S4000, and S5000 Characterization

CCP Solids Analysis Metals UCL_{90} Evaluation Form

WSPF #: LA-MSG04.001 **Solids Sampling Lot Number(s)** 1 through 1

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples	Maximum (mg/kg)	Mean (mg/kg)	SD (mg/kg)	UCL90 (mg/kg)	PRQL (mg/kg)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
Antimony	Log	2	5	0.99	-0.73	1.04	-0.02	100	4.61		
Arsenic	Log	5	5	1.87	0.88	0.61	1.30	100	4.61		
Barium	Log	5	5	7.09	4.70	1.35	5.63	2000	7.60		
Beryllium	Log	5	5	-1.47	-1.81	0.29	-1.61	100	4.61		
Cadmium	Log	1	5	0.10	-2.38	1.38	-1.43	20	3.00		
Chromium	Log	5	5	4.87	3.43	0.81	3.99	100	4.61		
Lead	Log	5	5	7.60	5.07	1.66	6.21	100	4.61	Yes	D008
Mercury	Log	5	5	0.88	-2.16	1.80	-0.92	4	1.39		
Nickel	Log	5	5	4.37	2.80	0.88	3.41	100	4.61		
Selenium	No	2	5	1.30	0.76	0.37	1.01	20	N/A		
Silver	Log	1	5	-1.31	-2.66	0.76	-2.14	100	4.61		
Thallium	No	1	5	2.40	0.72	0.94	1.36	100	N/A		
Vanadium	SQRT	5	5	6.00	5.39	0.50	5.73	100	10.00		
Zinc	Log	5	5	6.76	4.44	1.31	5.34	100	4.61	Yes	(2)

CH006

Comments:

(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per section C4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)

(2) Zinc is not listed under 40 CFR 261.24 or as a toxicity characteristic compound per 40 CFR 261.20.

Signature of Site Project Manager

Richard Kantrowitz
Printed Name

6/4/2013
Date

CCP-TP-002 Rev. 25
Effective Date: 02/11/2013
CCP Reporting of DQO's and
Reporting Characterization Data

CCP Solid VOCs Summary Data

Waste Stream Number LA-MSG04.001 Solids Sampling Lot Number(s) 1 through 1

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (ppmv)	# Samples Containing TIC	% Detected
None	N/A	N/A	N/A

Data Supports EPA Hazardous Waste Numbers Assigned by AK? Yes ☑ No ☐

If no, describe the basis for assigning the EPA Hazardous Waste Codes:

SPM Signature _____ Date 6/4/2013

CIS007

CCP-TP-002 Rev. 25
Effective Date: 02/11/2013
CCP Reporting of DQO's and
Reporting Characterization Data

CCP Solid SVOCs Summary Data

Waste Stream Number LA-MSG04.001 Solids Sampling Lot Number(s) 1 through 1

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (mg/kg)	# Samples Containing TIC	% Detected
Tetrachlorobiphenyl	0.61	1	20.00%
Fluoranthene	0.84	1	20.00%
Pentachlorobiphenyl	1.52	1	20.00%
Benzo[b]fluoranthene	0.69	1	20.00%

Data Supports EPA Hazardous Waste Numbers Assigned by AK? Yes ☑ No ☐

If no, describe the basis for assigning the EPA Hazardous Waste Codes: N/A

SPM Signature _____ Date 6/4/2013

CRS008

CCP-TP-002 Rev. 25
Effective Date: 02/11/2013
CCP Reporting of DQO's and
Reporting Characterization Data

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MSG04.001 Lot #: 1

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.

a. See Batch Data Reports
b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).

Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.

Site Project Manager Signature | Richard Kantrowitz (Printed Name) | 6/4/2013 (Date)

CIS009

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MSG04.001 Lot # 1

Sampling Completeness

RTR:
Number of Valid Samples: 5 Number of Total Samples Analyzed: 5
Percent Complete: 100 (QAO is 100%)

NDA
Number of Valid Samples: 5 Number of Total Samples Analyzed: 5
Percent Complete: 100 (QAO is 100%)

HSG
Number of Valid Samples: NA Number of Total Samples Collected: NA
Percent Complete: NA (QAO is ≥90%)
Number of Valid Samples: NA Number of Total Samples Analyzed: NA
Percent Complete: NA (QAO is ≥90%)

Total VOC
Number of Valid Samples: 5 Number of Total Samples Collected: 5
Percent Complete: 100 (QAO is ≥90%)
Number of Valid Samples: 5 Number of Total Samples Analyzed: 5
Percent Complete: 100 (QAO is ≥90%)

Total SVOC
Number of Valid Samples: 5 Number of Total Samples Collected: 5
Percent Complete: 100 (QAO is ≥90%)
Number of Valid Samples: 5 Number of Total Samples Analyzed: 5
Percent Complete: 100 (QAO is ≥90%)

Total Metals
Number of Valid Samples: 5 Number of Total Samples Collected: 5
Percent Complete: 100 (QAO is ≥90%)
Number of Valid Samples: 5 Number of Total Samples Analyzed: 5
Percent Complete: 100 (QAO is ≥90%)

CI5010

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MSG04.001 Lot # 1

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The waste matrix code identified is consistent with the type of sampling and analysis used to characterize the waste.
4	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
5	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
6	NA	Mean concentrations, UCL_{90} values for the mean concentration, standard deviations, and the number of samples collected for each VOC in the HSG of each container were calculated and compared with the program required quantitation limits, as reported in CCP-TP-003 Attachment 3, and additional U.S. Environmental Protection Agency (EPA) Hazardous Waste Numbers were assigned as required. Samples were randomly collected (when appropriate).
7a	Y	Mean concentrations, UCL_{90} values for the mean concentration, standard deviations, and the number of samples collected for solids VOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003 Attachment 4, and additional EPA HWNs were assigned as required. Samples were randomly collected.
7b	Y	Mean concentrations, (UCL_{90}) values for the mean concentration, standard deviations, and the number of samples collected for solids SVOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003 Attachment 5, and additional EPA HWNs were assigned as required. Samples were randomly collected.
7c	Y	Mean concentrations, (UCL_{90}) values for the mean concentration, standard deviations, and the number of samples collected for total metals were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003 Attachment 6, and additional EPA HWNs were assigned as required. Samples were randomly collected.

CIS011

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MSG04.001 Lot # 1

8	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
9	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
10	Y	Waste stream can be classified as hazardous or nonhazardous at the 90-percent confidence level.
11	NA	Appropriate packaging configuration and Drum Age Criteria (DAC) is applied and documented in the headspace gas sampling documentation, and the drum age met prior to sampling.
12	Y	TICs were appropriately identified and reported in accordance with the requirements of Section C3-1 of the QAPjP.
13	NA	The PRQLs for headspace gas VOCs were met for all analyses as evidenced by the analytical batch data reports.
14		The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-2 through C3-9 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	NA	NA	NA
Headspace Gas Analysis	NA	NA	NA
Solids Sampling	Y	Y	Y
Solids VOCs	Y	Y	Y
Solids SVOCs	Y	Y	Y
Solids Metals	Y	Y	Y

Comments:
None.

Signature of Site Project Manager | Richard Kantrowitz | 6/4/2013
Printed Name | Date

CI5012

SUMMATION OF ASPECTS OF AK SUMMARY REPORT: LA-MSG04.001

Overview

Waste stream LA-MSG04.001 is contact-handled (CH) mixed contaminated soil waste generated at the Technical Area (TA)-21, Delta Prime (DP) West Facility at Los Alamos National Laboratory (LANL). The TA-21 DP West Facility was established in 1945 as LANL's main plutonium facility. DP West provided the capability to: produce metal and alloys of plutonium and other transuranic (TRU) elements from nitrate solution feedstock, fabricate these metals and alloys into precision shapes for defense applications, measure the chemical and physical properties of plutonium metals and alloys, and recover and recycle plutonium scrap or materials used in experiments. Starting in 1978, the DP West plutonium operations were transferred to the newly constructed TA-55 Plutonium Facility, and the DP West Plutonium Facility underwent an extensive decontamination effort. The soil waste included in waste stream LA-MSG04.001 was generated during Decontamination and Decommissioning (D&D) and associated operations (e.g., sampling operations) at the TA-21 DP West Facility.

Waste stream LA-MSG04.001 was contaminated with or generated by the following defense related activities: defense nuclear waste and materials by-products management, defense research and development (R&D), and defense nuclear material production activities. Therefore, this waste stream is defense related waste.

This Summation of the AK Summary Report includes information to support Waste Stream Profile Form (WSPF) number LA-MSG04.001 for mixed contaminated soil waste. The primary source of information for this Summation is CCP-AK-LANL-010, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-21 DP West Facility: Waste Streams LA-MHD04.001, LA-MSG04.001*, Rev. 6, February 14, 2013.

Waste Stream Identification Summary

Waste Stream Name:	Contaminated Soil from TA-21
Waste Stream Number:	LA-MSG04.001
Dates of Waste Generation:	February 1978 to September 2011
Waste Stream Volume – Current:	48 55-gallon drums and 40 standard waste boxes (SWBs)[1]
Waste Stream Volume – Projected:	None
Summary Category Group:	S4000 – Soils/Gravel
Waste Matrix Code Group:	Soils
Waste Matrix Code:	S4200
TRUCON Content Numbers:	LA211, SQ211

1. This includes 15 crates (38.4 m^3) that are expected to be repackaged into SWBs. These crates represent 21 of the 40 SWBs.

Annual Transuranic Waste Inventory
Report Identification Number: LA-MSG04.001

Waste Stream Description and Physical Form

Waste stream LA-MSG04.001 is comprised of dirt or soil, dust, sand, silt, rock, and gravel contaminated with TRU material. Available AK indicates the contaminated soil primarily originated from spills and/or the removal of acid wells and lines, tunnels below buildings, material disposal areas (MDAs), tank systems, and various locations immediately surrounding the DP West buildings. Acid wells and lines were part of the liquid waste treatment process. Liquid wastes that had plutonium concentrations less than the discard limit (DL), but that did not meet the waste acceptance criteria for the TA-50 Radioactive Liquid Waste Treatment Facility, were sent to the liquid waste treatment process. Contaminated soil from tunnels below DP West buildings typically originated from the cleanup of nonstandard events. However, some of the containers in this waste stream do not identify specific waste generating locations. Contaminated soil also originated from the investigation, excavation, and remediation of MDAs and tank systems. This waste could have been generated in any DP West building or surrounding area. Consequently, this soil could be contaminated with any of the materials and chemicals from the operations described in Generating Processes section. The waste stream may also include a small fraction of absorbent material used to absorb residual liquid such as vermiculite. Debris waste (mainly plastic packaging, blacktop, concrete, insulation, and piping) and secondary waste from repackaging and below-grade retrieval operations may also be present.

Waste stream LA-MSG04.001 meets the WIPP-WAP waste stream definition. The waste stream consists of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. This waste stream was generated during the removal of contaminated soil during D&D and associated operations (e.g., sampling operations) at the TA-21 DP West Facility.

Point of Generation

Location

Waste stream LA-MSG04.001 was generated at LANL in Los Alamos, New Mexico. The waste is stored at the TA-54 Material Disposal Area G (Area G).

Area and/or Buildings of Generation

Waste stream LA-MSG04.001 was generated in the TA-21 DP West Facility.

Generating Processes

Description of Waste Generating Processes

Waste generated in TA-21 originated from materials used to produce metal and alloys of plutonium and other TRU elements from nitrate solution feedstock; fabricate the metals and alloys into precision shapes; measure the chemical and physical properties of plutonium metal and alloys; recover and recycle plutonium; and research and recover americium. Waste was also generated during D&D, waste repackaging, and retrieval operations. The operations are described in detail below and include:

- Plutonium recovery operations
- Pyrochemical operations
- Metal operations
- Pu-239 fuels programs
- Americium processing operations
- Pu-238 processing
- Miscellaneous and special processing
- D&D operations
- Waste repackaging and prohibited item disposition
- Below-grade retrieval project

Plutonium Recovery Operations

Manufacturing and research operations performed at DP West in the production of plutonium products generated plutonium-contaminated scrap and residues. These residues were processed to recover as much plutonium as was practical. The DP West Facility had extensive capabilities for the extraction and recovery of plutonium from residues and scraps generated from operations at various LANL facilities and other DOE sites. These recovery and manufacturing operations, associated maintenance operations, and plutonium research were the major sources of TRU waste generated at DP West (References D002 and D042).

The overall goal of the plutonium recovery operations was to recover plutonium from metal, metal alloys, scrap, and residues and produce a purified plutonium nitrate solution that was compatible with the operations used in the preparation of plutonium metal. The DP West plutonium recovery operations can be subdivided into pretreatment, dissolution, and purification operations. Each of these process categories is listed below (References D039 and D042).

Pretreatment

Pretreatment primarily included physical methods used to prepare scrap and residues for the next step, dissolution. Pretreatment may have included any or all of the following operations: thermal conversion to oxide, calcination, caustic leaching, chemical separation by hydroxide or oxalate precipitation, size reduction, grinding, shredding, distillation, filtering of liquids or oils, and incineration. As materials were received from various operations within DP West, they were sorted and sent to other pretreatment operations or directly to dissolution, depending on the physical nature of the scrap or residue and on the amount and type of plutonium associated with the material (References D002, D011, D042, D053, D056, and D059).

In overview, particulate solids from the pretreatment step were sent to dissolution if plutonium concentrations were above the DL and to disposal if concentrations were below the DL. Liquids were sent to purification if plutonium concentrations were above the DL or to the Building 257 wastewater treatment facility if concentrations were below the DL (Reference D059).

Pretreatment of Noncombustible Residues

Thermal pretreatment operations were frequently used to prepare plutonium-bearing materials for dissolution. Due to the pyrophoric nature of plutonium metal and certain alloys, procedures were developed for converting the metal and its alloys to the oxide, which could then be safely handled in any atmosphere. Finely divided plutonium metal, anode heels from electrorefining (ER) operations, oxides that may contain unoxidized plutonium metal, carbides, and nitrides that can be very reactive in an oxidizing acid were burned in a furnace under a controlled

atmosphere to passivate the material and moderate its reactivity. Usually the ignition was performed in magnesium oxide (MgO) or aluminum oxide crucibles. If the ignition temperature did not exceed 600 °C, the resulting oxide could be readily dissolved by refluxing with nitric and hydrofluoric acid solutions (References D043 and D059).

A caustic (hydroxide) leach process was used to pretreat residues high in chlorides. Chlorides were removed using sodium hydroxide and the treated residues were then dissolved in nitric and hydrofluoric acid. In this case, the caustic solution would be sent to liquid waste disposal at Building 257, and the filtered solids would continue through the dissolution process (Reference D059).

Plutonium oxalate cakes from the oxalate precipitation process underwent calcination by heating in air in a furnace to form pure plutonium oxide. The oxide became feed for the oxide reduction process (References D043 and D059).

Pretreatment of Combustible Residues

Development work was started in 1951 on the design of an incinerator for TA-21 combustible residues, including paper, rags, wood, emery paper, rubber gloves, graphite, and plastics. The incinerator was first used in 1952 for contaminated rags. The procedure for the operation of the incinerator allowed 12 liters of dry rags to be processed in about two hours, yielding 100 to 150 ml of ashes. The incinerator off-gas scrub and the vacuum seal solutions were filtered after every three to five runs and analyzed for plutonium content to determine if the solutions should be recycled or discarded (References D002, D043, and D059).

Several problems were encountered in the incineration operation. Certain rubber and plastic items burned incompletely and led to the buildup of combustible tar on the exhaust lines and filters. Incineration of polyvinyl chloride bags led to increased corrosion due to the release of chloride, which formed hydrochloric acid whenever it came in contact with water. Consequently, the incineration of plastic and rubber items was severely restricted to only those pieces that monitoring indicated still contained appreciable quantities of plutonium after leaching with nitric acid (References D002, D043, and D059).

The incineration of rags that had been in contact with nitric acid and then allowed to stand was also problematic. The rags would become nitrated, and small nitrocellulose explosions would result when these were burned. The problem was mitigated by requiring that all cotton rags be rinsed with water immediately after being in contact with nitric acid (References D042 and D059).

The ashes were collected after each run and reduced in a ball mill to less than 20-mesh particles. The ashes were sampled for plutonium content, and subjected to an acid leach or processed in a dissolver if the plutonium content was greater than the DL. The resulting nitrate solution was purified by anion-exchange (Reference D059).

Pretreatment of Oils

Plutonium-contaminated lubricating, machining, lapping, and cutting oils were transferred to Building 2 for recovery in glass jars. The oils were directly filtered through a sintered glass frit to remove plutonium metal or oxide particles. Trichloroethylene was used to reduce the viscosity of oils during the filtration step. The liquid portion was sent to Building 257 for treatment (References D042 and D059).

Dissolution

Dissolution was comprised of numerous operations that generated a plutonium-nitrate solution for subsequent feed to a purification process. Numerous dissolution procedures were developed during the early years of LANL. By the 1960s, these had been narrowed to only a few for production purposes. The primary mode of dissolution involved nitric acid, hydrofluoric acid leach solutions, with the addition of other chemicals for particular dissolution operations. The plutonium-bearing nitric and hydrofluoric acid solutions resulting from dissolutions proved to be excellent feed stocks for follow-up processing operations. In overview, filtered solids from the dissolution step were re-leached until plutonium concentrations were below the DL, then sent to disposal; debris items were disposed of after the plutonium contamination was removed from the surface by leaching; plutonium-bearing solutions were sent on to purification or to the metal preparation line (References D042 and D059).

Several dissolution operations involved the use of cascading dissolvers or dissolution pots. The choice of dissolution equipment was based on the concentration of plutonium present in the feed material and the physical form of the feed material. The equipment for the batch extraction system consisted of large-diameter equilibration tanks equipped with stirrers for equilibration and settling. Feed materials included ash, glovebox sweepings, ground slag or crucibles, hydroxides, metal, oxides, residues, salts, and sand. Metal dissolvers were used for the dissolution of plutonium metal by nitric and hydrofluoric acid using vessels made by adding a ground glass ball joint to a standard 5-liter round bottom flask. Hydrochloric acid solutions, chloride residues, and organics not compatible with nitric acid were often sent to the caustic dissolver. After dissolution, the solutions were filtered and then sent to purification. The filtered solids were sent to other dissolution operations if plutonium concentrations were above the DL, or disposed as debris waste if concentrations were below the DL (References D033, D043, and D059).

Surface Decontamination

Plutonium on the surface of metal and non-combustible debris waste items was recovered by leaching or dipping the waste item into a nitric acid leach solution. Items such as tantalum molds and crucibles, sintered glass frits, stainless-steel filters, and aluminum oxide crucibles were generally cleaned of plutonium by refluxing with nitric and hydrofluoric acid solutions. The acid solution was filtered, and the items were rinsed with water or dilute nitric acid. Rubber gloves were wiped with a cloth soaked in a nitric acid solution to recover surface contamination of plutonium. The cloths were dunked in water a few times and wrung out; the solutions from the cloths were collected and filtered. The solids were recycled through the dissolution process if plutonium concentrations were above the DL, or disposed as waste if concentrations were below the DL. The plutonium-bearing solutions were sent to purification. The cloths were reused if they were not falling apart; otherwise, they were discarded as solid waste or sent to incineration, depending on the nuclear material content. Plutonium-bearing solutions were sent to purification, while the leached items below the DL were discarded (References D042 and D059).

Pickling

Pickling, leaching with a strong acid (either nitric acid or hydrochloric acid), was typically a head-end operation for treatment of noncombustible items. Hydrochloric acid pickling solutions underwent nitric acid acidification. The plutonium-bearing nitrate pickling solution was then transferred to anion-exchange (References D042 and D059).

Plutonium Metal and Alloys

Many plutonium-bearing materials were dissolved in a standard leach solution of nitric and hydrofluoric acid after appropriate pretreatment or preparation. These materials included alloys, anodes, carbides, casting skulls, ER residues, and metals. After dissolution and filtration, solids were discarded if below the DL or recycled if above the DL, while solutions were sent to purification. These solutions could be expected to contain dissolved heavy metals (e.g., lead, cadmium, mercury, or chromium) that may be concentrated in the purification steps (References D042 and D059).

Dissolution methods for plutonium alloys of chromium, copper, gallium, hafnium, indium, iron, manganese, thorium, titanium, uranium, and zirconium were developed at DP West. The alloying element(s) determined the purification method that followed dissolution. Anion-exchange in nitrate media followed most dissolutions because of the high selectivity for (the sorption of) nitrate complexes of tetravalent actinides (References D042 and D059).

Plutonium-aluminum alloys containing greater than ten percent aluminum were dissolved with nitric acid using mercuric nitrate as a catalyst. In subsequent nitrate anion-exchange, the mercuric nitrate was quantitatively removed into column washes where it was then concentrated by hydroxide scavenging. Plutonium-osmium alloys were dissolved using nitric and hydrofluoric acid with helium sparging in order to drive off volatile osmium tetraoxide (References D042 and D059).

Uranium-plutonium oxide mixtures were leached using nitric acid to preferentially dissolve the uranium. Aluminum nitrate was added to the solution to complex any fluoride ion that might be present. The uranium-bearing filtrate was discarded, and the plutonium-bearing solids were sent to dissolution and then to either an anion-exchange process or the oxalate precipitation process for purification (References D042 and D059).

Plutonium oxide

The ease with which plutonium oxide can be dissolved depends on the temperature at which the oxide was formed or to which it was subsequently heated. Oxides that had been heated to less than 600 °C were generally relatively easy to dissolve in a nitric and hydrofluoric acid solution. Oxides heated to temperatures between 600 °C and 1000 °C had refractory properties that required more stringent measures. The dried oxide residue was mixed with a potassium pyrosulfate and sodium fluoride flux, which was then heated to 550 °C. The cooled melt was removed from the fusion vessel, and heated with a nitric acid and aluminum nitrate solution. The solution was filtered and sent to the appropriate purification step, depending on what types of cations were present (References D042 and D059).

Graphite

Graphite melt and mold crucibles that had been coated with calcium fluoride to reduce plutonium penetration contained only surface contamination and could be directly leached with nitric and hydrofluoric acid solution. Graphite used for filtering aqueous solutions and uncoated melt and mold crucibles were incinerated, and the ashes were subsequently leached with nitric and hydrofluoric acid solution (References D042 and D059).

Silica Solids

Silica entered the process stream from dissolution of magnesium oxide crucibles in which silicon oxide was used a binder, and due to leaching of silica from glass equipment. Acid-leached silica residues were dried and treated in hydrofluorination furnaces. Gaseous hydrogen fluoride was introduced into the reaction chamber and reacted with the silicon dioxide to form the volatile silicon tetrafluoride gas. The gaseous reaction products were swept out of the chamber through a caustic scrubber. The reaction residues were leached with a nitric acid and aluminum nitrate solution. All leach and scrub solutions that contained more than one mg/L of plutonium were transferred to the anion-exchange system. The leached residues were treated, as described, for acid insoluble residues (References D042 and D059).

Acid Insoluble Residues

Acid insoluble residues include refractory oxides and residues for which leaching was uneconomical or infeasible. Examples include incinerator ashes, aluminum oxide tubes and crucibles, and carborundum solids. These residues were treated by fusion with a mixture of potassium pyrosulfate and sodium fluoride in Hastelloy "C" fusion crucibles. The resulting melt was dissolved in a nitric acid and aluminum nitrate solution; the fluoride anion was tightly complexed by the added aluminum. The filtrate was purified by anion-exchange (References D042 and D059).

Incinerator Ashes

Incinerator ashes from burning of combustible residues were processed on a batch basis. The procedure consisted of a dilute nitric acid leach to remove the more soluble residues, a water leach to remove the nitric acid, hydrofluorination to remove the silica solids, and, finally, a fusion with potassium pyrosulfate and sodium fluoride to remove the remaining plutonium (References D042 and D059).

Electrorefining Chloride Melts

Due to their high chloride content, ER chloride melts required special handling to prevent corrosion of the stainless-steel equipment. The preferred method of dissolution was to leach the chloride melt with sodium hydroxide, thus dissolving the chloride salts of sodium, potassium, and lithium, and precipitating the plutonium as the hydroxide. The filtrate, if less than 1 mg/L in plutonium, can be discarded, thus disposing of the corrosive chloride ion (References D042 and D059).

Reduction and Casting Residues

Bomb reduction residues from plutonium metal preparation consist of the MgO packing sand, the reduction slag, and the MgO crucible serving as the liner for the reduction bomb. The residues were treated in geometrically favorable dissolvers. Slag and crucible material to be dissolved was loaded into a screened bucket and lowered to the bottom of the dissolver. Nitric acid and aluminum nitrate solution was added to dissolve the MgO sand, and then air was sparged through the solution to aid in the oxidation of iodide to free iodine (iodine was added as a booster in the bomb reduction procedure). The free iodine was carried through sodium hydroxide scrubbers. Further addition of nitric acid and heating was required to dissolve the MgO crucible material. The solution was filtered and sent to nitrate anion-exchange. The

leached residues were transferred to the hydrofluorination system for removal of silica (References D042 and D059).

Casting residues were treated in the same manner as the reduction residues, using a modified procedure because no iodine was present in these residues. The MgO-2 percent silicon dioxide casting crucibles do not contain fluoride; therefore, the addition of aluminum nitrate was not required (References D042 and D059).

Purification

Plutonium-bearing solutions generated in the dissolution step were sent to purification for plutonium recovery. Purification consisted of both ion-exchange and precipitation. After ion-exchange and/or dissolution of precipitates in nitric acid, plutonium-bearing nitrate solutions were sent to the metal fabrication line (References D042 and D059).

Plutonium Hydroxide Precipitation

The hydroxide precipitation process took plutonium in filtrate solutions from the purification steps and precipitated it with potassium or sodium hydroxide. The resulting plutonium-enriched hydroxide cakes became feed material for other operations or were returned to the dissolution step for re-processing. Heavy metals were known to concentrate in the plutonium-rich hydroxide cakes (Reference D042).

Plutonium Peroxide Precipitation

A peroxide precipitation process was used to achieve excellent separation of plutonium from the cationic impurities aluminum, bismuth, calcium, cesium, chromium, cobalt, iron, lanthanum, and magnesium, as well as americium. Peroxide was added to the dissolution filtrate feed material to convert the plutonium to valence state (+4). The resulting peroxide filter cake was dissolved in nitric acid and the solution was sent to the metal preparation line for conversion to metal (References D042 and D059).

The filtrate solution from the peroxide precipitation had to be treated immediately after filtration to destroy the excess peroxide (the "peroxide kill" process). The preferred method was to slowly add the filtrate to sodium hydroxide. The resulting solution was cooled and then acidified with nitric acid to completely dissolve the hydroxides and provide a clear solution for the anion-exchange process (References D042 and D059).

Plutonium Oxalate Precipitation

The precipitation of plutonium (+3)-oxalate has been an important step in the processing of plutonium since the earliest days of LANL. Oxalate precipitation is a quick, effective concentration step that also provides excellent decontamination from unwanted anions and from metals that form soluble oxalate complexes. The oxalate precipitation process was used to achieve separation of plutonium from iron, aluminum, uranium, or other cations that form soluble oxalates. The precipitation of the trivalent oxalate was also used as the concentration step of the nitrate anion-exchange columns. The plutonium valence state was adjusted to (+3), if necessary, and oxalic acid was added to precipitate the plutonium oxalate. The resulting oxalate was calcined to the oxide, and the oxide was dissolved in nitric and hydrofluoric acid to produce a plutonium nitrate product that was acceptable in the metal preparation line (References D042 and D059).

Anion-Exchange

After 1959, the plutonium recovery operations at LANL employed nitrate anion-exchange columns as the primary mode of scavenging, purifying, and concentrating plutonium. The general procedure for any residue was to: (a) get the plutonium into solution, (b) sorb the plutonium on nitrate anion-exchange resin, (c) elute the plutonium, and then (d) determine which, if any, additional operations should be used to remove remaining impurities. The eluate was concentrated by precipitation of the trivalent plutonium oxalate, if necessary. The purified plutonium nitrate solution was then sent to the metal preparation line (References D042 and D059).

The nitrate anion-exchange operations used resin-filled columns to sorb plutonium. The pH of incoming solutions was adjusted with nitric acid and the plutonium was stabilized by changing the plutonium valence state to (+4) using hydrogen peroxide. Other chemicals used to adjust acidity or to "condition" incoming solutions to address the presence of fluoride, silica, metal impurities, or plutonium (+6) included: aluminum nitrate, ferrous ammonium sulfate, hydrogen peroxide, sodium hydroxide, sodium nitrite, sulfuric acid, and urea (References D042 and D059).

Plutonium (+4) binds to the resin while impurities, such as americium, uranium, and other metals, flow through the column. The column was washed with 7 molar nitric acid to remove non-sorbed species. The plutonium remained on the resin in the (+4) valence state until the eluting agent, 0.3 molar hydroxylamine nitrate, was flowed through the columns. This released purified plutonium in solution for further processing (i.e., precipitation and oxidation). Ion-exchange resins were reconditioned using nitric acid (References D042 and D059).

After ion-exchange, plutonium-bearing solutions were sent on to a precipitation process to convert the plutonium solution to plutonium oxalate. This process involved the addition of oxalic acid to form plutonium oxalate precipitate. The resulting oxalate was calcined to the oxide, and the oxide was dissolved in nitric and hydrofluoric acid to produce a plutonium nitrate product that was acceptable in the metal preparation line (References D042 and D059).

Plutonium/Thorium Separation

Plutonium/thorium oxides were dissolved in a nitric and hydrofluoric acid solution to which sodium chromate and lanthanum nitrate were added. Thorium was removed from the solution by addition of potassium fluoride or hydrogen fluoride to form thorium fluoride precipitate. After filtering out this precipitate, the plutonium was reduced to the (+4) valence state and chromium was reduced to the (+3) valence state in solution using peroxide. Continued addition of peroxide and sulfate resulted in the precipitation of plutonium peroxide, which was subsequently dissolved in nitric acid to provide the nitrate feed for the metal preparation line (References D042 and D059).

Evaporator

The use of evaporators was in the development stage at the DP West Facility in the 1970s. The evaporators were put into production when plutonium recovery operations were relocated to TA-55 (References C011 and D059).

Pyrochemical Operations (Metal Production)

Pyrochemical operations at DP West included the metal preparation line (MPL), developmental direct oxide reduction (DOR), and ER. Plutonium nitrate solutions produced by the plutonium recovery operations were processed in the metal production operations. Plutonium peroxide was precipitated from the nitrate solution and converted to plutonium tetrafluoride. The plutonium tetrafluoride was in turn mixed with calcium metal and heated in a metal "bomb." The highly reactive calcium combines with the fluorine in the plutonium tetrafluoride, leaving molten metallic plutonium that forms a disc or button in the bottom of the bomb. After cooling, the plutonium button was sent on to the metal fabrication section (References D042, D043, D054, and D059).

Metal Preparation Line

The MPL produced plutonium metal using the reduction of plutonium tetrafluoride with calcium in a sealed pressure vessel. Plutonium nitrate solutions produced by the plutonium recovery operations were processed in the metal production operations. Plutonium peroxide was precipitated from the nitrate solution and converted to plutonium tetrafluoride. The plutonium tetrafluoride was combined with calcium metal in excess to that needed for the reduction and iodine, which was added as a reaction initiator. The mixture was placed in an MgO crucible that was surrounded by MgO sand, all placed inside a stainless-steel pressure vessel (a "bomb"). An induction heater elevated the temperature of the reactants and vessel until the iodine reacted with some of the calcium. The highly exothermic reaction raised the internal temperature of the bomb to over 1500 °C in just seconds. The remainder of the calcium reduced the plutonium tetrafluoride to form plutonium metal and calcium fluoride, with the reaction temperature reaching as high as 2000 °C as this second reaction proceeded (References C013 and D059).

As cooling commenced, the molten plutonium, with its high density, settled to the bottom of the crucible, displacing the less dense molten calcium fluoride and calcium iodide. As the temperature decreased to 1400 °C, the calcium fluoride and then the calcium iodide solidified. The desired product was plutonium metal, which was recovered as a button by breaking the crucible and mechanically separating the contents. After cooling, the plutonium button was sent on to the metal fabrication section (References C013 and D059).

The waste products were calcium fluoride and calcium iodide, which formed a slag, MgO sand, and MgO crucible pieces. These were discarded if the plutonium content was below the DL. If the plutonium content was above the DL, the slag and crucible pieces were sent to recovery operations. The MgO sand was reused, if possible (References D002 and D059).

Direct Oxide Reduction

In the 1970s at DP West, the development of the single pass DOR process for plutonium oxide was at the experimental stage. Operations for the conversion of 200-gram batches of Pu-238 oxide and Pu-239 oxide to metal were developed in 1975-1976 at DP West (References D025, D027, D059, and M001).

In the DOR process, plutonium oxide and calcium metal were reacted in molten calcium chloride or calcium chloride mixed with calcium fluoride, to produce plutonium metal. The reaction was conducted in an MgO crucible at 820 °C to 875 °C. Any arsenic, mercury, or selenium present in the impure plutonium oxide would be driven off due to their volatility at this high temperature.

The reaction proceeds to completion when excess calcium was present and when sufficient calcium chloride was available to dissolve the calcium oxide product (References D025, D027, D052, and D059).

After cooling, a plutonium metal button was removed by breaking the crucible. A layer of salt above the button contained unreacted oxide and metal shot, which was sometimes recovered by addition of fresh salt plus additional calcium metal. The process was then rerun. If the unreacted oxide and metal shot did not process after the second run, the material was sent to aqueous recovery. The product plutonium metal contains significant impurities, including additional metal impurities derived from the calcium metal and calcium chloride reagents. It must be further purified by ER. The salt was then either routed through aqueous chloride operations to recover the plutonium, or else discarded as waste along with the remaining calcium metal and MgO crucible pieces (References D025, D027, and D059).

The feed oxide, reagent salts, and reductant were of the highest purity available because the process was non-purifying (i.e., the purity of the product depended on the purity of the feed materials). In fact, the plutonium metal produced from this operation was always less pure than the feed material, due to impurities derived from the reductants. Plutonium metal from this process typically requires further processing to meet purity requirements (References D025, D027, and D059).

Electrorefining

The ER process was introduced in 1962 at TA-21. During the period 1964 through 1977, 1,568 kilograms of plutonium metal of >99.95 percent purity was produced in 653 runs by the ER facility at DP West. The ER process took impure plutonium metal and produced high purity plutonium metal. Impure plutonium was cast as an anode, which was then placed in an MgO crucible with a salt mixture, a metal cathode (typically tungsten), and a seeding reagent - usually magnesium chloride or plutonium chloride. After the anode and salt melted, current was applied to the system, and plutonium at the anode was oxidized. The plutonium ions traveled through the molten salt to the cathode, where reduction to the metal state occurred. Impurities in the original plutonium anode that were more easily reduced than plutonium (including cadmium, chromium, lead, and silver) remained in the anode, while impurities more easily oxidized than plutonium (including americium and barium) were left in the molten salt. After cooling, the crucible was broken and the residues were physically separated from the high purity product metal (References D003, D004, D029, D059, P001, and P009).

Metal Operations (Production and Fabrication)

The metal operations at DP West consisted of metal production and metal fabrication, which included casting and machining. Assembly and disassembly operations were also carried out, as well as experimental operations in fabrication, preparation of test specimens, and metal handling. The metal fabrication section operated a foundry and machine shop devoted exclusively to casting and machining plutonium and its alloys. The plutonium parts prepared in the metal fabrication operations were used for many basic research programs at LANL. Throughout the production and fabrication process, metal alloys and components were inspected to ensure predetermined specifications (References D002, D016, D037, and D059).

Alloy Development

This process was for the development of plutonium alloy. Plutonium metal was placed in metal cups onto which the alloying metal was coated on the cup walls. The alloys were melted in the metal cups. The melt was allowed to cool. Observations were made on the success of the alloying process. If the alloy reacted with the cup, it was sent to plutonium recovery. If not, it could be sent back to original process (e.g., casting). Bromobenzene was used for density measurements and Freon TF was used to clean parts (References D037 and D054).

Casting

The casting process received plutonium metal from pyrochemical operations or from other sources, such as the Special Recovery Line (SRL). The metal was combined with other metal from different sources to produce a product metal that meets purity and isotopic specifications. Specification metal was then cast as a pre-alloyed feed aliquot, at which time gallium metal was added, it was analyzed chemically in-line to determine the proper gallium content, and the metal was placed into in-line storage. Metal was pulled from in line storage to cast into shapes (References D009, D043, D054, and D059).

Casting was done by an induction furnace using tantalum crucibles and tantalum puller plugs. Molten plutonium was poured into the graphite mold through a tantalum funnel. Casting was done under vacuum so that the plutonium did not oxidize. The mold was allowed to cool, at which time the cast shape was unmolded and sent to heat treatment to homogenize the plutonium. After heat treatment, the parts underwent density determination using bromobenzene. Bromobenzene is volatile, hence evaporated and was removed by the ventilation system. The cast shape underwent a final heat treatment and density measurement. The finished cast parts were sent to machining, or placed in temporary in line storage (References D009 and D059).

Chemical analysis was performed on parts rejected during inspection. If the rejected parts met the chemical requirements, the parts were added to other metal in the metal blending step. Those parts that did not meet the chemical specifications were cast into ingots, which were then sent for ER (References D009 and D059).

Casting skulls, which were small amounts of plutonium left on the furnace and crucible surfaces, were oxidized to plutonium oxide. The plutonium oxide easily brushed from the metal surfaces with a paintbrush, thus allowing the tantalum crucibles and funnels to be reused many times. In addition, scrap from the cast pre-alloyed feed aliquot and the casting step was roasted to oxide. This plutonium oxide was sent to aqueous recovery (References D009 and D059).

Machining and Metal Working

Machining and metal working involved a variety of operations on cast parts obtained from casting. Machining operations included turning, milling, grinding, and boring. The objective of the machining operations was to bring the parts to their final dimensional specifications (Reference D059).

Chemicals used in the past as coolants during machining include Tap Magic (which contains 1,1,1-trichloroethane) and Freon TF. Tap Magic use was discontinued in 1992, and Freon TF use was discontinued in 1995 because it was an inferior coolant for plutonium due to the nature of machining this metal (References D037 and D059).

Cleaning solvents were used in machining operations. Methyl ethyl ketone and Metalprep 79 (a phosphoric acid-based metal cleaner) were used. Freon TF was used to remove oil from turnings (degreasing) before they were sent to recovery. For final cleaning, trichloroethylene was used (References D037 and D059).

Physical Properties

This process was performed to study the physical properties of alloys and components, including the structural, magnetic, electronic, and metallurgical properties of actinide metals, alloys, and compounds from various operations (References D035 and M001).

Pit Disassembly and Special Recovery Line

Pit disassembly involved the separation and sampling of pit assemblies using milling, turning, and grinding techniques. Pits were received and monitored for tritium. If no tritium was detected or was below a specified activity, the pit was placed in a glovebox and cut in half, and its components were separated and decontaminated of slight tritium contamination. Care was taken not to mix non-special nuclear material metals with the special nuclear material (SNM) metals. The non-SNM metals were discarded as waste. Uranium and plutonium shells were decontaminated of minor surface contamination (References D037, D059, and P007).

Tritium was recovered in the SRL if tritium was above a specified activity. Separation of pit components was done using a special abrasive cut-off wheel. The pit was cut in half, and the shells were cleaned with copper wool and Freon TF. Scrap was sent to recovery or to waste management, depending on whether the material was SNM or not. After the shells were cleaned with the copper wool and Freon TF, they were placed in an ultrasonic bath for cleaning. Tritium-contaminated water was collected and poured over zeolite for disposal (References D037, D059, and P007).

Small-scale decontamination of tritium-contaminated plutonium and other SNM was done in the SRL furnace. The SRL furnace area consisted of different sections, including metal handling, tritium removal furnace, equipment for collecting tritium liberated in the furnace, and effluent treatment system (References D037 and D059).

Welding and Welding Leak Test

The welding operations at DP West were similar to those conducted at TA-55. One metal fabrication process consisted of the preparation and encapsulation of foils of U-233, Np-237, Am-241, and assorted plutonium isotopes for use as neutron detectors. Metal oxide compounds were also used in detectors. The foils were welded or soldered into nickel, stainless-steel, or copper capsules. Containers were leak tested after welding (References D016, D018, and D059).

The welding method at DP West employed a gas tungsten arc welder. Encapsulation of radioactive isotopes involved placing the isotopic material to be sealed into a stainless-steel capsule and welding the capsule closed. The exterior of the capsule was cleaned with Freon TF. The Freon TF was allowed to evaporate; hence no wiping of the capsule surface with rags was required. Other welding operations included welding of plutonium samples on vanadium in an argon atmosphere, brazing gold to repair platinum frits, welding titanium to repair titanium boats, and welding of aluminum (References D037 and D059).

Pu-239 Fuels Programs

The plutonium fuels programs at DP West consisted of two primary operations: Liquid Metal Fast Breeder Reactor (LMFBR) fuel production and the plutonium advanced fuels development. The LMFBR fuel program investigated the suitability of plutonium-containing ceramic materials for use in breeder reactors. The preparation of purified ceramic grade Pu-239 oxide for the Fast Flux Test Facility at Hanford was carried out in DP West, Building 2, in the 1970s. At both DP West and TA-55, U-235/Pu-239 carbide fuel was prepared. In addition, Pu-239/Th-232 carbide driver fuel and U-238 carbide blanket fuel were also fabricated at DP West (References C006, D011, D037, D057, and D059).

The advanced fuels program investigated the fabrication of plutonium ceramic or cermet fuel materials for potential use in power reactors. The principal goals of the advanced fuels program were to prepare pure, well-characterized plutonium fuel materials and to determine their high temperature properties. Pu-239 advanced fuels for the program included fuels of mixed uranium-plutonium carbides and nitrides (References D008, D016, and D059).

Ceramic Grade Plutonium Oxide Production

The production of plutonium oxide Fast Flux Test Facility driver fuel was very similar to the work subsequently conducted at the TA-55 Plutonium Facility. The feed material was aged plutonium metal that had a sizable amount of ingrown americium. The impure plutonium metal was converted to an impure oxide by burning the metal in air. The impure oxide was dissolved in a nitric and hydrofluoric acid solution, and separated from the americium by precipitation of the plutonium as the peroxide. The americium remains in the filtrate, and was subsequently precipitated as the hydroxide by slowly dripping the peroxide filtrate into sodium hydroxide to "kill" the peroxide. The plutonium peroxide precipitate was redissolved in nitric acid and further purification was achieved by precipitation of the oxalate. The oxalate precipitate was calcined to the purified plutonium oxide, which was subsequently screened, blended, and canned for shipment to Hanford (References C006, D011, D057, and D059).

Advanced Fuels Fabrication

Enriched uranium oxide and plutonium oxide feeds were blended and mixed with graphite and stearic acid. Stearic acid was used to keep the material from sticking during milling. The blended oxide was then pressed into briquettes. Small pieces of briquette and powder left after pressing were sent to the vault or to recovery (Reference D059).

The prepared briquettes were then subjected to carbothermic reduction. In this process, the plutonium or uranium oxide were reduced to the carbide form, resulting in the removal of most carbon and nearly all oxygen from the material, and in the decomposition of the stearic acid. The carbide briquettes were then sent for size reduction (Reference D059).

A jaw crusher was used to reduce the size of the carbide briquettes in preparation for pulverizing. The crushed material was mixed with 0.2 weight percent stearic acid and polyethylene glycol. A vibratory mill pulverized the crushed material to 325 mesh. Nickel powder at a concentration of 2000 parts per million was added to the pulverized carbide as a sintering aid (Reference D059).

Advanced Fuels Pellet Preparation and Element Loading

The plutonium and uranium carbide powder was pressed into pellets that were then loaded into molybdenum trays. The trays were placed in a furnace at 450 °C to burn off the stearic acid and polyethylene glycol. Small amounts of MolyKote were used for hand pressing of pellets. The pellets were sintered in an argon-hydrogen atmosphere at 1600 °C. The sintered pellets were inspected to meet specification. Out-of-specification material was ground to specification with either diamond or aluminum oxide grinding wheels. A final inspection was performed on these pellets with a hand micrometer. Those pellets that met final inspection specifications were transferred to TA-35 for loading into the fuel element(s) along with the bonding material (e.g., sodium), and the elements were welded (Reference D059).

Sample pellets were collected for chemical analysis, carbon-nitrogen-oxygen (C-N-O) analysis, and/or determination of the oxygen to metal ratio by the Analytical Chemistry Group at the Chemistry and Metallurgy Research (CMR) Facility. Compatibility testing, immersion density measurements, and metallographic inspection were performed at DP West (Reference D059).

Americium Processing Operations

In addition to plutonium processing, extensive research on americium was carried out at DP Site West starting in the late 1940s. By the 1950s, DP West was the world's center of research on americium. Am-241 research operations were located in Building 3, and Am-241 recovery operations were conducted in Building 2 South. Consequently, americium and plutonium contaminated wastes were commingled (References D008 and D059).

Am-241 was processed at DP West for commercial applications, such as smoke detectors and oil-well logging instrumentation, through the Oak Ridge isotopes sales pool for distribution to industry. Am-241 was separated and subsequently purified from formerly stockpiled material, byproduct feed from the Pu-239 oxide ceramic-grade fuel production line, and from the Hanford Ash material (References D008, D057, and D059).

When solutions with high americium concentrations were "conditioned" with hydrogen peroxide, an americium hydroxide precipitate formed when the solutions were dripped into sodium hydroxide to "kill" the peroxide. Alternatively, the americium-containing hydroxide cakes from the peroxide kill process were re-dissolved in nitric acid, and the solution concentrated through distillation to precipitate a gel of silica. The silica gel was separated by filtration, air dried, and discarded as solid waste. The americium-containing filtrate was sent to purification (Reference D059).

The americium oxide production process received the hydroxide slurry from plutonium oxide production that was filtered and washed with 0.1 molar sodium hydroxide. The filter cake was dissolved in nitric acid, and the nitric acid concentration was adjusted to 7 molar and passed through an anion-exchange column. The plutonium (+4) was retained on the ion-exchange resin and the americium (+3) passed through the column, resulting in a purified americium solution. At the conclusion of the run, the plutonium was eluted off the column by washing the column with 1 molar nitric acid, and the plutonium solution collected separately. The plutonium solution was then sent to one of the plutonium ion-exchange columns for recovery of the plutonium (References D011, D057, and D059).

The seven molar nitric acid solution from the americium purification process was distilled to reduce volume, adjusted to 0.5–1.0 molar acidity, and sent to oxalate precipitation. The high

purity americium oxalate cakes underwent calcination at 800 °C, resulting in a pure americium oxide product. After filtration of the americium oxalate product, the oxalate filtrate was sent to the hydroxide precipitation process (References D011, D057, and D059).

Pu-238 Processing

The Pu-238 processing operations involved the production of Pu-238 based heat sources along with the recovery of Pu-238 from processing residues and scrap materials. These sources were manufactured for both defense and non-defense activities. Pu-238 processing and fabrication was performed in Buildings 3, 4, 5, and 150. The primary programs included the Systems for Nuclear Auxiliary Power heat source, the artificial heart program, the Solid Solution Cermet fuel form, the Plutonia Molybdenum Cermet fuel form, the Plutonia-Iridium Cermet fuel form, and the Pure Plutonium Oxide fuel form (References D008, D021, D047, D049, D050, and D065).

Systems for Nuclear Auxiliary Power

Systems for Nuclear Auxiliary Power (SNAP) devices converted thermal energy from radioisotope decay into electrical energy. The first sample of Pu-238 metal was produced by CMB-11 at DP West in 1959. The Pu-238 was then used to fabricate a SNAP power source using plutonium. The first encapsulation of a Pu-238 heat source was carried out in Building 5. The Pu-238 heat sources were used to power unmanned weather stations, navigational buoys, satellites, and spacecraft instrumentation. The SNAP power sources also support space electric power applications, including Apollo Lunar Surface Exploration Packages (Reference D008).

Artificial Heart Program

In the 1960s and 1970s, work on the development of a Pu-238 heat source for the artificial heart was conducted in Building 4 North. The U.S. Atomic Energy Commission (AEC) (later the U.S. Energy Research and Development Administration), in coordination with the National Heart and Lung Institute, started a program to develop the power supply for the artificial heart in 1967. The aim of the program was to develop a compact, completely self-contained, artificial heart powered by a nuclear source. After an extensive study, the AEC decided on Pu-238 as one of the best possible source materials (References D005, D008, D020, D044, D045, and D046).

CMB-11 was tasked to conduct R&D on the nuclear heat source, and acquired 80 percent enriched Pu-238 material produced by Savannah River Plant (SRP). The fuel forms researched and developed in this program included Pu-238 metal, Pu-238-3 atom percent gallium (performed in TA-55 only), Pu-238, N-15 nitride, and Pu-238 O-16 oxide. The plutonium metal fuel provided the lowest radiation exposure, but ultimately the O-16 oxide became the fuel of choice because of its greater chemical stability and a radiation exposure nearly as low as that of the metal fuel. The medical-grade fuel forms were prepared by dissolving the Pu-238 oxide in a nitric and hydrofluoric acid mixture, precipitating as plutonium peroxide, and isolating the cake by filtration. After filtration, the peroxide was destroyed, "killed," and the acids were neutralized by a hydroxide precipitation and filtration before the solution was transferred to the waste treatment plant at TA-21 East. Then the peroxide precipitate was converted to the tetrafluoride by heating under a flow of hydrogen fluoride and oxygen gas. Any unreacted hydrogen fluoride gas was scrubbed with potassium hydroxide solution and the solution was sent to the same treatment plant. The plutonium fluoride was reduced to metal with calcium metal in a bomb reduction. The calcium fluoride and calcium iodide slag became either recoverable scrap for SRP or waste. Eventually, the bomb-reduced metal was cast into rods, and two rods were

placed into the anode cup and electrorefined. The sodium chloride/potassium chloride salt and crucible became recoverable scrap for LANL. Finally, the electrorefined high purity metal was cast into rods and encapsulated as the heat source. The high purity of the feed materials, as demonstrated by analysis, assured that none of the waste materials would contain above regulatory limit heavy metals (References C009, D019, D020, D044, D045, and D046).

Eventually, the first four steps were replaced by the direct oxide reduction process. That step involved the reduction of plutonium oxide to plutonium metal, at 850 °C, with calcium metal in molten calcium chloride/calcium fluoride, or plain calcium chloride salt, to dissolve the resulting calcium oxide. The salt and crucible became a recoverable residue. The recovery of the residues was accomplished by oxidizing any plutonium metal to the oxide and re-introducing it as feed material (References D019, D044, D045, and D046).

The Pu-238 O-16 oxide was prepared by taking the electrorefined metal rods produced, as discussed above, and placing them in a vacuum manifold, with hydrogen gas admitted to the Pu-238 metal to form plutonium hydride. The hydride was decomposed under vacuum to reform the metal, while not melting the plutonium. These steps were repeated twice, resulting in a Pu-238 powder. The powder was reacted with O-16 water vapor under a flow of argon saturated with water vapor from 400 °C to 700 °C. The oxide powder was ball milled in an inert atmosphere, screened, and cold pressed. The pellet was crushed and re-screened again. Carbowax dissolved in trichloroethylene was added to the powder and pressed into a pellet, then sintered at 1550 °C under a flow of argon/O-16 water (References D019, D044, D045, and D046).

The Pu-238 N-15 nitride process is identical with that described in the Pu-238 O-16 oxide process above, except where N-15 gas was reacted in a controlled manner with the Pu-238 powder at 300 °C and gradually increasing to 500 °C to form plutonium nitride. The same comments apply to the preparation of the nitride fuel as those under the oxide fuel. No mixed waste was created in this fuel preparation (References D019, D044, D045, and D046).

The design of the artificial heart consisted of the artificial heart pump that would be placed in the patient's chest, and the fuel source and engine package that would be placed in the lower abdomen. Although the prototype fuel source designed and manufactured by CMB-11 incorporated safety features and used impact-resistant, high-strength materials, the possibility that Pu-238 could be released into the environment was the main reason for the cancellation of the program. Potential accident scenarios included traumatic accidents, catastrophic fires, explosions, or gun shots (Reference D008).

Solid Solution Cermet (SSC) Fuel Form

The Savannah River Laboratory prepared the SSC for the TRANSIT Project, which consisted of 90 weight percent Pu-238 oxide –10 weight percent thorium oxide solid solution coated with molybdenum metal. The plutonium oxide was sampled to determine the total plutonium content and to determine impurities spectrochemically. The plutonium oxide was then heated at 1000 °C and ball milled. The thorium oxide was also ball milled, and then both oxides were combined and ball milled again before pressing into a 250-gram pellet. The pellet was sintered at 1600 °C in an argon atmosphere with O-16 water. The sintered chunks were crushed and their density measured. Further crushing was performed, and the granules were screened to collect the 105 to 177 mesh. The fines were then recycled. The collected granules were coated with molybdenum in a heated column using chemical vapor deposition. The molybdenum source was either molybdenum hexafluoride or molybdenum pentachloride gas vaporized and

mixed with hydrogen gas. The gas cylinders were located outside the glovebox and the gas was plumbed in. At 600 °C, the molybdenum was reduced to metal and the hydrogen combined with the fluorine or chlorine to form hydrogen fluoride or hydrogen chloride gas, respectively. The halide gas was reacted with calcium oxide or calcium carbonate to form a calcium salt in a trap. A mixture of argon/hydrogen gas flowed through the column during the heating and cooling steps (References D019, D047, and D051).

A sample of the molybdenum coated fuel granules was analyzed to determine the molybdenum concentration. A 160-gram sample of the coated granules was transferred to a molybdenum boat, baked in an induction furnace at 1800 °C, and charged to a die body. The charge was pressed at 1700-1750 °C and 13,000 pounds per square inch. Molybdenum, in a rolling tube containing molybdenum springs, was applied as an overcoat to the fuel disc in the same manner as above. The final overcoated discs were machined to their final dimensions using a lathe or an ultrasonic machine tool (References D019 and D047).

This process was similar to that used at the TA-55 Plutonium Facility, with the exception that the coating and machining steps used the following (Reference D019):

- Thoria was a major constituent rather than an impurity
- Molybdenum hexafluoride, molybdenum pentachloride, and molybdenum
- Calcium fluoride and calcium chloride
- Machining was performed dry.

Plutonia Molybdenum Cermet (PMC) Fuel Form

The PMC fuel form replaced the SSC fuel form. The fabrications steps were similar, with the exception of (References D019 and D021):

- The thorium oxide ball milling and the combination ball milling steps were eliminated
- An overcoat was not applied
- Machining of the overcoated discs was eliminated, and
- The fines were recycled to the ball milling of the oxide step.

Plutonia-Iridium Cermet (PIC) Fuel Form

A third fuel form was the PIC, consisting of 87 weight percent plutonium oxide and 13 weight percent iridium. The fabrication began with a commercial sample of 325 mesh iridium powder, which was milled, ground, and mixed with several different slurry solutions, dried, and blended to generate an electrostatic charge on the metal particles. Up to this point, the operation was conducted in a non-radioactive environment; therefore, no TRU waste would be generated (References D019 and D049).

An O-16 exchange was performed on the oxide at 750 °C under a flow of argon/O-16 water. The oxide was out-gassed at 1000 °C and ball-milled in stainless-steel mills. The oxide was granulated by dry pressing in hardened-steel dies and granules were isolated of 61-295 mesh (smaller granules were recycled). The granules were then fired at 1075 °C to 1350 °C under a carbon dioxide atmosphere. The plutonium oxide was spread out over the bottom of a Petrie dish, a 325 mesh screen placed over the dish, and the iridium powder was sprinkled on to the screen. The entire assembly was oscillated to mix the combined powders. The graphite hot press die cavities and punches were painted with a five percent iridium/alcohol slurry and dried.

During this step, the iridium became part of the product piece, while the loss of oxygen from the plutonium oxide to the graphite was prevented. The iridium-plutonium oxide charge was cold pressed, and then hot pressed. Re-oxidation of any sesquioxide Pu-O16 was accomplished by reheating the product shape at 1100 °C (References D019 and D049).

The chemicals used in this process were camphor and acetone. The camphor began to volatilize as soon as it contacted the heat from Pu-238, and was completely volatilized as soon as larger quantities of oxide were brought together. The acetone was vaporized when the iridium camphor cake was dried. The first application of ethanol was removed by drying to the point that no ignitability remained. In the iridium painting, the parts were dried at 100 °C, which insured that the ethanol completely vaporized and no ignitability remained. The brushes that were used to apply the slurry would have been air-dried removing any potential for ignitability (References D019 and D049).

Pure Plutonium Oxide (PPO) Fuel Form

The use of cermet fuel form was replaced by PPO fuel form. The sintered plutonia fuel was contained by encapsulation in a high melting-point metal, such as iridium or platinum. An O-16 exchange at 775 °C under an argon/O-16 enriched water atmosphere was performed, and the powder was out-gassed at 1000 °C. The oxide powder was ball-milled with 440 stainless-steel jars and balls, then cold pressed into pellets using no binder and a Ferrotek die and punch. The pellets were then crushed, screened, and the desired size pieces were seasoned under an argon/O-16 water atmosphere. The pieces were loaded into a graphite die and punch assembly, hot pressed at 1490 °C, and sintered under an argon/O-16 water atmosphere (References D019 and D050).

These steps were incorporated into the fabrication of the 100-watt spheres that were used in the Multi-Hundred Watt program and also became the basis for fabrication of pellets of lesser wattages. These steps were identical with those employed in the General Purpose Heat Source and Light Weight Radioisotope Heater Unit fabrications performed at TA-55. No new chemicals or hazards were found in this fuel process (References D019 and D050).

Supporting Operations

Preparation of the fuel forms described above was only one portion of the Pu-238 heat source programs. In order to understand issues, such as safety, possible reentry into the earth's atmosphere from outer space, launch accidents, and radiation exposure to an artificial heart recipient, it was necessary to determine the chemical, physical, and radiation properties of those fuel forms. The following supporting operations were performed at TA-21 West (Reference D019):

1) Powder Density Determination - This process was accomplished by mechanical means involving no hazardous materials.

2) Asymmetrical Thermal Ramp of a PIC Sphere - This was an attempt to understand the stability of a PIC sphere under conditions of thermal shock involved only heating.

3) Melting Points of plutonium oxide and molybdenum - This process involved measurements and also included vapor pressures, heat of melting, and heat of sublimation for both materials. No chemicals were used in these measurements.

4) Thermal Diffusivity for PMC - No hazardous chemicals were used in these measurements.

5) Spectral Emissivity of PMC - No hazardous chemicals were used in these measurements.

6) X-ray Crystallography of the plutonium oxide - No hazardous chemicals were used in these determinations.

7) Chemical Interactions of plutonium oxide and plutonium oxide-x - Involved interactions with water, hydrogen, oxygen, carbon, nitrogen, tantalum, tungsten, molybdenum, iridium, titanium, titanium oxide, hafnium, hafnium oxide, thorium, thorium oxide, zirconium, and zirconium oxide. There was no use of hazardous materials in these studies.

8) Surface Temperature of SSC Discs - There was no use of hazardous materials.

9) Thermal Dilatometry Measurements of SSC - There was no use of hazardous materials.

10) Mass Spectrometer Study of vaporization of SSC fuel - There was no use of hazardous materials.

11) Thermal Stability of SSC Fuel in Air - There was no use of hazardous materials.

12) Thermoluminescent Dosimetry of Pu-238 heat sources - Dose rates were determined for both neutrons and gamma rays. No hazardous chemicals were used in the dosimetry.

13) Particle Size Determinations for Ball-milled Powders - This determination made use of a viscous solution, called Sedisperse that possessed no hazardous constituents.

14) Oxygen Isotopic Exchange of Heat Source Pellets on Exposure to Oxygen, Dry Air, and Moist Air - No chemicals were used in this study.

15) Calorimetry of Heat Sources to Determine Thermal Power - Small sources were measured in a copper isothermal twin calorimeter, and larger ones in a water-bath calorimeter. No hazardous chemicals were employed.

16) Helium Release Studies on Encapsulated and Bare Heat Source Pellets - No hazardous chemicals were used in these studies.

17) Radon Release Study on an Encapsulated Heat Source - Aqua Regia employed to dissolve any radon decay daughters, but this was done outside the glovebox.

Miscellaneous and Special Processing

The miscellaneous and special processing operations at DP West included the development of new recovery operations, metallography, and preparation of isotopes. The overall goal of miscellaneous and special processing involved the study and improvement of operations associated with the purification, extraction, recovery, and characterization of actinides. They were often performed on a small scale or in support of other operations (References D038, D041, and M001).

Development of New Recovery Processes

The development of new recovery processes involved a series of similar actinide extraction, separation, and characterization R&D studies. These studies included the processing of hydroxide cakes using various experimental chemical and electrochemical research solutions. These solutions were used to investigate and improve upon existing extraction and separation techniques. The development of sensors and instrumentation for chemical analysis was also conducted under this process. In addition, purification studies were performed on a non-routine basis. These studies involved small scale research and trouble shooting of various purification methods and used numerous isotopes and isotopic mixtures of plutonium, uranium, americium, and neptunium. Spent solutions, such as acids and bases, used in these operations were either sent to TA-50 or Building 257 (References D038 and M001).

Metallography

The purpose of the metallography operation was to characterize the microstructure of metallic or ceramic pieces to verify and establish the quality and effectiveness of welds. Materials examined under this operation consisted of plutonium and uranium carbides, nitrides, and oxides, as well as zirconium and tantalum alloys, and stainless-steel. Metal pieces (pellets) were cut with a diamond saw. Ceramic pieces were subjected to grinding with standard metal grinding media. Various epoxies were used for sample mounting, and the materials were cleaned, polished, and etched with several different chemical compounds (References D002, D046, D048, D050, and D065).

Preparation of Isotopes

The preparation of isotopes process involved a hydrofluorination system to convert compounds of special isotopes of plutonium and other actinides to fluorides. The compounds were treated with hydrogen fluoride or fluorine gas to produce plutonium fluoride. The plutonium fluoride was then mixed with calcium metal, which in turn was heated to form calcium fluoride and plutonium metal. Quite often, a catalyst (e.g., iodine) was added to initiate the reaction and to provide sufficient energy to ensure a complete reaction. This method of metal preparation neither purified the product metal, nor did it introduce impurities. However, a high-purity oxide feed would produce metal that met purity specifications for many applications (References D041 and M001).

Decontamination and Decommissioning (D&D)/Closure Operations

Plutonium operations in TA-21 started in the early 1940's and continued until 1978. Many of the facilities were used for other activities, including basic research, until they were declared surplus in the 1990's. Several D&D/Closure projects have been undertaken to remove contaminated portions of some facilities, to completely demolish others, and to cleanup surrounding MDAs and tank systems. These facilities and systems housed the equipment and material used to perform the above listed operations and the MDAs contained waste from the above listed operations. Therefore, the waste generated during D&D operations contains the same chemical and radiological contaminants (References D008, D035, D067, D069, P036, and P037).

Decontamination operations were used to accomplish several goals, such as reducing occupational exposures, limiting potential releases of radioactive materials, permitting the reuse of components, and reducing the amount of TRU waste generated. Decontamination operations included the use of mechanical and chemical cleaning techniques, such as brushing,

stripping, washing, and wiping to remove contamination. In addition, physical isolation and draining of equipment were performed when necessary. Based on the radiological contamination, drained liquids were either treated at the liquid waste treatment facility or solidified with cement or an absorbent material (e.g., vermiculite, zeolite). Decommissioning operations involved the physical removal of contaminated equipment, furnishings, gloveboxes, machinery, piping and acid wells, support systems, and in some cases the investigation, excavation, and remediation of MDAs and tank systems including the removal of the surrounding media (e.g., soil). This included the removal and size reduction of glovebox internals, process piping and supports, tanks and ancillary equipment, and other fixed equipment, such as building ducting, wires, conduits, electrical panels, and cabinets. Gloveboxes and equipment were size reduced, as necessary, and packaged for disposal. Soil may have become contaminated during or discovered by the removal of equipment and facilities and cleanup of MDAs and tank systems. Sampling may also be performed to determine contamination levels of equipment, materials, and surrounding media (e.g., soil). Sampling can include direct radiological measurements or smears of equipment and analytical sampling of materials or media (e.g., coring, grab sampling). The containers assigned to waste stream LA-MSG04.001 were generated during these D&D operations. Secondary waste, such as combustibles, metal, and plastic generated during D&D, is expected to be part of the waste. D&D operations also included the removal of stored radiological and hazardous materials and other related actions (References D006, D008, D035, D060, D066, D067, D069, D070, M004, M020, M021, P036, and P037).

No hazardous chemicals were added to the waste during D&D operations. Commercially available, non-hazardous cleaning products, such as Fantastik, were used to remove loose contaminants. Another method for removal of loose contamination was to use non-hazardous strippable coatings, such as ALARA 1146 and Sensor Coat. Water-based paint was often used to fix remaining contamination in place prior to demolition. The goal of the D&D was to reduce the amount of TRU waste generated as much as possible through decontamination and size reduction (References D066 and D070).

Waste Repackaging and Prohibited Item Disposition

Waste containers that fail to meet WIPP criteria are sent to the TA-50 Waste Characterization, Reduction, and Repackaging (WCRR) Project; the TA-54 Building 412 facility formerly known as the Decontamination and Volume Reduction System (DVRS) facility; the TA-54 Dome 231 Permacon; or TA-54 Dome 375 TRU Oversized Waste Processing Capability Project, also referred to as the Box Line Process, to be safely remediated. These four facilities are used to perform visual examination (VE), repackaging, and prohibited item dispositioning of TRU waste. VE is performed to provide information that is used to 1) confirm the waste stream delineation by AK, 2) ensure the absence of prohibited items, and 3) characterize retrievably stored waste with inadequate AK. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new containers, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items removed and segregated, if necessary, prior to certification and shipment. Waste items with high dose rates may be repackaged into a pipe overpack container. Current repackaging procedures ensure that waste items placed into a new container originate from a single parent container. Therefore, if repackaging is necessary, the original TA-21 characterization is retained. Some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, personal protective equipment (PPE), plastic sheeting used for contamination control,

rags and wipes (Kimwipes), and original packaging material (e.g., plastic bags, plywood sheathing, rigid liner lids cut into pieces). Although these operations are performed outside of TA-21, there is no cross contamination with waste from other LANL facilities (References C027, C034, P010, P011, P012, P021, P028, P029, P030, P032, P033, and P034).

Below-Grade Retrieval Project

Since 1970, TRU waste generated by LANL has been retrievably stored at TA-54, Area G, in anticipation of disposal at WIPP. Some of this waste, generated between 1970 and 1998, has been stored below ground. The below ground TRU storage includes a trench containing corrugated metal pipes (CMPs), Pit 9, four trenches (A–D), and remote-handled shafts. LANL has established the Legacy Waste Disposition (LWD) Project to ensure the safe retrieval of containerized TRU waste from below ground storage (References D072, D073, D074, and D078).

The primary mission of the LWD Project at TA-54, Area G, is to retrieve, characterize, repackage, as necessary, and dispose of below-grade TRU waste. Retrieval operations typically include workspace setup, removal of below ground storage material (e.g., soil, tarps, and/or cement plugs), inspection of waste containers to be removed (i.e., evaluation of container integrity), radiological survey of the containers, physical removal of the containers using various mechanical means, and workspace cleanup. Retrieved containers that are intact may be washed with water and detergent to remove soil or contamination if found. The wash water is treated separately from the containerized waste. Depending on the type and condition of the retrieved container, further repackaging or processing may be required. For instance, fiberglass-reinforced plywood boxes will be transferred to the TA-54 Building 412 facility or TA-54 Dome 375 for safe disassembly and repackaging. CMPs will be cut into sections and packaged into drums or SWBs. Drums with integrity or prohibited item (e.g., liquid) issues may be repackaged or overpacked (i.e., 30-gallon drum placed into a 55-gallon drum). Materials used during retrieval operations that may contaminate the waste include contamination fixatives (e.g., paint); concrete used for patching (e.g., Portland cement), epoxy, plastic sheeting and bags, and PPE (References C035, D072, D073, D074, D078, P013, and P014).

Waste Stream Material and Chemical Inputs

The following table identifies the Resource Conservation and Recovery Act (RCRA) toxicity characteristic and listed constituents identified in this waste stream.

Chemical Identification and Use Summary

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
1,1,1-Trichloroethane (chlorothene)	Metallographic sample cleaning (<1992) and contaminant of hydroxide solids. Degreasing solvent and component of Tap Magic.	D002, D013, D065	F001, F002
Arsenic	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions. Evaporator sludge contaminant and sputter coating reagent.	D037, D039	D004
Barium	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, pyrochemical salts, and analytical solutions. Component of paint.	D002, D013, D039, D040, D041, D065, M010, P014	D005

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Benzene	Cement fixation contaminant and actinide chemistry R&D reagent.	C015, D038	F005
Cadmium	Contaminant of plutonium feed, hydroxide cake, anode heels, ash, actinide separation waste, and analytical solutions. Solvent metal used in electrorefining. Component of paint.	C014, D002, D007, D013, D039, D040, D041, D065, M002, M010, P014	D006
Carbon tetrachloride	Contaminant of cement fixation process and hydroxide solids. Chlorination of plutonium oxide and chloride operations reagent.	C014, D002, D036, D039, D040, D065, M002	F001
Chlorobenzene	Contaminant of cement fixation process and hydroxide solids. Analytical lab and chloride operations reagent.	C015, D036, D039, D065, M002	F002
Chloroform	Contaminant of cement fixation and miscellaneous processing. Chloride and miscellaneous operations reagent.	C015, D036, D038, D039, D065	D022
Chromium	Contaminant of plutonium feed, anode heels, hydroxide cake, ash, actinide separation waste, and analytical solutions. Potentially leached from stainless steel materials. Component of paint. Component of potassium chromate, potassium dichromate, and sodium chromate.	C014, C016, D002, D004, D007, D013, D036, D038, D039, D041, D042, D050, D065, P003, M002, M010, P007, P014	D007
Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane)	Miscellaneous processing contaminant and recovery operations reagent. Cleaning, cooling, and ultrasonic degreasing operations solvent.	D037, D038, D065, P003, P007	F001, F002
Lead	Leaded gloves, shielding, sheeting, and discs. Contaminant of actinide separation waste, analytical solutions, ash, hydroxide cake, plutonium feed, and solder. Solvent metal used in electrorefining. Component of paint. Actinide R&D reagents. Component of lead hydroxide, oxide, and nitrate.	C014, D002, D004, D007, D013, D036, D037, D038, D039, D040, D041, D050, D065, M002, M010, P014	D008
Mercury	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, evaporator sludge, and analytical solutions. Component of paint. Catalyst used in nitrate operations. Component of mercuric nitrate.	D002, D007, D009, D013, D036, D039, D041, D042, D065, M010, P014	D009
Methylene chloride	Paint stripper, contaminant of cement fixation, hydroxide cake, and miscellaneous processing. Chloride operations and actinide R&D reagent. Component of REZ-N-Bond.	C015, D036, D038, D039, D065, M002	F001, F002
Methyl ethyl ketone	Degreasing solvent.	D037, D065	F005
Pyridine	Uranium triiodide reagent, R&D solvent, and cement fixation process contaminant.	D038	F005
Selenium	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions.	D038, D059, D063	D010

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Silver	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, cement fixation contaminant, and laboratory reagent. Component of silver nitrate (leaching, solvent extraction, and laboratory reagent).	C014, C016, C023, D007, D036, D038, D039, D040, D041, D042, D065, P007	D011
Tetrachloroethylene	Degreasing, cleaning solvent, diluent, contaminant of cement fixation process and hydroxide solids. Chloride operations reagent.	C015, D036, D038, D039, D065, M002	F001, F002
Toluene	Actinide R&D reagent.	D038	F005
Trichloroethylene	Clean and polish machined parts. Miscellaneous process and hydroxide cake contaminant. Plutonium processing and solvent extraction reagent.	D002, D037, D038, D039, D065	F001, F002

RCRA Determinations

Historical Waste Management

Waste stream LA-MSG04.001 has historically been managed in accordance with the generator site requirements and in accordance with the requirements of the New Mexico Environment Department. Based on historical waste management, LANL managed the waste as nonhazardous. However, the LANL TRU program identified that further AK investigation was required. A review of available AK documentation has determined that this waste is hazardous for arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), and chloroform (D022) and F-listed solvents (F001, F002, and F005). This waste stream could have been contaminated with liquids and/or residues from any of the plutonium processing operations. The following sections further describe the characterization rationale for the assignment of Environmental Protection Agency (EPA) hazardous waste numbers (HWNs) to waste stream LA-MSG04.001. The Chemical Identification and Use Summary table summarizes the waste codes assigned to this waste stream (References D059, D060, and DR005).

Hazardous Waste Determinations

Ignitability, Corrosivity, Reactivity

The waste material in waste stream LA-MSG04.001 does not meet the definition of ignitability as defined in 40 Code of Federal (CFR) 261.21. LANL waste management practices prohibit liquids in any container of solid waste materials. In 1975, an inventory of the chemicals used in the plutonium processing areas during one calendar year was compiled, with more than 40 reagents identified. Preliminary estimates at the time indicated that only minute quantities of these reagents contaminated waste items. Many organic liquids in use had high vapor pressures. Ignitable solvents (e.g., acetone, toluene) would have been air-dried to remove any potential for ignitability, because hazardous waste treatment under RCRA was not a consideration at DP West in the 1970s. This material will not cause fire through friction, absorption of moisture, or spontaneous chemical changes. The materials are not compressed gases, nor does the waste contain compressed gases. Although oxidizers (e.g., aluminum nitrate, ferric nitrate) were identified as being used at DP West, these reagents were used in small quantities as needed, and should only be present as trace contaminants. The materials

are not liquid, and real-time radiography (RTR) is performed to ensure the absence of liquids. The materials in this waste stream are, therefore, not ignitable D001 wastes (References C001, D001, D013, D058, D059, and D060).

The waste material in waste stream LA-MSG04.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22. Waste management practices required corrosive liquids (e.g., hydrochloric acid, nitric acid, sodium hydroxide) be transferred to the liquid waste treatment facility at Building 257 or solidified. A detailed study of the composition of DP West waste in 1975 verified the absence of any liquid in the solid wastes, indicating that these chemicals entered the waste stream only as contaminants absorbed onto waste items. RTR is performed to ensure the absence of liquids. The materials in this waste stream are, therefore, not corrosive D002 wastes (References D001, D002, D013, D058, D059, and D060).

The waste material in waste stream LA-MSG04.001 does not meet the definition of reactivity as defined in 40 CFR 261.23. The materials are stable and will not undergo violent chemical change without detonating. The materials will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The material is not a cyanide or sulfide-bearing waste, which when exposed to pH conditions between 2 and 12.5 generates toxic gases, vapors, or fumes. The materials are not capable of detonation or explosive reaction. Reactive materials present or used during plutonium operations were excluded from waste packaging or reacted prior to disposal. The materials in this waste stream are, therefore, not reactive D003 wastes (References D001, D013, D058, D059, and D060).

In one document discussing chemicals of concern during a D&D operation, picric acid is listed as a possible concern. No usage of picric acid was listed in that document and no usage of picric acid was found in any other source document. There is no evidence to indicate that picric acid is in any of the waste containers. The caution statement specified in the D&D document is considered a generic concern for any D&D operation (Reference D068).

The containers in the waste stream will be evaluated in accordance with the WIPP-WAP using radiography prior to shipment to ensure the waste is not ignitable, reactive, or corrosive.

Toxicity Characteristic

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the soil waste, LA-MSG04.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24, as summarized in the Chemical Identification and Use Summary table. Where a constituent has been identified and there is no quantitative data available to demonstrate that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to this waste stream.

The AK identified the potential presence of additional toxicity characteristic compounds; however, the more specific F-listed EPA HWNs have been assigned to waste stream LA-MSG04.001 for the following constituents: benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), and trichloroethylene (D040). These characteristic EPA HWNs are not assigned to the waste stream. Waste stream LA-MSG04.001 is assigned characteristic HWNs D004, D005, D006, D007, D008, D009, D010, D011, and D022 (References D007, D009, D036, D037, D038, D039, D040, D041, D059, and DR005).

Listed Waste

F-Listed Waste

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the soil waste, LA-MSG04.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 CFR 261.31. As shown in the Chemical Identification and Use Summary table, F001, F002, and F005-listed solvents were used in TA-21 DP West operations. F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, methyl isobutyl ketone, and xylene are listed solely because these solvents are ignitable in the liquid form. The waste stream will not exhibit the characteristic of ignitability because it is not liquid; therefore, F003 is not assigned. Waste stream LA-MSG04.001 is assigned F-listed EPA HWNs F001, F002, and F005 (References D013, D036, D037, D038, D039, D040, D059, and DR005).

K-Listed Waste

The material in this waste stream is not hazardous from specific sources since it was not generated from any of the processes listed in 40 CFR 261.32 (References D013, D059, D060, M004, and M020).

P- and U-Listed Wastes

Review of the AK record did not identify any specific source or incident where DP West soil waste was mixed with or contaminated with discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof as defined in 40 CFR 261.33. No listed chemicals were identified in the container-specific documentation. Beryllium from metal operations, in general, would be in the form of classified shapes or turnings and would, therefore, not be in this waste stream. However, it is assumed that, if present, beryllium is a minor contaminant, well below one weight percent in any given waste container. Regardless, the beryllium contamination in this waste does not meet the definition of a P-listed waste because it was used for its intended purpose. Hydrofluoric acid was used during sample dissolution; however, there is no indication that unused acid or materials from spills of the acid were disposed of in this waste stream. Additionally, as described above, liquids were evaporated, treated, or absorbed prior to disposal. Waste stream LA-MSG04.001 is, therefore, not assigned a P- or U-listed HWN (References D013, D058, D059, D060, M004, M020, P003, and P007).

Polychlorinated Biphenyls (PCBs)

Based on documentation reviewed during the AK investigation and summarized in lists of inputs, no PCBs were identified in this TRU waste stream. Oils were used in the operations, including heat-treating, hydraulic, lubricating, machining, and vacuum pump oils. None of these oils are known to contain PCBs. Therefore, this waste stream is not regulated as a Toxic Substances Control Act waste under 40 CFR 761 (References D013, D058, D059, and D060).

Prohibited Items

Based on the review of container documentation and documented waste management practices, no prohibited items are specifically identified in the waste stream. However, the presence of liquids due to dewatering is possible. In addition, procedures allowed containers

greater than four liters, sealed with tape, to be used for waste packaging until LANL WIPP-approved procedures were implemented (References D013, D058, D059, and D060).

Prohibited items are detected by RTR and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new drums, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items removed and segregated if necessary prior to certification and shipment (References C027, C034, D013, D058, D060, P010, P011, P012, P021, P030, and P032).

Method for Determining Waste Material Parameters (WMPs) Weights per Unit of Waste

To estimate the WMPs for waste stream LA-MSG04.001, WMP data were obtained from the Waste Data System (WDS), formerly known as the WIPP Waste Information System database. The WMP data were derived from RTR of this waste stream by the Central Characterization Program (CCP) TRU Waste Certification Program (TWCP) at LANL.
The WMPs for waste stream LA-MSG04.001 were estimated by reviewing the WDS data for five containers. The WDS data provides a weight for packaged waste materials, which were categorized into the following WMPs: iron-based metals/alloys, plastics, and soils/gravel. Although not identified in RTR data, WMPs other inorganic materials (e.g., concrete, insulation) and inorganic matrix (e.g., vermiculite) are expected to be present in this waste stream. Therefore, these WMPs are identified as being present and are listed at concentrations of less than one weight percent. Average, minimum, and maximum WMP weight percentages were calculated using this data, and the results of this analysis are presented in the Waste Material Parameter Estimates for LA-MSG04.001 table.

Waste Material Parameter Estimates for LA-MSG04.001

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	5.15%	3.53% - 8.53%
Aluminum-based Metals/Alloys	0.00%	0.00% - 0.00%
Other Metals	0.00%	0.00% - 0.00%
Other Inorganic Materials	<1.00%	0.0% - <1.00%
Cellulosics	0.00%	0.00% - 0.00%
Rubber	0.00%	0.00% - 0.00%
Plastic (waste materials)	0.89%	0.71% - 1.42%
Organic Matrix	0.00%	0.00% - 0.00%
Inorganic Matrix	<1.00%	0.0% - <1.00%
Soils/Gravel	93.96%	90.04% - 95.77%

List of AK Sufficiency Determinations Requested for the Waste Stream

No AK Sufficiency Determinations were requested for this waste stream.

Transportation

This waste stream and its chemical constituents have been reviewed for consistency with the listed TRUCON codes and they are consistent.

Beryllium

Beryllium will not be present in amounts greater than 1% by weight of the waste in each payload container.

Radionuclide Information

The radiological distribution for this waste stream is listed in the Estimated Radionuclide Distribution for the LA-MSG04.001 Waste Stream table. The distribution represents existing generator-reported radionuclide data for each container in the waste stream. The "Total Radionuclide Weight%" values in the below table are the gram value for each radionuclide over the entire waste stream divided by the total radiological mass in the waste stream. The same calculation produced the values for the "Total Radionuclide Curie%" using the sum of activity values for each radionuclide over the entire waste stream. The columns "Radionuclide Weight% Range for Individual Containers" and "Radionuclide Curie% Range for Individual Containers" illustrate the reported ranges of radionuclides in individual containers by identifying the maximum and minimum values for each radionuclide on a container-by-container basis over the entire waste stream (References C033, C037, M004, M009, and M020).

The two predominant radionuclides by mass percent are U-238 and Pu-239, while 95 percent of the activity over the entire waste stream is from Pu-239 (References C033, C037, M004, M009, and M020).

Estimated Radionuclide Distribution for the LA-MSG04.001 Waste Stream

Radio-nuclide	Number of Containers with Reported Nuclide	Total Radio-nuclide Weight%[1,5]	Total Radio-nuclide Curie%[2,5]	Radionuclide Weight% Range for Individual Containers[3,5]	Radionuclide Curie% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides						
Am-241[6]	57	Trace	0.54%	0 - 16.30%	0 - 91.50%	Yes
Pu-238	57	Trace	0.12%	0 - Trace	0 - 0.71%	Yes
Pu-239	75	8.38%	99.00%	0 - 100.00%	0 - 100.00%	Yes
Pu-240	1	Trace	0.05%	0 - 0.43%	0 - 38.07%	Yes
Pu-242	1	Trace	Trace	0 - 0.05%	0 - 0.08%	Yes
U-233	1	Trace	Trace	0 - Trace	0 - 0.01%	Yes
U-234	19	0.01%	0.01%	0 - 0.39%	0 - 0.15%	Yes
U-238	19	87.71%	0.01%	0 - 98.77%	0 - 0.12%	Yes
Sr-90	19	Trace	0.04%	0 - Trace	0 - 0.26%	Yes
Cs-137	18	Trace	0.21%	0 - Trace	0 - 1.33%	Yes
Additional Radionuclides						
H-3	19	Trace	Trace	0 - Trace	0 - Trace	Yes
I-125	1	Trace	Trace	0 - Trace	0 - 0.02%	Yes
I-129	1	Trace	Trace	0 - 0.05%	0 - Trace	Yes
Np-237	1	Trace	Trace	0 - 0.13%	0 - 0.04%	Yes
Pb-210	1	Trace	Trace	0 - Trace	0 - 0.48%	Yes
Pu-244	1	0.20%	Trace	0 - 69.36%	0 - 0.48%	Yes
Ra-226	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-234	1	Trace	0.01%	0 - Trace	0 - 4.62%	Yes
U-235	56	3.70%	Trace	0 - 75.93%	0 - 0.14%	Yes

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity (curie) percent for that radionuclide.
6. Maximum weight percent and curie percent ranges based upon preliminary CCP NDA analyses, not generator reported data.

Payload management will not be utilized for this waste stream.

Source Documents

Source Document Tracking Number	Title
C001	Interview of Tom Keenan: DP Connections Arising Out of the Pu-238 Space Heat Program and J. Foxx summary "Plutonium-238 Heat Source Fabrication for Space and Artificial Heart R&D Activities at TA-21 West and CMR Building from 1970 to 1978"
C002	Record of Communication with Jim Foxx - TA-21 Operations at Buildings 2,3,4,5 and 150 and Pu-238 questions
C003	Interview of Jim Foxx: DP, Pu-238 information at TA-21 West
C005	Interview: TA-21 DP West Plutonium Processing Operations, 1970-1977, Waste Management Practices
C006	TA-21 Processing in Reactor Fuel Development, e-mail to C. Smith
C007	Interview of J. Foxx: TA-21 DP West Plutonium Processing Operations, 1970-1977, Lack of Operating Procedures
C008	WACCC Audit Finding #1 (April 27 - May 1, 1987)
C009	Interview of J. Foxx: TA-21 DP West Plutonium-238 Operations, 1970-1977, Purity of Pu-238 feed material, commingling of Pu-238 with other material types.
C011	Interview of J. Foxx: TA-21 DP West Plutonium-238 Operations, 1970-1977, Production-scale Evaporator Not in Operation
C013	[UCNI] Email to G. Miller, re: AK Record [Response from Jim Foxx regarding bomb reduction and plutonium peroxide]
C014	[UCNI] Answers to General Questions About Pyrochemical Salts, Posed by P. Rogers
C015	Review Sheet Documenting An Interview With Jim Foxx on CLS-1 Solvents
C016	Answers and Questions About Various P/S Codes
C017	Interview of J. Foxx: Sources of Cs-137 and Pa-231 in TA-55 TRU waste
C018	Interview of J. Foxx: Sources of Cs-137, Pa-231, and Cm-244 in TA-55 Waste
C019	Memo Assay of U-234
C020	Memo regarding U-234 and Sr-90 Calculations for NDA Reporting
C021	Material Type Isotopic Compositions and Am-241 Content in Solid Transuranic Waste
C022	Commingling of Defense and Nondefense TRU Waste-Memo to TWCP Records Center
C023	Interview of Jim Foxx: Answers to questions about various P/S codes
C025	Fiberboard Drum Liner use at Los Alamos National Laboratory
C026	Memo: David Barnes to John Gallimore, re: Decommissioning and De-con of Building 4 Hot Cells at TA-21 DPW
C027	Email re: Secondary Waste Discussion to be Added to AK4 and AK6
C028	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001
C030	Decontamination and Volume Reduction System (DVRS) Information
C031	Change of LA Waste Stream Designation For TRU Oversize Crates at TA-54

Source Document Tracking Number	Title
C032	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001
C033	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001
C034	Secondary Waste Generated by the Remediation/ Repackaging Processes at Dome 231 and WCRRF
C035	Record of Communication: Drum Washing of Drums Retrieved from Below-Grade
C036	TA-54 Building 412 vs. DVRS Facility
C037	Evaluation of Volume and Period of Generation Waste Streams LA-MHD04.001 and LA-MSG04.001, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001
D001	Guidelines for the Interim Storage of AEC-Generated Solid Transuranic Wastes [Excerpt, thru p. 14]
D002	Characterization of Transuranic Solid Wastes from a Plutonium Processing Facility
D003	Fused Salt Electrorefining of Molten Plutonium and Its Alloys
D004	A Review of Operating Experience at the Los Alamos Plutonium Electrorefining Facility, 1963-1977
D005	The Atom: Heart Power
D006	Demolition of Building 12, An Old Plutonium Filter Facility
D007	TA-55 Plutonium Facility Acceptable Knowledge Report - Process Acceptable Knowledge Report for Plutonium-238 Operations at TA-55
D008	Historic Building Assessment for the DOE Conveyance and Transfer Project
D009	Acceptable Knowledge Report for Newly generated Waste from Metal/Pyrochemical Operations at TA-55
D010	TA-21 Operable Unit RFI Work Plan for Environmental Restoration
D011	Nuclear Materials Processing At the Los Alamos National Laboratory
D013	Review Comments on Draft of TA-21 DP West Facility AK Operations Report
D014	Final Safety Analysis Report for TRANSIT RTG Volume 1, Reference Design Document - Intro and Table 1-1 only
D015	Characterization of Direct Oxide Salts (U)
D016	Plutonium Research: Historical Role of DP-West in The Atom
D017	Backlog Waste Reassessment Baseline Book
D018	The Atom, Remaking DP West
D019	Plutonium-238 Heat Source Fabrication for Space and Artificial Plutonium-238 Heat Fabrication for Space and Artificial Heart R&D Activities at TA-21 West and CMR Building from 1970 to 1978
D020	The Atom, Nuclear Power for an Artificial Heart
D021	Data Sheets for PMC Isotopic Fuel
D022	Institutional Plan FY2002-FY2007
D023	TRU Waste-Sampling Program

Source Document Tracking Number	Title
D025	Fused Salt Processing of Impure Plutonium Dioxide to High-Purity Plutonium Metal
D026	Los Alamos TRU Waste Certification Plan for Newly Generated TRU waste, Nov 1984
D027	Direct Reduction of 238-PuO2 and 239-PuO2 to Metal
D028	LANL Transuranic Waste Characterization Sampling Plan-June 1999
D029	Six-Kilogram Scale Electrorefining of Plutonium Metal
D031	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassini Mission
D032	Bi-Monthly Progress Report - Multi-Hundred Watt Radioisotope Thermoelectric Generator Program
D033	Waste Management Site Plan
D034	Final Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories, and Regulatory Limits
D035	Los Alamos DP West Plutonium Facility Decontamination Project 1978-1981
D036	Process AK Report for Chloride Operations at TA-55, TWCP-15411
D037	Process AK Report for Metal Operations Processes at TA-55, TWCP-15412
D038	Process AK Report for Miscellaneous Operations at TA-55, TWCP-15413
D039	Process AK Report for Nitrate Operations at TA-55, TWCP-15414
D040	Process AK Report for Pyrochemical Processes at TA-55, TWCP-15415
D041	Process AK Report for Special Processing at TA-55, TWCP-15416
D042	Plutonium Processing at the Los Alamos Scientific Laboratory
D043	Waste from Plutonium Conversion and Scrap Recovery Operations
D044	Preparation and Development of Medical-Grade Plutonium-238 Fuels, July 1, 1967 - June 30, 1971
D045	Preparation and Evaluation of Medical-Grade Plutonium-238 Fuels July 1, 1971- June 30, 1973
D046	Plutonium-238 Fuel and Heat Source Development for Nuclear-Powered Artificial Heart Program July 1-September 30, 1976
D047	Plutonium-238 Space Electric Power Fuel Development Program January 1-March 31, 1970
D048	Helium Release of Pu-238-Molybdenum Cermet Fuel
D049	Initial Development and Characterization of Plutonia-Iridium Cermets
D050	Data Sheets for PPO Radioisotopic Fuel.
D051	The Relationship of Fabrication Parameters to selected Properties of PuO2 Radioisotopic Fuels
D052	Waste Determination Report for Waste Stream TA-55-43 Lot No. 01
D053	Plutonium Recovery At The Los Alamos Scientific Laboratory
D054	Present Status of Plutonium Metal Production and Purification at Los Alamos - 1982
D055	Radioactive Waste Management Site Plan, 1974
D056	Plutonium Scrap Processing at the Los Alamos Scientific Laboratory
D057	Status of Am-241 Recovery and Purification at Los Alamos Scientific Laboratory

Source Document Tracking Number	Title
D058	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)
D059	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)
D060	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams
D062	Los Alamos Scientific Laboratory Health, Safety, and Environment Manual, Chapter XVIII-Material Disposal
D063	Acceptable Knowledge Summary report for Combustible/Noncombustible, Metallic, and HEPA Filter Waste resulting from Pu-238 Fabrication Activities
D065	LANL Project 2010 Acceptable Knowledge Report - Acceptable Knowledge Operations Report for Plutonium-238 Processes at LANL Facilities
D066	The Decommissioning of TA-21-153, A Ac-227 Contaminated Old Filter Building
D067	Nuclear Criticality Safety in D&D Operations – A Los Alamos Experience
D068	Decontamination and Demolition of a Former Plutonium Processing Facility's Process Exhaust System, Firescreen, and Filter Plenum Buildings
D069	A History of Waste Disposal at Technical Area 21, 1943 - 1978
D070	Decontamination and Size reduction of Plutonium Contaminated Process Exhaust Ductwork and Gloveboxes
D071	Upgrade and Performance Testing for the LINC Systems at TA-54 Area G
D072	Retrieval Plan for TA-54, Area G TRU Waste Containing Corrugated Metal Pipes (CMP)
D073	Project Management Objectives for Pit 9 TRU Waste Retrieval
D074	Retrieval Plan for TA-54, Area G TRU Waste for Pit 9
D075	TA-54, Area G Pit 9 Waste Description
D076	TA-54, Area G Pit 9 Waste Description
D077	TA-54, Area G CMP Waste Description
D078	TA-54, Area G Trenches A-D Waste Description
D079	TA-54 Area G Documented Safety Analysis
D080	Attachment A (Waste Analysis Plan) of the LANL Hazardous Waste Permit
D081	LANL Waste Acceptance Criteria
DR001	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers
DR002	Discrepancy Resolution Form for Waste Stream Volume Evaluation – TA-21 Mixed Heterogeneous Combustible and Non-Combustible Debris
DR003	Acceptable Knowledge Source Document Discrepancy Resolution – TA-21 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris
DR005	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001
M001	Table 1. TA-21 Plutonium Processing Operations, TA-21-Operations Report, Crosswalk to TA-55 Operations

Source Document Tracking Number	Title
M002	An excerpt from Archive generator's databases 95 drum
M003	Waste Streams from Buildings TA-21, TA-55, TA-50, and TA-00 at LANL. Appendices B, C, D, E and F (Changes to Sampling Plan)
M004	TA-55 NMT Waste Management System (CONCERT Database)
M008	Excerpt from CONCERT Database
M009	AKIR Database Extracted DP West (TA-21) Radionuclides in Grams
M010	Miscellaneous Material Safety Data Sheets (MSDSs) for Commercial Products and other Chemicals Identified in the TA-21 Processes
M011	Radioactive Solid Waste Disposal (RSWD) Records for LA-MHD04.001
M012	Radioactive Solid Waste Disposal (RSWD) Records from TA-50 Documenting TA-21 Repackaged Waste
M013	Evaluation of Additional Containers for LANL-10 Waste Stream LA-MHD04.001 (TA-21)
M014	Vent Date Information 6/26/2007 – 4/17/2008
M015	TWSRs for Containers 80126, 80128, 80354, 80356, 80358, 80360, 80380, 80388
M016	Pu-238 Storage Facility Logbook
M017	CMPs Logbook Area T, TA-21
M018	TA-54, Area G, Pit 9 Waste Information Spreadsheet
M020	RSWD/TWSR Records for LA-MSG04.001
M021	RSWD/TWSR Records for LA-MHD04.001
P001	Plutonium Electrorefining
P002	Button Breaking Press
P003	Safe Operating Procedure for Pit Disassembly
P004	Measuring Physical Properties
P007	Pit Disassembly
P009	Operating Instructions, Procedures, and Equipment for the Los Alamos Plutonium Electrorefining Plant
P010	Prohibited Item Dispositioning in Dome 231 Permacon, and TA-54 Area G Sludge Remediation Activities
P011	Processing Waste in the Waste Characterization Glovebox
P012	Standard Waste Visual Examination and Prohibited Item Dispositioning
P013	Trenches A – D Retrieval Operations
P014	TA-54, Area G CMP Retrieval Operations
P015	General Waste Management Requirements
P016	Managing Radioactive Waste
P017	Hazardous and Mixed Waste
P018	Review and Completion of the TWSR
P019	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)
P020	Waste Profile Form Guidance

Source Document Tracking Number	Title
P021	Sort, Segregate, Size Reduction, and Repackaging
P028	TA-54 Area G TRU SWB/Drum Operations
P029	TA-54-231 PermaCon Upgrades
P030	Sort, Segregate, Size Reduction, and Repackaging Activity
P032	TA-54 Area G TRU Crate SSSR Activities
P033	WCRRF Waste Characterization Glovebox Operations
P034	TA-54-375 TRU Oversized Box Processing Capability Project
P035	MDA-B TRU Waste Container Packaging in SWBs
P036	Waste Management Plan for Material Disposal Area (MDA) B
P037	Waste Management Procedure for Environment Program TA-21 Closure Project Activities (U)
U001	A Brief History of C-AAC
U002	Memorandum to E.L. Albenesius, re: Description of Mound and LASL Solid Pu-238 Waste Stored at SRP

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P2010-3392

CCP-AK-LANL-010

Central Characterization Program
Acceptable Knowledge Summary Report
For

LOS ALAMOS NATIONAL LABORATORY
TA-21 DP WEST FACILITY

WASTE STREAMS:
LA-MHD04.001
LA-MSG04.001

REVISION 6

February 14, 2013

Mike Ramirez

Printed Name

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	06/26/2007	Initial issue.
1	10/23/2007	Revised to add TA-21 Decontamination and Decommission waste and to include other miscellaneous editorial changes.
2	02/15/2008	Revised to address waste repackaging and prohibited item disposition currently being performed in Technical Area (TA)-50 and TA-54 and to include other miscellaneous editorial changes.
3	02/25/2009	Revised to properly identify chemicals in Table 11, Chemical Identification and Use Summary, as ignitable, corrosive, and/or reactive in their pure form; to address the addition of containers to waste stream LA-MHD04.001 that were originally characterized as homogeneous by Los Alamos National Laboratory (LANL); to modify the waste stream volume; to identify current LANL waste management practices; to describe the below-grade retrieval process; and to incorporate miscellaneous editorial changes.
4	12/14/2009	Revised to include the mixed contaminated soil waste stream LA-MSG04.001. This new waste stream is explained in detail in Section 6.0. This revision also includes miscellaneous changes identified during the 2009 recertification audit; expands the spent nuclear fuel and high-level waste assessment; clarifies current Los Alamos National Lab (LANL) waste management practices; and includes miscellaneous changes to Sections 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, and 9.0.
5	05/01/2012	Revised to incorporate changes required by the Waste Isolation Pilot Plant (WIPP) Permit renewal dated November 30, 2010; to update the Annual Transuranic Waste Inventory Report identification numbers; to expand the waste stream correlation section; to update container counts; and to clarify the waste packaging configurations. This revision also includes miscellaneous changes made throughout the report and freeze file changes.

RECORD OF REVISION (continued)

Revision Number	Date Approved	Description of Revision
6	02/14/2013	Revised to include Nuclear Waste Partnership (NWP) transition changes; expand/modify Sections 1.0, 2.0, and 3.0; to address changes identified during the 2012 recertification audit; to update the waste stream LA-MSG04.001 Waste Materials Parameter section; to clarify the waste packaging configurations; and to incorporate various freeze file changes.

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LIST OF ACRONYMS AND ABBREVIATIONS

AEC	U.S. Atomic Energy Commission
AK	acceptable knowledge
AKIS	Acceptable Knowledge Information System
ALARA	as low as reasonably achievable
ALOO	Albuquerque Operations Office
ALSEP	Apollo Lunar Surface Exploration Packages
CaO	calcium oxide
CCP	Central Characterization Program
CFR	Code of Federal Regulations
CH	contact-handled
CH-TRAMPAC	*Contact Handled Transuranic Waste Authorized Methods for Payload Control*
CMB	Chemistry and Metallurgy-Baker Division
CMB-1	Analytical Chemistry Group
CMB-8	Physical Chemistry and Metallurgy Group
CMB-11	Chemistry and Metallurgy Group
CMB-14	Irradiated Materials, Examination, and Handling Group
CMP	corrugated metal pipes
CMR	Chemistry and Metallurgy Research
CNC-4	Inorganic and Structural Chemistry Group (later INC-4)
CONCERT	Container Certification
CVD	chemical vapor deposition
D&D	Decontamination and Decommissioning
DAC	drum age criteria
DL	discard limit
DOE	U.S. Department of Energy
DOR	direct oxide reduction
DOT	U.S. Department of Transportation
DP	Delta Prime
DVRS	Decontamination and Volume Reduction System
EPA	U.S. Environmental Protection Agency
ER	electrorefining
FFTF	Fast Flux Test Facility
FGE	fissile gram equivalent
FIDLER	Field Instrument for the Detection of Low Energy Radiation
FRP	fiberglass-reinforced plywood
g	gram
GPHS	General Purpose Heat Source
GPS	Global Positioning System
H-1	Health Physics Group
HEPA	high-efficiency particulate air
HWN	hazardous waste number
IDC	Item Description Code
INC-4	Inorganic and Structural Chemistry Group (previously CNC-4)

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

kg	kilogram
LANL	Los Alamos National Laboratory
LANS	Los Alamos National Security
LASL	Los Alamos Scientific Laboratory
LES	Lincoln Experimental Satellite
LIG	Laboratory Implementation Guidance
LIRs	Laboratory Implementation Requirements
LLW	low-level waste
LMFBR	Liquid Metal Fast Breeder Reactor
LWD	Legacy Waste Disposition
LWRHU	Light Weight Radioisotope Heater Unit
m^3	cubic meter(s)
MDA	material disposal areas
MgO	magnesium oxide
MHW	Multi-Hundred Watt
MPL	metal preparation line
MSDS	materials safety data sheet
MT	Material Type
MWG	Milliwatt Generator
MWH	milliwatt heater
N	nitrogen
nCi/g	nanocuries per gram
NDA	nondestructive assay
ng/g	nanograms per gram
NMAC	New Mexico Administrative Code
NMT	Nuclear Materials Technology
NWPA	*Nuclear Waste Policy Act of 1982*
O	oxygen
PCB	polychlorinated biphenyl
pg/g	picograms per gram
PIC	Plutonia-Iridium Cermet
PMC	Plutonia Molybdenum Cermet
PN	property numbered
POC	pipe overpack container
PPE	personal protective equipment
PPO	pure plutonium oxide
P/S Code	Process/Status Code
psi	pounds per square inch
QA	Quality Assurance
R&D	research and development
RCRA	Resource Conservation and Recovery Act
RH	remote-handled
RSWD	Radioactive Solid Waste Disposal
RTR	real-time radiography

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

SNAP	Systems for Nuclear Auxiliary Power
SNM	special nuclear material
SNS	Space Nuclear Systems
SOP	standard operating procedures
SRF	Size Reduction Facility
SRL	Special Recovery Line
SRP	Savannah River Plant
SSC	solid solution cermet
SWB	standard waste box
TA	Technical Area
TRAMPAC	TRUPACT-II Authorized Methods for Payload Control
TRU	transuranic
TRUCON	TRUPACT-II Content Code
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage and Disposal Facility
TWCP	TRU Waste Certification Program
TWISP	Transuranic Waste Inspectable Storage Project
TWSR	TRU Waste Storage Record
UC	University of California
VE	visual examination
WCRR	Waste Characterization, Reduction, and Repackaging
WDS	Waste Data System
WIPP	Waste Isolation Pilot Plant
WIPP-WAC	*Contact Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (Reference 3)
WIPP-WAP	*Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan* (Reference 2)
WMP	waste material parameter
WPF	Waste Profile Form

1.0 EXECUTIVE SUMMARY

This acceptable knowledge (AK) summary report has been prepared for the Central Characterization Program (CCP) for contact-handled (CH) transuranic (TRU) waste generated at the Los Alamos National Laboratory (LANL) Technical Area (TA)-21 Delta Prime (DP) West Facility. This report was prepared in accordance with CCP-TP-005, *CCP Acceptable Knowledge Documentation* (Reference 1), to implement the AK requirements of the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan* (WIPP-WAP) (Reference 2) and the DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WIPP-WAC) (Reference 3).

The WIPP-WAP AK requirements are addressed in CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (Reference 4). The WIPP-WAC AK requirements are addressed in CCP-PO-002, *CCP Transuranic Waste Certification Plan* (Reference 10). Additionally, this report provides the AK information required by CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)* (CH-TRAMPAC) (Reference 12).

The CCP is tasked with certification of CH-TRU waste for transportation to, and disposal at, the Waste Isolation Pilot Plant (WIPP). This document was developed in accordance with CCP procedure CCP-TP-005 (Reference 1), which describes how AK is collected, reviewed, and managed by the CCP. The CCP is responsible for collection, review, and management of AK documentation in accordance with CCP-TP-005 and reviews and approves this AK Summary Report. CCP maintains responsibility for this AK Summary Report and all CCP-TP-005 generated forms and records as quality assurance (QA) records. In addition, CCP maintains a copy of the "historical source documents" as non-QA records.

This document, along with the referenced supporting documentation, provides a defensible and auditable record of AK for waste streams LA-MHD04.001 and LA-MSG04.001. The references and AK sources used to prepare this report are listed in Sections 8.0 and 9.0. The AK sources cited throughout this report are identified by an alphanumeric designation corresponding to a unique CCP Source Document Tracking Number (i.e., C001, D001, DR001, M001, P001, and U001).

This report presents the required characterization information for containers in the mixed heterogeneous debris waste stream LA-MHD04.001 and the mixed contaminated soil waste stream LA-MSG04.001 generated during routine and Decontamination and Decommissioning (D&D) operations in this facility. This AK Summary Report includes information relating to the facility's history, configuration, equipment, process operations, and waste management practices. Information contained in this report was obtained from numerous sources, including facility safety basis documentation, operating procedures, historical archived documents, interviews with cognizant personnel, material safety data sheets (MSDSs), and generator and storage facility waste records and databases.

This report and supporting source documentation, provide the mandatory waste program and waste stream-specific information required by the WIPP-WAP (Reference 2).

2.0 WASTE STREAM IDENTIFICATION SUMMARY

Site Where TRU Waste Was Generated:

Los Alamos National Laboratory
P.O. Box 1663
Los Alamos, New Mexico 87545

Facility Where TRU Waste Was Generated:

TA-21 (DP West Facility)

LANL U.S. Environmental Protection Agency (EPA) Hazardous Waste Generator Identification Number:

NM0890010515

Facility Mission:

The primary mission of LANL has been nuclear weapons research and development (R&D). LANL's current central mission is to enhance global security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health, and national security concerns. This mission supports disciplines that enable LANL to contribute to defense, civilian, and industrial needs, including the research, design, development, and analysis of nuclear weapons components; support to research programs in the national interest; energy and environmental research; and environmental management.

The TA-21 DP West Facility was established in 1945 as LANL's main plutonium facility, and became the first industrial plutonium processing facility in the U.S. and the world. Through its years of operation, DP West provided the capability to:

- Produce metal and alloys of plutonium and other transuranic elements from nitrate solution feedstock
- Fabricate these metals and alloys into precision shapes for defense applications
- Measure the chemical and physical properties of plutonium metals and alloys
- Recover and recycle plutonium scrap or materials used in experiments.

Starting in 1978, the DP West plutonium operations were transferred to the newly constructed TA-55 Plutonium Facility, and the DP West Plutonium Facility underwent an

extensive decontamination effort. The current TA-55 plutonium operations are similar to those originally carried out at TA-21. The mission to improve the capability to handle nuclear materials and to manufacture nuclear components, primarily in support of the Nation's defense needs, has remained unchanged. To achieve these mission objectives, hazardous and radioactive materials were utilized and generated.

The waste streams delineated in this report are presented in Sections 2.1 and 2.2.

2.1 Waste Stream LA-MHD04.001 (Heterogeneous Debris)

Summary Category Group: S5000 – Debris Waste

Waste Matrix Code Group: Heterogeneous Debris Waste

Waste Matrix Code: S5400

TRUPACT-II Content code (TRUCON): LA225*

*Real-time radiography (RTR) or visual examination (VE) will confirm the primary TRUCON code LA225; however, TRUCON codes LA154, LA215, LA216, LA217, LA218, LA219, LA223, and SQ154 may be used pending further evaluation by the Waste Certification Official of container-specific information.

Annual Transuranic Waste Inventory Report Identification Numbers (Reference 16): LA-TA-21-01, LA-TA-21-05 – LA-TA-21-09, LA-TA-21-12, LA-TA-21-17, LA-MHD04.001

Layers of Confinement: Maximum of six layers

Waste Stream Description:

Waste stream LA-MHD04.001 consists of mixed heterogeneous combustible and non-combustible debris generated during plutonium processing and associated operations.

Subcategories include plastic and cellulose-based combustibles and materials. The major components of the waste generated at TA-21 include paper, rags, plastic, rubber, wood-based high-efficiency particulate air (HEPA) filters, filter media, cardboard, wipes, paper towels, filter/grinding/transfer paper, stoppers, tubing, valves, bottles, containers, plastic sheeting, cotton gloves, cotton coveralls, coveralls, paper coveralls, plastic booties, tape, laboratory coats, nylon booties, polyvinyl chloride plastic, Plexiglas®, rubber-brass-steel supplied-air hoses, leather gloves, latex gloves, respiratory protection, hoses, hoods, various hand tools, ladders, and wood.

Non-combustible waste materials generated at the TA-21 DP West Facility consist of small tools, equipment, cans, pumps and motors, process equipment, gloveboxes and associated tunnels, holdup tanks, machine shop mill, lathe and press, glovebox windows, metal and stainless-steel ventilation ductwork, composite HEPA filters, metal pipes and valves, graphite, concrete, dust, fiberglass filter media, brass nuts, steel washers, stainless-steel mesh, steel supports, property numbered (PN) equipment, glassware, ladders, filter frames, titanium and steel experimental containers, tantalum molds, sintered glass frits, stainless-steel filters, anode heels, casting skulls, shielding, foil, lead solder, and crucibles.

Even though LANL waste management practices required the assignment of individual containers to a combustible or non-combustible population based on the predominant matrix type, the containers in this waste stream will contain varying amounts of these materials. In addition, this waste stream may contain smaller amounts (<50 percent by volume for each container) of homogeneous solids (e.g., absorbent materials, residues). Small amounts of liquids (e.g., cutting oil, lubricating oil, solvents) solidified in Ascarite, diatomaceous earth, vermiculite, Waste Lock 770, zeolite, or cement (e.g., Portland cement), may be present in this waste stream. Small amounts of solid process residues, such as ash from the thermal reduction of organic-based materials, salts (e.g., lithium chloride, potassium chloride, sodium chloride), hydroxide cake/filter materials, resin (e.g., polyvinyl pyridine), and leached residues (e.g., silica solids), may also contaminate this waste stream. Strippable coatings (e.g., as low as reasonably achievable [ALARA] 1146 and Sensor Coat) may be present in D&D generated containers.

The two predominant isotopes by mass for the waste stream LA-MHD04.001 are plutonium (Pu)-239 and Pu-238, respectively which is consistent with the expected isotopic composition of the Material Type (MT)-50 series and MT-83 (see Material Types in Section 4.3.2 below). Radiological characterization information is presented in Section 5.4.2.

The waste stream was determined to contain Resource Conservation and Recovery Act (RCRA) regulated constituents and is assigned the following EPA hazardous waste numbers (HWNs): D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, and F005. Refer to Section 5.4.3 for the waste stream chemical content evaluation.

Prohibited items are known to be present in the waste stream. Procedures allowed containers greater than four liters (sealed with tape) to be used for waste packaging before WIPP-approved procedures were implemented. Prohibited quantities of liquid including small vials containing liquids and some aerosol cans are also likely to be found. Refer to Section 5.4.5 for detailed waste stream prohibited items information.

Waste packaging procedures for LANL waste streams have been modified several times since the beginning of recovery operations, and containers in this waste stream include a variety of configurations with up to six layers of confinement. RTR or VE will confirm TRUCON code LA225. LA225 describes the broadest type of materials and bounds all waste packages in this waste stream. However, TRUCON codes LA215, LA216, LA217, LA218, LA219, and LA223 have been identified as suitable for individual containers in this

waste stream. These TRUCON codes may be assigned for the eventual certification and transportation of payload containers in this waste stream, pending further evaluation. LA154 or SQ154 may be used for high-wattage drums subject to the conditions and controls specified in Appendix 6.12 of the CH-TRAMPAC (Reference 12). Refer to Section 5.5 for detailed packaging information.

Waste stream LA-MHD04.001 meets the WIPP-WAP waste stream definition. The waste stream consists of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. This waste stream was generated during plutonium processing and associated operations (e.g., D&D) at the TA-21 DP West Facility. Refer to Section 4.3.5 for detailed waste stream delineation information.

2.2 Waste Stream LA-MSG04.001 (Contaminated Soil)

Summary Category Group: S4000 – Soil/Gravel

Waste Matrix Code Group: Soils

Waste Matrix Code: S4200

TRUPACT-II Content code (TRUCON): LA211*

*RTR will confirm the primary TRUCON code LA211; however, TRUCON code SQ211 may be used pending further evaluation by the Waste Certification Official of container-specific information.

Annual Transuranic Waste Inventory Report Identification Numbers (Reference 16): LA-MSG04.001

Layers of Confinement: Maximum of two layers

Waste Stream Description:

Waste stream LA-MSG04.001 consists of mixed contaminated soil generated at the TA-21 DP West Facility. The waste is comprised of dirt or soil, dust, sand, silt, rock, and gravel contaminated with TRU material. The waste stream may also include a small fraction of absorbent material used to absorb residual liquid such as vermiculite. Debris waste (mainly plastic packaging, blacktop, concrete, insulation, and piping) may also be present. Any payload container consisting of more than 50 percent by volume of debris will be excluded from this waste stream.

The two predominant isotopes by mass for the waste stream LA-MSG04.001 are U-238 and Pu-239, while 95 percent of the activity over the entire waste stream is from Pu-239. The radiological characterization information is presented in Section 6.4.2.

The waste stream contains RCRA-regulated constituents and is assigned the following EPA HWNs: D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, and F005. Refer to Section 6.4.3 for the waste stream chemical content evaluation.
Based on the review of container documentation and documented waste management practices, no prohibited items are specifically identified in the waste stream. However, the presence of liquids due to dewatering is possible. In addition, procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until LANL WIPP-approved procedures were implemented. Waste packages containing prohibited items identified during characterization activities will be segregated then dispositioned appropriately and/or repackaged to remove the items prior to certification and shipment. Refer to Section 6.4.5 for detailed waste stream prohibited items information.

Waste packaging procedures for LANL waste streams have been modified several times since the beginning of operations in the TA-21 DP West Facility. The containers in this waste stream can include up to two layers of confinement. RTR will confirm TRUCON code LA211. However, TRUCON code SQ211 has been identified as suitable for individual containers in this waste stream. This TRUCON code may be assigned for the eventual certification and transportation of payload containers in this waste stream pending further evaluation. Refer to Section 6.5 for detailed packaging information.

Waste stream LA-MSG04.001 meets the WIPP-WAP waste stream definition. The waste stream consists of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. This waste stream was generated during the removal of contaminated soil during D&D and associated operations (e.g., sampling operations) at the TA-21 DP West Facility. Refer to Section 4.3.5 for detailed waste stream delineation information.

3.0 ACCEPTABLE KNOWLEDGE DATA AND INFORMATION

TRU waste destined for disposal at the WIPP must be characterized prior to shipment. The WIPP-WAP (Reference 2) requires the development of knowledge of the materials and processes that generate and control the waste to provide a clear and convincing argument about the characteristics of each waste stream. The AK characterization documented herein complies with the requirements of the WIPP-WAP (Reference 2) and was developed in accordance with CCP-PO-001 (Reference 4), and CCP-TP-005 (Reference 1).

The references and AK sources used to prepare this report are listed in Section 8.0 and 9.0, respectively. The AK sources referenced within this report by alphanumeric designations (e.g., C001, D001, DR001, M001, P001, and U001) correspond to the Source Document Tracking Number using the following convention:

- C – Correspondence
- D – Documents
- DR – Discrepancy Resolution
- M – Miscellaneous
- P – Procedures
- U – Unpublished

4.0 REQUIRED PROGRAM INFORMATION

This section presents the waste management program information required by the WIPP-WAP (Reference 2). Included is a brief description of the operational history of the TA-21 DP West Facility, summaries of the missions, descriptions of TRU waste generating operations, and descriptions of LANL's waste management program as it relates to these waste streams. Attachment 1 of CCP-TP-005 (Reference 1) provides a list of TRU waste management program information required to be developed as part of the AK record.

4.1 Facility Location

LANL is located in Los Alamos County in north-central New Mexico, approximately 60 miles north-northeast of Albuquerque and 25 miles northwest of Santa Fe. The LANL site encompasses 43 square miles subdivided into 49 TAs. Figure 1, Location of Technical Areas, is a map identifying the location of the TAs at the site (References 19, D058, and D060).

4.2 LANL Operational History

In 1942, the U.S. Army Manhattan Engineering District established Project Y to develop the first atomic bomb. The research quickly progressed to a point that required a remote site for experimental work, and the Army selected the Los Alamos Ranch School for Boys as an appropriate location. The Undersecretary of War directed acquisition of the school site, which consisted of a group of approximately 50 log buildings on a 790-acre site northwest of Santa Fe. The project ultimately acquired an additional 3,120 privately owned acres and 45,666 acres of public land managed by the U.S. Forest Service. In 1943, this land became known as the Los Alamos Site, later as the Los Alamos Scientific Laboratory (LASL). It is now named the Los Alamos National Laboratory (LANL) (References 19, D022, D058, and D060).

With the end of World War II and the growth of international competition, a national policy of maintaining superiority in the field of atomic energy was established. Congress chose to sustain the Los Alamos site; the U.S. Atomic Energy Commission (AEC) received control of LANL from the Army and renewed the operating contract with University of California (UC). During subsequent years, LANL continued to expand at a steady rate, first under the AEC and later under the Energy Research and Development Administration. Since 1978, LANL has operated under the control of the U.S. Department of Energy (DOE). The UC operated LANL for the federal government until 2006. In 2006, a consortium of Bechtel, UC, BWX Technologies, and URS Energy and Construction (URS acquired Washington Group International in 2007) formed Los Alamos National Security LLC (LANS) to operate LANL (References 19, D022, D058, and D060).

4.2.1 LANL Site Mission

Since its inception, the primary mission of LANL has been nuclear weapons R&D. LANL's current mission supports disciplines that enable LANL to contribute to defense, civilian, and

industrial needs. Included in this mission are the research, design, development, and analysis of nuclear weapons components; support to research programs in the national interest; energy and environmental research; and environmental management. In achieving mission objectives, LANL used, and continues to use, hazardous and radioactive materials. Solid waste containing TRU contamination has been generated as a result of plutonium R&D operations, processing and recovery operations, maintenance, and D&D projects (References 19, D022, D058, and D060).

4.2.2 TA-21 DP West Facility Description and Mission

DP West Historical Significance

During World War II, LANL (formerly known as LASL until 1980) was established for the research, development, and testing of nuclear weapons. In order to achieve this goal, research was required to establish the chemical and metallurgical properties of the nuclear material necessary to achieve and sustain nuclear fission. LANL's Chemistry Division (created in 1943) had responsibility for purifying the plutonium received from other production facilities (References D059 and U001).

In September of 1945, plutonium processing operations transferred from the D-Building to the newly built TA-21, also known as "DP Site," located to the east of downtown Los Alamos on a spur of Townsite Mesa known as DP Mesa. The DP Site at TA-21 is one of LANL's earliest nuclear chemistry research areas. With its origins during the wartime Manhattan Project, the complex of laboratory and support facilities was the location of R&D operations directly related to the production and testing of the earliest Cold War atomic devices. Since 1945, work conducted at DP Site has supported fundamental plutonium, uranium, and initiator R&D that was critically important to the U.S. nuclear weapons program during the Cold War (References D059 and U001).

TA-21 consists of two main areas, as shown on the map in Figure 2, TA-21 Facility Map. The western area, historically dedicated to plutonium operations, is known as "DP West". The smaller, easternmost group of buildings is known as "DP East". The DP East facilities were used to process polonium and actinium for nuclear weapons components. In 1964, research in high-temperature and actinide chemistry was initiated. Presently, building TA-21-155 houses the Tritium Systems Test Assembly for developing technology for handling and processing deuterium and tritium fuels for use in fusion reactors. No retrievable TRU waste has been generated by DP East operations (References D008, D010, and D059).

DP West was the first industrial plutonium processing facility in the U.S. and the world. Prototype methods were developed for production-scale plutonium processing and, over the years, these methods were refined as the facility shifted its focus to R&D. When originally constructed in 1945, the DP West Facility provided capability to (References D008, D016, and D035):

- produce metal and alloys of plutonium and other TRU elements from nitrate solution feed stock provided by other production facilities

- measure the chemical and physical properties of these metals and alloys
- fabricate plutonium metal into precision shapes
- provide and install protective claddings
- recycle scrap and materials used in experiments rather than discard them.

The production of plutonium metal and alloys from the nitrate solution feedstock involved several acid dissolution and chemical precipitation steps to separate the plutonium and other actinides, such as uranium, from the feedstock. The separation techniques used a wide range of chemicals. In conjunction with improving purification techniques, research was conducted to enhance recovery of the scrap and residues produced (Reference D059).

Before 1979, Pu-239 metal handling and scrap recovery operations were located at DP West. Other operations included basic plutonium chemistry research, americium processing, fuels fabrication for the Liquid Metal Fast Breeder Reactor (LMFBR), and developmental work using Pu-238 as an energy source for Space Nuclear Application Systems and the artificial heart (Reference D005).

Starting in 1978, the DP West plutonium operations were transferred to the newly constructed TA-55 Plutonium Facility, and the DP West Plutonium Facility has undergone several D&D efforts (see Section 4.4.8) (References D008, D035, M008, P036, and P037).

DP West Structures

A facility map for DP West is shown in Figure 3, DP West Building Map. Table 1, Summary of TA-21 DP West Buildings, is a list of the DP West Facility buildings with their corresponding operations and the former operating division or group. The primary divisions or groups included the Analytical Chemistry Group (Chemistry and Metallurgy-Baker Division [CMB]-1), the Physical Chemistry and Metallurgy Group (CMB-8), the Chemistry and Metallurgy Group (CMB-11), the Irradiated Materials, Examination, and Handling Group (CMB-14), and the Inorganic and Structural Chemistry Group (CNC-4, later INC-4). A historical building assessment for the DOE Conveyance and Transfer Project was conducted at TA-21 in 1998-1999, and identified several buildings at DP West that are eligible for the National Register of Historic Places (References D008 and D059).

The original 1945 DP West Facility structures consisted of four warehouses that were connected by enclosed corridors: Buildings 2 (TA-21-2), 3 (TA-21-3), 4 (TA-21-4), and 5 (TA-21-5). In 1952, a liquid waste treatment plant was constructed at Building 35 (TA-21-35), and subsequently replaced by the new treatment plant, Building 257 (TA-21-257), in 1967. The original waste treatment plant was decommissioned in 1968. In 1963, a plutonium fuels development facility, Building 150 (TA-21-150), was constructed just east of Building 5 to support plutonium fuels development (References D008, D035, and D059).

Table 1. Summary of TA-21 DP West Buildings

TA-21 Building	Operation(s)	Tenant(s)
Building 2	Plutonium recovery facility Plutonium and americium recovery operations	CMB-11
Building 3 North	Inorganic and structural chemistry research	CNC-4/INC-4
Building 3 South	Enriched Uranium Processing Facility	CMB-8
Building 3 South, Room 308	Pu-238 and Pu-239 research and development	CMB-11
Building 4 North, Rooms 401, 402	Irradiated materials non-destructive examination and handling	CMB-1 CMB-14
Building 4 North, Rooms 401E and 406	Pu-238 heat source production; Pu-238 and Pu-239 research and development; U-233 metal production	CMB-11
Building 4 North	Actinide research	INC-4
Building 4 South	Enriched Uranium Processing Facility	CMB-8
Building 5	Plutonium metal fabrication facility	CMB-11
Building 5, Room 506	Electrorefining facility	CMB-11
Building 21	Nuclear materials vault/bunker	CMB-11
Building 150	Plutonium fuels development facility	CMB-11
	Inorganic and structural chemistry research	INC-4
Building 257	Industrial liquid waste treatment facility	(Various)
Building 286	Storage for equipment and materials; plutonium solutions, scrap, and residues storage vault	CMB-11

Note: DP West buildings and structures that did not house plutonium operations (e.g., support structures) are not listed.

4.2.3 Defense Waste Assessment

The WIPP-WAC (Reference 3) requires generator sites to use AK to determine if the TRU waste streams to be disposed of at WIPP meet the definition of TRU defense waste. TRU waste is eligible for disposal at WIPP if it has been generated in whole or part by one of the atomic energy defense activities listed in Section 10101(3) of the *Nuclear Waste Policy Act of 1982* (NWPA) (Reference 5). Based on the review of AK, TRU wastes generated by TA-21 operations are contaminated with materials from atomic energy defense activities conducted in the facility for the following functions (Reference D059):

- Defense nuclear materials production
- Defense nuclear waste and materials by-products management
- Defense R&D.

The mission of DP West operations was in direct support of LANL's core mission of nuclear weapons R&D. DP West plutonium operations were focused on the extraction and recovery of plutonium from residues and scraps generated from operations at various LANL facilities and other DOE sites in the defense complex. This recovery process, associated maintenance operations, limited manufacture of finished parts from purified plutonium, and plutonium research are the sources of defense-related TRU waste. The following subsections discuss both non-defense and defense related DP West operations and how wastes from these operations were commingled (Reference D059).

Commingling of Defense and Non-Defense Related Wastes

The work conducted in Building 150 was exclusively on the Space Heat Source Program and the Reactor Fuels Program; however, no single waste container in the DP West inventory can be identified as having originated in Building 150. Most of the DP West TRU waste containers have either Building 2 or Building 286 as their point of generation. Building 2 was where recovery and waste management operations, including packaging, labeling, and documenting for retrievable storage, were conducted. Building 286 housed the nuclear material vault where scrap and residues were temporarily stored. Waste containers originating from Building 2 or Building 286 cannot be associated with any particular operation. Therefore, non-defense related wastes could not be identified by evaluation of the generating building assigned by the waste generator (References D059, M011, and M012).

Further, non-defense related wastes could not be identified by evaluation of the isotopic composition of the radionuclide contamination. All the plutonium-handling gloveboxes in Building 150 were interconnected by a single conveyor system. Because there was no physical barrier to segregate Pu-238 and Pu-239 operations and both materials were transported in the same conveyor bucket, there was cross-contamination of the two isotopic material types. The choice for disposal of a waste item into a specific waste container could as easily have been made on the basis of convenience as on the basis of what isotopic material was designated for that container. Thus, one material type will usually dominate any given waste container, but the different isotopic materials will be commingled in every container. Thus, Pu-238 is commingled in every container of waste from Building 150, even if the generator declared only Pu-239 on the waste package documentation. Similarly, fuel-grade MT 54 was used exclusively for the Fast Flux Test Facility (FFTF) fuel fabrication work, but it is undoubtedly commingled with weapons-grade MT 52 because both MTs were processed in Building 2 (References C001 and D059).

Work with Pu-238 materials was also conducted in Buildings 3, 4, and 5, as well as Building 150. Pu-238 contaminated waste from Buildings 3, 4, and 5 was commingled with defense-related waste generated in the same gloveboxes. For example, tasks conducted in Room 406 in Building 4 North during the 1970's included (References D013 and D059):

- Conversion of Pu-238 metal to oxygen (O)-16 oxide, nitrogen (N)-14 nitride, and N-15 nitride

- Particle size analysis of Pu-238 and Pu-239 oxides
- Preparation of Pu-238 nitrate solutions from the oxide
- Preparation of Pu-238 plutonia and plutonia-thoria cermet disks with molybdenum
- Pu-238 nitrate ion-exchange purification
- Pu-239 compound thermodynamic property investigations
- Development of a rotary calciner for ash treatment
- Preparation of U-233 and Pu-238 metal.

Work for the Reactor Fuels Program involved the use of plutonium MT-54. R&D work on properties of MT-54 was conducted in Buildings 3 and 4, and the resulting waste became commingled with Pu-239 waste from defense program work conducted in the same gloveboxes. MT-54 contaminated waste was also generated from the Hanford Ash Program, which had as its objective the production of driver fuel for the LMFBR program at Hanford (i.e., the FFTF reactor). During its 10 years of operation (1982-1992), the FFTF supported a variety of experiments associated with industrial, nuclear energy (domestic and international), nuclear defense, and medical research and development. Several projects were identified having defense applications, including a series of tests to evaluate tritium production by the irradiation of lithium oxide targets. The Multiple Isotope Production project generated physics data on Pu-238 isotope production and also demonstrated the capability of the FFTF to produce more than 20 other isotopes for defense, medical, and industrial programs. The recovery of Hanford Ash MT-54 contaminated waste was performed in Building 2. Consequently, LANL considers these commingled wastes to be defense-related wastes (References 22, C002, and C022).

Defense Am-241 was processed at DP West for commercial applications. Am-241 was separated from formerly stockpiled defense-related material, and from the Hanford Ash material, and subsequently purified. The purified Am-241 obtained from the defense-related source materials was sold to a company making well-logging sources and smoke detectors. Am-241 research operations were located in Building 3, and Am-241 recovery operations were conducted in Building 2 South. Consequently, americium and plutonium contaminated wastes are commingled (References C002 and D008).

Defense Applications of DP West R&D

Although the Space Heat Source Program had only non-defense program funding, R&D operations were conducted under the program that were later employed in national defense applications. The funding for the Space Heat Source Program came from the Space Nuclear Systems (SNS) Division of the AEC. All of the feed material Pu-238 oxide used in those programs was produced at the Savannah River Plant in the K Reactor, a defense

program reactor. While the direct funding source, SNS, was a non-defense program entity, the efforts of the Space Heat Program at DP West supported defense program activities in at least the following three areas (References C001, C003, D014, D032, D049, and D050):

- The TRANSIT navigational satellite was produced as a forerunner of modern Global Positioning System (GPS) technology to provide support for both the national defense mission of the U.S. naval fleet and commercial oceanic shipping. The Pu-238 fuel that powered the communications and signal of TRANSIT started as a plutonium oxide/thorium oxide/molybdenum solid solution cermet (SSC). In the course of the R&D activity at DP West, it evolved into a plutonium oxide/molybdenum cermet. LANL performed the R&D on the fuel form and made prototype fuel disks that went into the satellite prior to transferring the bulk of the production effort to the Mound Laboratory.

- LANL operations for the Multi-Hundred Watt (MHW) program included development of the sintered 100-watt sphere of pure plutonium oxide (PPO). Multiple spheres could be placed into a system to meet the desired power requirements for that system. This fuel form was utilized for the Lincoln Experimental Satellite (LES) defense program LES-8 and LES-9 satellites. Mound Laboratory was chosen to perform the production of the PPO spheres, but because they encountered difficulties in producing them, a significant portion of that effort was done at the DP West Facility.

- At the request of the DOE Albuquerque Operations Office (ALOO), DP West developed and produced a number of milliwatt heater (MWH) units that were used in defense applications to keep sensitive items warm in cold environments. These heater units were a precursor to the Milliwatt Generator (MWG) Program using the sintered Pu-238 oxide fuel form.

Thus the LANL Space Heat Source Program not only provided R&D results that were directly applied to military applications at both LANL and other AEC sites, but also used Pu-238 derived from a defense reactor to produce heat source materials that were incorporated into those applications. There were no possible distinctions between operations and materials that supported the non-defense space program and the similar requirements of some defense programs that benefited simultaneously. All of the Pu-238 feed materials were processed through the same gloveboxes and equipment, and the Pu-238 wastes were thoroughly commingled (References C001 and C003).

Therefore, wastes included in this report were commingled and managed as defense TRU waste generated "in part" by or contaminated with materials from atomic energy defense activities. Since segregation of the wastes is not feasible, these waste streams are eligible for disposal at the WIPP facility (References 6, 7, 8, 19, C009, C021, D020, D025, D026, D027, and D029).

4.2.4 Spent Nuclear Fuel and High-Level Waste Assessment

Public Law 102-579, *The Waste Isolation Pilot Plant Land Withdrawal Act* (Reference 21), prohibits the disposal of spent nuclear fuel and high-level waste as defined by the NWPA (Reference 5) at WIPP. According to the NWPA, spent nuclear fuel is "fuel that has been withdrawn from a nuclear reactor following irradiation, the constituent elements of which have not been separated by reprocessing." DOE Order 435.1, *Radioactive Waste Management* (Reference 20) expands on this definition to clarify that "Test specimens of fissionable material irradiated for research and development only, and not production of power or plutonium, may be classified as waste, and managed in accordance with the requirements of this Order when it is technically infeasible, cost prohibitive, or would increase worker exposure to separate the remaining test specimens from other contaminated material." High-level waste is defined by the NWPA as "the highly radioactive material resulting from the reprocessing of spent nuclear fuel, including liquid waste produced directly in reprocessing and any solid material derived from such liquid waste that contains fission products in sufficient concentrations, and other highly radioactive material that the Commission, consistent with existing law, determines by rule requires permanent isolation." These waste streams consist of waste contaminated with radioactive material primarily from plutonium processing and associated operations (e.g., D&D). These operations did not involve separation or reprocessing of constituent elements from reactor fuel. These waste streams do not contain irradiated fuel elements withdrawn from a reactor or pieces thereof. Therefore, the wastes are not a spent nuclear fuel, not high-level waste, not historically managed as high-level waste, and are eligible for disposal at WIPP as TRU waste (References 5, 19, D058, D059, and D060).

4.3 TRU Waste Management

The wastes resulting from past operations at the DP West Facility are, in many cases, the same as wastes generated at the TA-55 Plutonium Facility. The number of AK source documents relating to TA-21 DP West, and the level of detail in these documents, is less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the discussion of TA-21 operations in this report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in the TA-55 Plutonium Facility. For this reason, TA-55 operations are also discussed in this section, where appropriate (Reference D059).

Historically (i.e., the period 1970 to 1987, prior to the implementation of the LANL TRU waste certification plan [Reference D026]), wastes from all TRU waste-generating operations at LANL were handled and packaged in accordance with the Los Alamos Scientific Laboratory Health, Safety and Environment Manual (Reference D062). Waste management practices for radioactive waste initially followed U.S. AEC requirements (AEC Manual: Chapter 0511, *Radioactive Waste Management* [Reference 13]) and later DOE Orders 5820.1, *Management of Transuranic Contaminated Material* and 5820.2, *Radioactive Waste Management* (References 6 and 7). TRU waste management at DP West in the period 1970-1978 was governed by the AEC requirements (Reference D001).

In 1970, the AEC issued a directive (Immediate Action Directive No. 0511-21) specifying that solid waste contaminated with U-233 and its daughter products, plutonium, and other transuranium radionuclides, to levels greater than ten nanocuries per gram (nCi/g), must be stored in such a way that it could eventually be retrieved for characterization, certification, and shipment to an undesignated disposal facility. The TRU wastes were to be segregated from other radioactively contaminated solid waste, with combustible and non-combustible waste packaged separately. At that time, LANL began segregating low-level waste (LLW) from TRU waste and dedicating specific areas within Area G at TA-54 for management of these wastes. LANL also implemented a retrievability limit of 100 nCi/g for Pu-238 materials (References D001, D002, and D055).

LANL began using waste identification systems for TRU waste in January 1971. Radioactive Solid Waste Disposal (RSWD) codes were an alpha numeric code, a letter "A" followed by two digits, and categorized TRU waste forms generated by the various on-site facilities. Use of the RSWD codes was discontinued in 1992. TRU waste generators were required to complete the RSWD form, which includes the RSWD waste identification code and information about the radionuclide content. The generator assigned the RSWD code that was representative of the dominant matrix in the container (References 19 and D059).

In addition to the RSWD codes, which provide information about the physical form, matrix, and/or chemical nature of waste, LANL employs MT designations to describe the relative isotopic composition of radioactive contamination. The designated MT is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex. The most common MTs present in DP West waste are those for weapons grade plutonium (MT-52), reactor grade plutonium (MT-54), and heat source plutonium (MT-83) (Reference D059).

Individual plutonium processing operations at the TA-55 Plutonium Facility are assigned a unique identifier called a P/S (Process/Status) code for the purpose of nuclear material accounting. The Process/Status code (P/S code) system of waste material tracking was not introduced until 1987; consequently, there are no P/S codes associated with the DP West waste. The P/S code refers to a specific part of an operation within the overall process, and can be associated with most waste items generated after 1987 and all items generated after 1995. The P/S codes provide the finest level of detail available to associate waste items with a specific operation of origin. Therefore, the P/S code system is used extensively in the description and documentation of AK information for RCRA and for chemical constituents for the plutonium contaminated waste (References 19 and D059).

The major contributor to waste streams at DP West was the plutonium recovery operation. Because of the scarcity of plutonium, much emphasis was placed on recovery of this material from process waste streams. Thus, recovery and recycling were common practices. The process waste consisted of both solid and liquid wastes produced in the research and production operations. These waste streams were generally contaminated with both radioactive and chemical constituents. Process wastes, including TRU wastes, from the 1940s until the late 1970s, were largely disposed of at five material disposal areas (MDAs) located at TA-21, known as MDAs A, B, T, U, and V (Reference D059).

Solid Waste Management

Solid waste from DP West typically originated from inside gloveboxes or hoods and rooms or areas containing the TRU process facilities. Discard limits (DLs) for plutonium in the various types of waste matrices were established by the waste-generating group, and approved by the LANL division office and the DOE ALOO. For the time period of DP West operations, the DL for materials other than process solids was typically 0.5 grams (g) of plutonium per kilogram (kg) of waste (0.5 g/kg). Process-generated residues were usually considered to be recoverable (i.e., contaminated above the DL), while the glovebox-generated debris waste generally contained TRU activity that was less than the DL. It was assumed that room-generated residues contained trace quantities of radionuclides that were less than DL levels, unless it was generated by work on a contaminated system (References D002, D055, and D059).

Solid TRU waste management operations at DP West, including sorting, logging, and packaging, were conducted in Building 2, the Plutonium Recovery Facility. In the Metal Fabrication area, housed in Building 5, process-generated materials from all operations were transferred through a conveyor system to one glovebox line for disposal. Material was removed from the glovebox by standard bag-out procedures and transferred to the recovery area in Building 2 for assay with a neutron coincidence counter. Similarly, all the plutonium-handling gloveboxes in Building 150 were interconnected by a single conveyor system. Buildings 2, 3, and 4 did not have conveyor systems; in these buildings, waste materials were bagged out from each glovebox line. The glovebox in-line drums at this time were 30-gallon drums, usually cardboard, which were sometimes placed in metal garbage cans for transfer to Building 2. Small amounts of solid process residues, such as ash from the thermal reduction of organic-based materials, salts (e.g., lithium chloride, potassium chloride, sodium chloride), hydroxide cake/filter materials, resin (e.g., polyvinyl pyridine), and leached residues (e.g., silica solids), below the DL were typically disposed of with the debris waste (References C005 and D059).

The 30-gallon drums and/or metal waste cans were taken to Building 2, where the waste materials were sorted and assayed. Based on the neutron assay, if the material had recoverable quantities of plutonium (i.e., greater than the DL), it was transferred to recovery operations. Materials that were below the DL were packaged and managed as retrievable TRU waste. In the period 1970–1978, the retrievable TRU waste levels were greater than or equal to 10 nCi/g of TRU activity (greater than or equal to 100 nCi/g for Pu-238 materials). The designation of waste as low-level or TRU was based not only on assay results, but also on an administrative basis. Waste from the gloveboxes, or rooms containing the TRU process facilities, was usually designated to be TRU (References D002 and D059).

Room-generated materials were referred to as room trash because it was assumed that this material contained much lower contamination levels than the process-generated materials. These wastes were packaged in polyethylene bags placed in 0.06 cubic meters (m^3) cardboard boxes that, in turn, were placed inside 30-gallon drums with flame-retardant lids. At Building 2, the cardboard boxes were removed from the drums and transferred to

the scrap recovery room for neutron assay. The scrap recovery room housed a hood/glovebox system with a Field Instrument for the Detection of Low Energy Radiation (FIDLER). A pancake counter capable of detecting 1- to 10-nCi/g activities was used. After calibration, waste was sorted by MT into 500 to 1000 g packages. Packages measuring >10 nCi/g were managed as retrievably stored TRU, and those packages measuring <10 nCi/g were disposed of as LLW (References D002 and D059).

In general, solid process wastes were either buried on site or shipped to Area G for retrievable storage. Burial of solid wastes at TA-21 was done in two disposal pits at MDAs A and B, with the majority of the waste being buried prior to 1948. However, solid waste disposal at TA-21 was done until 1978 in these disposal pits. In general, these pits were used for items that contained plutonium and uranium that could not be reprocessed or recycled (References D010 and D059).

Industrial Liquid Waste Management

Industrial liquid wastes were discharged on site into absorption beds at the MDAs until 1952, when a liquid waste treatment facility, Building 35, was built. Building 35 was constructed as a facility for treatment and disposal of contaminated liquid waste from the plutonium and uranium processing facilities at DP West. In 1967, liquid waste treatment operations were transferred to a newly built waste treatment facility, Building 257. The routine liquid waste treatment process was based on absorption and coprecipitation of plutonium with ferric hydroxide to produce sludge. From 1968 to 1976, liquid wastes and sludge were mixed with cement (e.g., Portland cement) and pumped into shafts at MDA T. From 1975 to 1983, some of the liquid TRU wastes were mixed with cement and pumped into long corrugated metal pipes (CMPs). Initially the CMPs were stored in a retrievable storage pit at MDA T. The CMPs were retrieved by 1986 and relocated to Area G at TA-54 for retrievable storage (References D010, D035, and D059).

Liquid wastes that had plutonium concentrations less than the DL, but that did not meet the waste acceptance criteria for the TA-50 Radioactive Liquid Waste Treatment Facility, were sent to Building 257 for cement fixation on a batch basis. However, small amounts of cemented waste may also be disposed of with the debris waste. Only solutions were sent to the waste treatment facility; no solid residues were managed at Building 257 (References C005, D055, and D059).

4.3.1 Present Day TRU Waste Management Practices

Newly generated waste containers (repackaged waste) are currently being managed in accordance with LANL's radioactive waste management program. The LANL radioactive waste management program follows DOE Order 435.1, *Radioactive Waste Management* (Reference 20). LANL waste management requirements applicable to TRU mixed and non-mixed waste are addressed in three Laboratory Implementation Requirements (LIRs), as follows (References 19 and D060):

- General Waste Management Requirements (Reference P015)

- Managing Radioactive Waste (Reference P016)
- Hazardous and Mixed Waste Requirements (Reference P017)

The LANL waste analysis plan for storage of TRU mixed waste is contained in Attachment A.2 to the LANL Hazardous Waste Permit (Reference D080).

TRU waste generators at LANL are required to complete forms that document the physical, chemical, and hazardous nature of waste and provide substantial AK information. LANL has used a Waste Profile Form (WPF) system since May 1991. Waste generators must complete a WPF for waste-stream specific information. This form documents the process that generated the waste, the location of waste generation, the physical form of the waste, the RCRA-regulated constituents present, and the radionuclides present. Guidance to generators for completion of the WPF is given in the Laboratory Implementation Guidance (LIG) document *Waste Profile Form Guidance* (References 19, D058, D060, D081, P019, and P020).

Generators must provide new WPFs when a process change results in a change in waste composition or when a new waste is generated. For routinely generated waste (i.e., routine operations waste), the WPF must be re-evaluated annually to ensure the information is current and correct. The WPF includes the Land Disposal Restrictions notification, which further documents the RCRA-regulated nature of waste. Specific information that is requested on the WPF includes point of generation, method of characterization, waste categories and descriptions, presence of toxic metals and an estimate of concentration, presence of organic compounds and an estimate of concentration, identification of RCRA listed hazardous constituents, identification of RCRA hazardous characteristics (i.e., ignitability, corrosivity, reactivity, toxicity), and identification of the radiological characteristics of the waste. The information on the WPF must be certified as complete and accurate, as evidenced by the signature of the waste generator (References 19, D058, D060, D081, P019, and P020).

Waste generation information for individual TRU waste containers is required to be documented on the TRU Waste Storage Record (TWSR). The TWSR is reviewed and approved in accordance with *Review and Completion of the TWSR* (Reference P018) and is not approved unless the waste is associated with a valid, active WPF. The TWSR documents the type of packaging, generating organization, radionuclide, and hazardous material content of the waste, dose rates, TRUCON code, and storage site information (e.g., building number, location, date of receipt). Guidance to generators for completion of the TWSR is provided in LIG document *Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)*. The TWSR form is completed in the Nuclear Materials Technology (NMT) Division Waste Management System database and reviewed by facility and NMT Waste Management operations electronically. For wastes that violate the Area G waste acceptance criteria for packaging, weight, or materials, a Waste Acceptance Criteria Exception Form must be completed to request an exception (References 19, D060, P019, and P020).

4.3.2 TRU Waste Identification and Categorization

Several waste identification and categorization conventions have been used as part of waste management operations for TRU mixed waste generated at LANL. The waste identification system used for a particular waste container depends largely upon the date of placement into storage. Specific waste identification conventions at LANL include the assignment of RSWD codes, Item Description Codes (IDCs), nuclear MT, P/S codes, and TRUCON codes to containers of TRU waste. It should be noted that not all of the LANL waste identification conventions apply to the waste streams addressed in this report (References 19 and D059).

Radioactive Solid Waste Disposal Codes

RSWD codes were first used at LANL in January 1971, and were discontinued in 1992. The RSWD codes are a two-digit code preceded by the letter "A." The RSWD codes were used at LANL and categorize TRU waste forms generated by the various on-site facilities. The RSWD codes associated with waste in waste streams LA-MHD04.001 and LA-MSG04.001 are defined in Table 2, RSWD Code Descriptions (References D058, D059, M008, M009, M011, M012, and M020).

Table 2. RSWD Code Descriptions

RSWD Code	Definition	Waste Stream
A10	Graphite Solids	LA-MHD04.001
A15	Cellulosics, Paper, Wood, etc.	LA-MHD04.001
A16	Plastics	LA-MHD04.001
A17	Rubber Material	LA-MHD04.001
A18	Combustible Lab Trash	LA-MHD04.001
A19	Combined Combustible/Non-Combustible Lab Trash	LA-MHD04.001
A30	Property Number Equipment	LA-MHD04.001
A31	Non-Property Number Equipment	LA-MHD04.001
A36	Noncombustible Building Debris	LA-MHD04.001
A46	Skull and Oxide	LA-MHD04.001
A50	Metal, Crucibles, Scrap, Dies	LA-MHD04.001
A52	Scrap Metal	LA-MHD04.001
A55	Filter Media	LA-MHD04.001

Table 2. RSWD Code Descriptions (Continued)

RSWD Code	Definition	Waste Stream
A56	Filter Media Residue	LA-MHD04.001
A60	Other Combustibles	LA-MHD04.001
A80	Irradiation Sources	LA-MHD04.001
A85	Firing Point Residues	LA-MHD04.001
A61	Other Non-combustibles	LA-MHD04.001
A90	Radioactively-Contaminated Soil	LA-MSG04.001
A95	Glass	LA-MHD04.001
A99	Items Needing Special Tracking (CST -7 use only)	LA-MHD04.001

IDCs

IDCs were first used at LANL in July 1984, and discontinued in 1992. Since IDCs were used after most of the waste from TA-21 was generated, only one IDC was identified for the waste streams addressed in this report. The IDCs generally consist of a three-digit number representing the most general descriptions of TRU waste. The single IDC associated with waste stream LA-MHD04.001 only is IDC 005 (noncombustible scrap) (References D060, M011, M012, and M013).

TRUCON Codes

TRUCON codes were first used at LANL in October 1992, and are presently in use. The system of TRUCON codes was developed by the DOE to provide a consistent waste description for TRU waste generated throughout all of DOE's facilities. The TRUCON codes are intended to assist DOE in establishing the characteristics of TRU waste to be certified for transportation to WIPP. LANL TRUCON codes consist of a three-digit number preceded by the letters "LA" and followed by a single character suffix that further defines the waste type, source, and/or packaging configuration. The TRUCON codes associated with the waste streams addressed in this report are described in Sections 5.5 and 6.5 (References 8, 19, D058, D060, M011, M012, M013, M020, and M021).

Material Types

In addition to the TRUCON codes and RSWD codes, which provide information about the physical form, matrix, and chemical nature of waste, LANL assigns MT designators to describe the relative isotopic composition of radioactive contamination. The designated MT is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex. The most common MTs present in LANL TRU waste are weapons-grade plutonium (MT-51 and -52); fuel-grade plutonium (MT-53 and -54); reactor-grade plutonium (MT-55 through -57); enriched Pu-242 (MT-42); and heat-source plutonium (MT-83) (References 19, D058, D059, and D060).

4.3.3 LANL Treatment, Storage and Disposal Facilities (TSDFs) for TRU Waste

LANL's inventory of TRU waste destined for disposal at WIPP is stored at TA-54, Area G, which has been in operation since 1957. TRU waste management at Area G includes container storage, container venting, decontamination and volume reduction, and below ground waste retrieval operations (References D010, D036, D058, D059, and D060). In the late 1970s, facilities throughout the DOE complex recognized the need to upgrade the retrievability of TRU waste. As a result, LANL constructed three asphalt storage pads for TRU and TRU mixed waste storage at Area G, referred to as Storage Pads 1, 2, and 4. The waste containers were configured in densely packed arrays and subsequently covered with earth to provide protection from weather and be consistent with DOE's principle of maintaining exposure ALARA (References 19 and D060).

The Transuranic Waste Inspectable Storage Project (TWISP) was initiated in 1997 to retrieve waste from earthen covered storage at Area G and place the waste in an inspectable configuration in above ground storage domes. Retrieved containers were vented and fitted with filters; thus, the completion date of the TWISP (December 31, 2001) can be used to establish the drum age criteria (DAC) if RTR verifies that the drum liner lid, if present, has been punctured. The TWISP was executed in three campaigns. The first, Pad 1, began in March 1997 and was completed in November 1998. The second campaign, Pad 4, was completed in December 1999, and the third campaign, Pad 2, was completed in December 2001 (References 19, D058, and D060).

Waste containers that fail to meet WIPP criteria are sent to the TA-50 Waste Characterization, Reduction, and Repackaging (WCRR) Project; the TA-54 Building 412 facility formerly known as the Decontamination and Volume Reduction System (DVRS) facility; the TA-54 Dome 231 Permacon; or TA-54 Dome 375 TRU Oversized Waste Processing Capability Project, also referred to as the Box Line Process, to be safely remediated. The WCRR Facility was established in 1979 as the Size Reduction Facility (SRF) to size-reduce non-routine waste items, such as decommissioned gloveboxes. In 1993, the name of the SRF was changed to the WCRR Facility to reflect the expanded remediation/repackaging mission. Size reduction operations at the WCRR Facility were discontinued around 1997. The TA-54 Building 412 facility performs sorting, segregating, size reduction, and repackaging operations on waste containers that contain WIPP nonconforming items and safely processes oversized containers (e.g., fiberglass-reinforced plywood [FRP] waste boxes). The TA-54 Dome 231 Permacon was established in 2006, and this facility also performs TRU waste remediation/repackaging. The TA-54 Dome 375 Box Line Process performs the same basic functions as TA-54 Building 412 facility. Figure 1 identifies the general location of these facilities (References C030, C031, C036, D028, D058, D060, D071, P010, P011, P012, P021, P029, P030, P032, P033, and P034).

4.3.4 Types and Quantity of TRU Waste Generated

Waste stream LA-MHD04.001 consists of combustible and non-combustible debris waste contained in 552 30-gallon drums (62.6 m^3), 1,802 55-gallon drums (378.4 m^3), 14 85-gallon drums (4.5 m^3), 1 110-gallon drum (0.4 m^3), 16 Standard Waste Boxes (SWBs) (28.8 m^3), 171 Crates (1,458 m^3), and 39 other containers (approximately 159.8 m^3, the volume may change after repackaging), totaling approximately 2,093 m^3 (References C028, C032, C037, M008, M009, M011, M012, M013, and M021).

Waste stream LA-MSG04.001 consists of contaminated soil waste contained in 48 55-gallon drums (10.1 m^3), 19 SWBs (35.7 m^3), and 15 Crates (38.4 m^3), the volume may change after repackaging, totaling approximately 84.2 m^3 (References C033, C037, M004, M009, and M020).

Each payload container shipped to the WIPP will be certified in accordance with CCP-PO-002 (Reference 10), as containing more than 100 nCi/g of alpha emitting isotopes with half-lives greater than 20 years. Overpacking of waste containers for the purposes of payload management, as described in Appendix E of the WIPP-WAC (Reference 3), will not be implemented for these waste streams.

4.3.5 Correlation of Waste Streams Generated from the Same Building and Process

The WIPP-WAP defines a waste stream as waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity (Reference 2). Based on a review of AK documentation, all of the containers assigned to waste stream LA-MHD04.001 and LA-MSG04.001 were originally generated from or contaminated by plutonium processing and associated recovery and purification, metal production, pyrochemistry, metal fabrication, R&D, and D&D operations. Container-specific records have been reviewed for each container in order to verify the physical composition and origin of the waste inventories. It has been determined that every container included in the most current AK Tracking Spreadsheet was generated from the operations described in Section 4.4 of this report. In addition, each of these waste streams have been categorized into a single Waste Matrix Code (as described in Sections 5.4.1 and 6.4.1) and have been classified entirely as TRU mixed waste (as described in Sections 5.4.3 and 6.4.3). The following subsections provide further basis for the waste stream delineations (References C033, D058, D059, D060, M003, M004, M008, and M020).

Evaluation of Debris Containers

This report is focused on the DP West operations that fall under the categories of both Pu-239 and Pu-238 processing. Debris wastes generated by specific plutonium operations within these broad categories were not segregated for packaging and disposal (see Section 4.2.3); therefore, the DP West debris waste is not more finely delineated by individual operations. A significant amount of waste was generated by the decontamination project that took place at DP West from 1978 until 1996. These wastes are categorized as

D&D and D&D-derived wastes and they contain the same radiological and chemical contaminants as plutonium processing wastes (References D059, D067, and D070).

It should be noted that LANL waste management programs have historically attempted to segregate generated debris into waste streams based on chemical, radiological, and physical matrix (combustible and non-combustible) composition. Even though the identification of combustibles and non-combustibles containers was initiated in 1974, segregation of these materials was incomplete and resulted in varying amounts of different physical waste matrices in the same container. However, these materials were generated from the same process operations and contain the same chemical and radiological contaminants. Furthermore, waste packages from all areas of the facility were typically collected in drums at central accumulation areas (i.e., the waste was commingled). For these reasons, LANL waste management practices have resulted in incomplete segregation to the extent that delineation of more than one debris waste stream is not supported by the available AK (References 19, D059, M003, M008, M011, M012, and M021).

As stated above, waste items from different areas or operations were frequently combined into a single container. LANL's waste management practice has also been to handle and package all debris and homogeneous waste in a similar fashion. As a result, debris waste containers often include minor quantities of homogeneous solids (less than 50 percent by volume). Homogeneous waste containers are still generated in other LANL facilities, although infrequently. Characterization activities of TA-55 generated homogeneous solids have discovered that a substantial amount of the containers include more than 50 percent by volume of heterogeneous debris. This is due, in part, to the packaging configuration associated with small quantities of homogeneous solids. Homogeneous solids are primarily generated from operations performed in gloveboxes. The waste material may be packaged into a plastic bag, a stainless-steel dressing jar, a slip-top can, and/or an unsealed metal container before it is placed into a plastic bag-out bag. Homogeneous solids can also include debris materials, such as small pieces of plastic and precipitated metal fines. Based on this information, LANL generated homogeneous solids, except for cemented and absorbed waste, have been reassigned to waste stream LA-MHD04.001. It is expected that some number of these containers will fail RTR or VE for containing greater than 50 percent homogeneous solid waste. These containers will be segregated from the debris waste stream and assigned to the appropriate homogeneous waste stream, when available (References 19, D058, D059, D060, and DR003).

Evaluation of Soil Containers

As previously discussed, much of this report is focused on the DP West operations that fall under the categories of both Pu-239 and Pu-238 processing. The soil waste described in this report could have been contaminated with liquids and/or residues from any of the plutonium processing operations described in Section 4.4. The contaminated soil waste was generated during D&D and associated operations (e.g., sampling operations). Available AK indicates the contaminated soil originated from spills and/or the removal of acid wells and lines, tunnels below buildings, MDAs, tank systems, and various locations

immediately surrounding the DP West buildings. LANL's TRU Program historically assigned waste stream number MSG01-DD to contaminated soil from the TA-21 DP West Facility (References C033, D006, D008, D058, D060, D069, M003, M004, M020, P036, and P037).

Based on the rationale above, waste streams LA-MHD04.001 and LA-MSG04.001 meet the WIPP-WAP waste stream definition (Reference 2).

4.4 Description of Waste Generating Processes

Plutonium processing operations in the time period 1970 to 1978 included recovery and purification, metal production, pyrochemistry, metal fabrication, and R&D. Americium research and recovery operations were also carried out at TA-21 DP West, which became the world's center for research on americium (References D008 and D059).

The plutonium facilities were located at TA-21 DP West in Buildings 2, 3, 4, 5, and 150. The primary tenant of the DP West Facility was CMB-11. During calendar year 1978, the plutonium operations and materials were relocated from TA-21 to the newly constructed Plutonium Facility at TA-55. The plutonium operations formerly conducted at DP West in 1978 were the basis for operations at the new TA-55 Plutonium Facility. The wastes resulting from past operations at the DP West Facility are the same as certain wastes generated at the TA-55 Plutonium Facility. The number of AK source documents relating to TA-21 DP West, and the level of detail in these documents, is less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the discussion of TA-21 operations in this report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in the TA-55 Plutonium Facility (References C007, D033, and D059).

Unlike plutonium operations at the TA-55 Plutonium Facility, the system of P/S codes was not in use during operations at the TA-21 DP West Facility. The search and compilation of AK information for TA-55 operations is based on P/S codes, because that is the greatest level of detail recorded in waste generator records. A corresponding level of detail is not available in the AK record for TA-21 DP West TRU wastes. Standard operating procedures (SOPs) were not in general usage at the DP West Facility and are not available for the DP West operations. It was not until operations were relocated to TA-55 that a concerted effort was made to prepare SOPs (References C007 and D059).

Detailed AK information for TA-55 operations is compiled in a set of closely related reports about TRU waste generating operations at the Plutonium Facility. For convenience in organizing the AK, plutonium processing and recovery has been categorized into seven operational areas. The multiple operations in each area are described in detail in the following AK operations reports:

- *Acceptable Knowledge Report for Chloride Operations at LANL* (Reference D036)
- *Acceptable Knowledge Report for Metal Operations at LANL* (Reference D037)

- *Acceptable Knowledge Report for Miscellaneous Operations at LANL* (Reference D038)
- *Acceptable Knowledge Report for Nitrate Operations at LANL* (Reference D039)
- *Acceptable Knowledge Report for Pyrochemical Operations at LANL* (Reference D040)
- *Acceptable Knowledge Report for Special Processing Operations at LANL* (Reference D041)
- *Process Acceptable Knowledge Report for Plutonium-238 Operations at TA-55* (Reference D007)

The plutonium processing and recovery AK operations reports include descriptions of feed materials, chemical inputs, and radionuclide material, and detailed process flow diagrams that indicate the TA-55 P/S codes associated with each of the various sub-processes. As discussed in Section 4.3, the P/S code system of waste material tracking was not introduced until 1987; consequently, there are no P/S codes associated with the DP West waste. However, in the descriptions of DP West operations presented in this report, the correlation between DP West and P/S codes associated with early TA-55 plutonium operations is emphasized (References 19, D059, and M001).

The following sections discuss the major categories of plutonium operations at the DP West Facility and operations performed at TA-50 and TA-54:

- Plutonium recovery operations
- Pyrochemical operations
- Metal operations
- Pu-239 fuel programs
- Americium processing operations
- Pu-238 processing
- Miscellaneous and special processing
- D&D operations
- Waste repackaging and prohibited item disposition
- Below-grade retrieval project.

Table 3, TA-21 DP West Facility Plutonium Operations, is a summary of the DP West plutonium operations, and a correlation of the DP West operations with the corresponding TA-55 operations, as applicable (References D059 and M001).

Table 3. TA-21 DP West Facility Plutonium Operations

TA-21 DP West Operation	Location	Corresponding P/S Code(s)		Corresponding TA-55 Report
Recovery Operations – Pretreatment				
Conversion of Plutonium metal to oxide	Building 2	BM	Burning Metal	Nitrate
		BU	Button Burning	Nitrate
		PA	Passivation	Nitrate
		PAF	Passivation Furnaces	Nitrate
		BF	(Unknown name)	Nitrate
Conversion of Plutonium alloy to oxide	Building 2	BU	Button Burning	Nitrate
		BM	Burning Metal	Nitrate
Incineration of combustible residues	Building 2	IS	Incineration	Nitrate
Incineration of graphite residues	Building 2	None	N/A	N/A
Calcination	Building 2	HC	Calcination	Nitrate
Calcination of oxalate precipitate	Building 2	CC	Calcination	Nitrate
		DF	DS (Dissolver Solution) Furnace and Oxide	Nitrate
Ash Grinding	Building 2	PTS	RD&D Pretreatment Study	Nitrate
Oil Recovery	Building 2	RO	Oil Recovery	Nitrate
Recovery Operations – Dissolution				
Metal Dissolver	Building 2	AS	Anode Heel Dissolution	Nitrate
Dissolution of Plutonium Alloys	Building 2	None	N/A	N/A
Dissolution of Plutonium Hydroxide	Building 2	CD	Hydroxide Cake Dissolution	Nitrate
		HCD	Hydroxide Cake Dissolution	Nitrate
		HD	Hydroxide Cake Dissolution	Nitrate
Dissolution of Plutonium Oxide	Building 2	OD	Oxide Dissolution	Nitrate
Noncombustible Residues Processing:	Building 2	N/A		
Leaching – Miscellaneous Noncombustible Solids	Building 2	NC, NL	Noncombustible Leach	Nitrate
Leaching of Incinerator Ash	Building 2	AL	Ash Leach	Nitrate
		AT	Ash Testing	Nitrate

Table 3. TA-21 DP West Facility Plutonium Operations (Continued)

TA-21 DP West Operation	Location	Corresponding P/S Code(s)		Corresponding TA-55 Report
Processing Silica Solids (Hydrofluorination)	Building 2	None	N/A	N/A
Processing Acid Insoluble Residues (Fusion)	Building 2	None	N/A	N/A
Processing Graphite Molds	Building 2	RC	Rotary Calciner	Nitrate
Pickling – Non-combustibles	Building 5	PK	Pickling	Pyrochemical
Slag and Crucible Dissolver	Building 2	CL	Crucible Processing	Nitrate
		ML	Non Plutonium Metal Leach	Nitrate
Caustic Dissolver – Chloride Residues and Electrorefining Salt Dissolution	Building 2	COD	Chlorinated Oxide Dissolution	Nitrate
		VP3	Hydroxide Precipitation	Nitrate
		COL	Chlorinated Oxide Leach	Nitrate
		MB	Nitric Dissolution of Molten Salts	Chloride
Evaporator (R&D)	Building 2	EV	Evaporator	Nitrate
Canning	Building 2	FC	Canning	Nitrate
Plutonium-Uranium Oxide Dissolution	Building 2	LG1	Noncombustible Leach	Nitrate
		UPS	Uranium Plutonium Separation	Nitrate
		US	Uranium Separation for Solid Solution Feed	Nitrate
		US2	Uranium Separation for Non-Solid Solution Feed	Nitrate
Equilibration Tanks – organics compatible with nitric acid	Building 2	None	N/A	N/A
Dissolution of Plutonium Casting Skulls	Building 2	OD	Oxide Dissolution	Nitrate
Plutonium-Thorium Alloy Dissolution as the Oxide	Building 2	PT	Plutonium Thorium Separation	Nitrate

Table 3. TA-21 DP West Facility Plutonium Operations (Continued)

TA-21 DP West Operation	Location	Corresponding P/S Code(s)		Corresponding TA-55 Report
Plutonium Oxide Dissolution	Building 2	OD	Oxide Dissolution	Nitrate
		SSD	Special Scrap Dissolution	Nitrate
		VC	Variable CSMO Scrap Dissolution	Nitrate
		ZD	Scrap Oxide Dissolution	Nitrate
Caustic Dissolver	Building 2	CLS	Accountable CLS Chloride Solutions	Chloride
		CW	Caustic Waste	Chloride
Metal Dissolver (Plutonium-Thorium Separation)	Building 2	CX	Chloride Anion-Exchange	Chloride
Recovery Operations – Purification				
Nitrate Ion-Exchange	Building 2	DS	Ion-Exchange	Nitrate
		LR	Lean Residue Ion-Exchange	Nitrate
		RCM	Rich Column Material Ion-Exchange	Nitrate
		RFX	Rich Feed Ion-Exchange	Nitrate
		RR	Ion-Exchange	Nitrate
Hydroxide Precipitation	Building 2	OH	Hydroxide Precipitation	Nitrate
Oxalate Precipitation	Building 2	OY	Oxalate Precipitation	Nitrate
		LC	Uranium/Plutonium Processing	Nitrate
Peroxide Precipitation	Building 2	PR	Peroxide Precipitation	Nitrate
Plutonium/Thorium Separation	Building 2	PT	Plutonium Thorium Separation	Nitrate
Pyrochemical Operations				
Metal Preparation Line	Building 5	MP	Metal Preparation	Pyrochemical
Electrorefining	Building 5	ER	Electrorefining	Pyrochemical
Direct Oxide Reduction (R&D)	Building 5	OR	Direct Oxide Reduction	Pyrochemical
Metal Operations				
Alloy Development	Building 5	DA	Alloy Development	Metal
Assembly Operation	Building 5	AO	Assembly Operations	Metal
Casting	Building 5	CA	Casting	Metal
Inspection	Building 5	IN	Inspection	Metal

Table 3. TA-21 DP West Facility Plutonium Operations (Continued)

TA-21 DP West Operation	Location	Corresponding P/S Code(s)		Corresponding TA-55 Report
Machining	Building 5	MA	Machining	Metal
Metal Working	Building 5	MW	Metal Working	Metal
Physical Properties	Building 5	BC	Physical Properties	Metal
Pit Disassembly	Building 5	PD	Pit Disassembly	Metal
Special Recovery Line	Building 5	SRL	Special Recovery Line	Metal
Welding	Building 5	WE	Welding	Metal
Welding Leak Test	Building 5	WLT	Welding Leak Test	Metal
Pu-239 Fuels Operations				
Ceramic Grade Plutonium Oxide Production	Building 150	CC	Calcination	Nitrate
		FC	Canning	Nitrate
		OD	Oxide Dissolution	Nitrate
		OY	Oxalate Precipitation	Nitrate
		PA	Passivation	Nitrate
		PR	Peroxide Precipitation	Nitrate
Advanced Fuels Fabrication	Building 150	CO	Comminution	Metal
		OB	Oxide Blending	Metal
		RS	Pellet Sintering	Metal
Advanced Fuels Pellet Preparation	Building 150	GI	Pellet Grinding and Inspecting	Metal
Advanced Fuels - Fuel Element Fabrication	TA-35	EL	Element Loading	Metal
Advanced Fuels Pellet Analysis	Building 150	GI	Pellet Grinding and Inspecting	Metal
		ID	Immersion Density	Metal
Americium Processing				
Americium Oxide Production	Building 2	AO	Americium Processing Calcination	Nitrate
		AP	Americium Purification	Nitrate
		FA	Americium Processing	Nitrate
		OH	Hydroxide Precipitation	Nitrate
		OY	Oxalate Precipitation	Nitrate
Americium Hydroxide Precipitation	Building 2	OH	Hydroxide Precipitation	Nitrate
		SX	Americium Processing Silicon Removal	Nitrate
		PPD	Plutonium Pellet Dissolution	Special Processing
		PR	Peroxide Precipitation	Nitrate

Table 3. TA-21 DP West Facility Plutonium Operations (Continued)

TA-21 DP West Operation	Location	Corresponding P/S Code(s)		Corresponding TA-55 Report
Pu-238 Heat Source Fabrication				
PIC, PMC, PPO, and SSC Fuel Forms SNAP and Artificial Heart Program	Buildings 3, 4, 5, and 150	GPHS	General Purpose Heat Source	Pu-238
		C1	Pu-238 Heat Source Calorimetry	Pu-238
		P1	Routine Pu-238 Heat Source	Pu-238
		PP	Pellet Production	Pu-238
		WD	Welding and Decon for GPHS	Pu-238
		WS	Pu-238 Direct Oxide Reduction	Pu-238
Miscellaneous and Special Processes				
Development of New Recovery Processes	All Buildings	AD	Actinide Processing Demonstration	Miscellaneous
Metallography	Building 150	ME	Metallography	Miscellaneous
Preparation of Isotopes	Building 5	PI	Preparation of Isotopes	Special Processing
Decontamination and Decommissioning (D&D) Operations				
Decontamination and Decommissioning	All Buildings	None	N/A	N/A

4.4.1 Plutonium Recovery Operations

Manufacturing and research operations performed at DP West in the production of plutonium products generated plutonium-contaminated scrap and residues. These residues were processed to recover as much plutonium as was practical. The DP West Facility had extensive capabilities for the extraction and recovery of plutonium from residues and scraps generated from operations at various LANL facilities and other DOE sites. These recovery and manufacturing operations, associated maintenance operations, and plutonium research were the major sources of TRU waste generated at DP West (References D002 and D042).

The primary document upon which the AK information for plutonium recovery operations at DP West is based is *Plutonium Processing at the Los Alamos Scientific Laboratory*, which was authored by Christensen and Maraman in 1968. Although the document predates by two years the time period of interest for the retrievably stored TRU waste inventory, the operations described in the 1968 document are representative of the operations conducted between 1970 and 1978 (References D042 and D059).

A process flow diagram for the plutonium recovery operations that were conducted in Building 2 in 1968, taken from the Christensen and Maraman document (Reference D042), is included in Figure 4, DP West Plutonium Recovery Operations Circa 1968. A more detailed process flow diagram taken from the 1975 document, *Characterization of Transuranic Solid Wastes from a Plutonium Processing Facility* (Reference D002), is shown in Figure 5, DP West Plutonium Recovery Operations Circa 1975. The process flow diagram in Figure 6, TA-55 Plutonium Recovery Operations Circa 1979, is taken from the 1979 *LANL Waste Management Site Plan* (Reference D033) and represents the plutonium recovery operations in place at the startup of the new TA-55 Plutonium Facility. A comparison of the TA-21 and TA-55 process diagrams shows that the operations were largely identical with two exceptions. An evaporator process intended to re-concentrate plutonium in liquid residues was put into production when recovery operations were relocated at TA-55, and liquid waste from TA-55 was discharged to the TA-50 Radioactive Liquid Waste Treatment Facility (Reference C011).

The overall goal of the plutonium recovery operations was to recover plutonium from metal, metal alloys, scrap, and residues and produce a purified plutonium nitrate solution that was compatible with the operations used in the preparation of plutonium metal. The DP West plutonium recovery operations can be subdivided into pretreatment, dissolution, and purification operations, and are analogous to operations described in *Acceptable Knowledge Report for Nitrate Operations at LANL*. Each of these process categories is described in the following sections (References D039 and D042).

Pretreatment

Pretreatment primarily included physical methods used to prepare scrap and residues for the next step, dissolution. Pretreatment may have included any or all of the following operations: thermal conversion to oxide, calcination, caustic leaching, chemical separation by hydroxide or oxalate precipitation, size reduction, grinding, shredding, distillation, filtering of liquids or oils, and incineration. As materials were received from various operations within DP West, they were sorted and sent to other pretreatment operations or directly to dissolution, depending on the physical nature of the scrap or residue and on the amount and type of plutonium associated with the material. Graphite items were size reduced; gloves, plastics, and some heating mantles were shredded (References D002, D011, D042, D053, D056, and D059).

In overview, particulate solids from the pretreatment step were sent to dissolution if plutonium concentrations were above the DL and to disposal if concentrations were below the DL. Liquids were sent to purification if plutonium concentrations were above the DL or to the Building 257 wastewater treatment facility if concentrations were below the DL (Reference D059).

Pretreatment of Noncombustible Residues

Thermal pretreatment operations were frequently used to prepare plutonium-bearing materials for dissolution. Due to the pyrophoric nature of plutonium metal and certain alloys, procedures were developed for converting the metal and its alloys

to the oxide, which could then be safely handled in any atmosphere. Finely divided plutonium metal, anode heels from electrorefining (ER) operations, oxides that may contain unoxidized plutonium metal, carbides, and nitrides that can be very reactive in an oxidizing acid were burned in a furnace under a controlled atmosphere to passivate the material and moderate its reactivity. Usually the ignition was performed in magnesium oxide (MgO) or aluminum oxide crucibles. If the ignition temperature did not exceed 600 °C, the resulting oxide could be readily dissolved by refluxing with nitric and hydrofluoric acid solutions (References D043 and D059).

A caustic (hydroxide) leach process was used to pretreat residues high in chlorides. Chlorides were removed using sodium hydroxide and the treated residues were then dissolved in nitric and hydrofluoric acid. In this case, the caustic solution would be sent to liquid waste disposal at Building 257, and the filtered solids would continue through the dissolution process (Reference D059).

Plutonium oxalate cakes from the oxalate precipitation process (OY) underwent calcination (CC) by heating in air in a furnace to form pure plutonium oxide. The oxide became feed for the oxide reduction process (References D043 and D059).

Pretreatment of Combustible Residues

A process flow diagram for the incineration operation at DP West is shown in Figure 7, DP West Incineration Process Flow Diagram. Development work was started in 1951 on the design of an incinerator for TA-21 combustible residues, including paper, rags, wood, emery paper, rubber gloves, graphite, and plastics. The incinerator was first used in 1952 for contaminated rags. The procedure for the operation of the incinerator allowed 12 liters of dry rags to be processed in about two hours, yielding 100 to 150 ml of ashes. The incinerator off-gas scrub and the vacuum seal solutions were filtered after every three to five runs and analyzed for plutonium content to determine if the solutions should be recycled or discarded (References D002, D043, and D059).

Several problems were encountered in the incineration operation. Certain rubber and plastic items burned incompletely and led to the buildup of combustible tar on the exhaust lines and filters. Incineration of polyvinyl chloride bags led to increased corrosion due to the release of chloride, which formed hydrochloric acid whenever it came in contact with water. Consequently, the incineration of plastic and rubber items was severely restricted to only those pieces that monitoring indicated still contained appreciable quantities of plutonium after leaching with nitric acid (References D002, D043, and D059).

The incineration of rags that had been in contact with nitric acid and then allowed to stand was also problematic. The rags would become nitrated, and small nitrocellulose explosions would result when these were burned. The problem was mitigated by requiring that all cotton rags be rinsed with water immediately after being in contact with nitric acid (References D042 and D059).

The ashes were collected after each run and reduced in a ball mill to less than 20-mesh particles. The ashes were sampled for plutonium content, and subjected to an acid leach

or processed in a dissolver if the plutonium content was greater than the DL. The resulting nitrate solution was purified by anion-exchange (see Purification section below) (Reference D059).

Pretreatment of Oils

Plutonium-contaminated lubricating, machining, lapping, and cutting oils were transferred to Building 2 for recovery in glass jars. The oils were directly filtered through a sintered glass frit to remove plutonium metal or oxide particles. Trichloroethylene was used to reduce the viscosity of oils during the filtration step. The liquid portion was sent to Building 257 for treatment (References D042 and D059).

Dissolution

Dissolution was comprised of numerous operations that generated a plutonium-nitrate solution for subsequent feed to a purification process. Numerous dissolution procedures were developed during the early years of LANL. By the 1960s, these had been narrowed to only a few for production purposes. The primary mode of dissolution involved nitric acid, hydrofluoric acid leach solutions, with the addition of other chemicals for particular dissolution operations. The plutonium-bearing nitric and hydrofluoric acid solutions resulting from dissolutions proved to be excellent feed stocks for follow-up processing operations. In overview, filtered solids from the dissolution step were re-leached until plutonium concentrations were below the DL, then sent to disposal; debris items were disposed of after the plutonium contamination was removed from the surface by leaching; plutonium-bearing solutions were sent on to purification or to the metal preparation line (References D042 and D059).

Several dissolution operations involved the use of cascading dissolvers (CD) or dissolution pots (HCD, HD, and OD). The choice of dissolution equipment was based on the concentration of plutonium present in the feed material and the physical form of the feed material. The equipment for the batch extraction system consisted of large-diameter equilibration tanks equipped with stirrers for equilibration and settling. Feed materials included ash, glovebox sweepings, ground slag or crucibles, hydroxides, metal, oxides, residues, salts, and sand. Metal dissolvers (AS) were used for the dissolution of plutonium metal by nitric and hydrofluoric acid using vessels made by adding a ground glass ball joint to a standard 5-liter round bottom flask. Hydrochloric acid solutions, chloride residues, and organics not compatible with nitric acid were often sent to the caustic dissolver (CLS and CW). After dissolution, the solutions were filtered and then sent to purification. The filtered solids were sent to other dissolution operations if plutonium concentrations were above the DL, or disposed as debris waste if concentrations were below the DL (References D033, D043, and D059).

Surface Decontamination

Plutonium on the surface of metal and non-combustible debris waste items was recovered by leaching or dipping the waste item into a nitric acid leach solution. Items such as tantalum molds and crucibles, sintered glass frits, stainless-steel filters, and aluminum oxide crucibles were generally cleaned of plutonium by refluxing with nitric and hydrofluoric acid solutions. The acid solution was filtered, and the items were rinsed with water or dilute nitric acid. Rubber gloves were wiped with a cloth soaked in a nitric acid solution to recover surface contamination of plutonium. The cloths were dunked in water a few times and wrung out; the solutions from the cloths were collected and filtered. The solids were recycled through the dissolution process if plutonium concentrations were above the DL, or disposed as waste if concentrations were below the DL. The plutonium-bearing solutions were sent to purification. The cloths were reused if they were not falling apart; otherwise, they were discarded as solid waste or sent to incineration, depending on the nuclear material content. Plutonium-bearing solutions were sent to purification, while the leached items below the DL were discarded (References D042 and D059).

Pickling

Pickling, leaching with a strong acid (either nitric acid or hydrochloric acid), was typically a head-end operation for treatment of noncombustible items. Hydrochloric acid pickling solutions underwent nitric acid acidification. The plutonium-bearing nitrate pickling solution was then transferred to anion-exchange (References D042 and D059).

Plutonium Metal and Alloys

Many plutonium-bearing materials were dissolved in a standard leach solution of nitric and hydrofluoric acid after appropriate pretreatment or preparation. These materials included alloys, anodes, carbides, casting skulls, ER residues, and metals. After dissolution and filtration, solids were discarded if below the DL or recycled if above the DL, while solutions were sent to purification. These solutions could be expected to contain dissolved heavy metals (e.g., lead, cadmium, mercury, or chromium) that may be concentrated in the purification steps (References D042 and D059).

Dissolution methods for plutonium alloys of chromium, copper, gallium, hafnium, indium, iron, manganese, thorium, titanium, uranium, and zirconium were developed at DP West. The alloying element(s) determined the purification method that followed dissolution. Anion-exchange in nitrate media followed most dissolutions because of the high selectivity for (the sorption of) nitrate complexes of tetravalent actinides (References D042 and D059).

Plutonium-aluminum alloys containing greater than ten percent aluminum were dissolved with nitric acid using mercuric nitrate as a catalyst. In subsequent nitrate anion-exchange, the mercuric nitrate was quantitatively removed into column washes where it was then concentrated by hydroxide scavenging. Plutonium-osmium alloys were dissolved using nitric and hydrofluoric acid with helium sparging in order to drive off volatile osmium tetraoxide (References D042 and D059).

Uranium-plutonium oxide mixtures were leached using nitric acid to preferentially dissolve the uranium. Aluminum nitrate was added to the solution to complex any fluoride ion that might be present. The uranium-bearing filtrate was discarded, and the plutonium-bearing solids were sent to dissolution and then to either an anion-exchange process or the oxalate precipitation process for purification (References D042 and D059).

Plutonium oxide

The ease with which plutonium oxide can be dissolved depends on the temperature at which the oxide was formed or to which it was subsequently heated. Oxides that had been heated to less than 600 °C were generally relatively easy to dissolve in a nitric and hydrofluoric acid solution. Oxides heated to temperatures between 600 °C and 1000 °C had refractory properties that required more stringent measures. The dried oxide residue was mixed with a potassium pyrosulfate and sodium fluoride flux, which was then heated to 550 °C. The cooled melt was removed from the fusion vessel, and heated with a nitric acid and aluminum nitrate solution. The solution was filtered and sent to the appropriate purification step, depending on what types of cations were present (References D042 and D059).

Graphite

Graphite melt and mold crucibles that had been coated with calcium fluoride to reduce plutonium penetration contained only surface contamination and could be directly leached with nitric and hydrofluoric acid solution. Graphite used for filtering aqueous solutions and uncoated melt and mold crucibles were incinerated, and the ashes were subsequently leached with nitric and hydrofluoric acid solution (References D042 and D059).

Silica Solids

Silica entered the process stream from dissolution of magnesium oxide crucibles in which silicon oxide was used a binder, and due to leaching of silica from glass equipment. Acid-leached silica residues were dried and treated in hydrofluorination furnaces. Gaseous hydrogen fluoride was introduced into the reaction chamber and reacted with the silicon dioxide to form the volatile silicon tetrafluoride gas. The gaseous reaction products were swept out of the chamber through a caustic scrubber. The reaction residues were leached with a nitric acid and aluminum nitrate solution. All leach and scrub solutions that contained more than one mg/L of plutonium were transferred to the anion-exchange system. The leached residues were treated, as described, for acid insoluble residues (References D042 and D059).

Acid Insoluble Residues

Acid insoluble residues include refractory oxides and residues for which leaching was uneconomical or infeasible. Examples include incinerator ashes, aluminum oxide tubes and crucibles, and carborundum solids. These residues were treated by fusion with a mixture of potassium pyrosulfate and sodium fluoride in Hastelloy "C" fusion crucibles. The

resulting melt was dissolved in a nitric acid and aluminum nitrate solution; the fluoride anion was tightly complexed by the added aluminum. The filtrate was purified by anion-exchange (References D042 and D059).

Incinerator Ashes

Incinerator ashes from burning of combustible residues were processed on a batch basis. The procedure consisted of a dilute nitric acid leach to remove the more soluble residues, a water leach to remove the nitric acid, hydrofluorination to the remove silica solids, and, finally, a fusion with potassium pyrosulfate and sodium fluoride to remove the remaining plutonium (References D042 and D059).

Electrorefining Chloride Melts

Due to their high chloride content, ER chloride melts required special handling to prevent corrosion of the stainless-steel equipment. The preferred method of dissolution was to leach the chloride melt with sodium hydroxide, thus dissolving the chloride salts of sodium, potassium, and lithium, and precipitating the plutonium as the hydroxide. The filtrate, if less than 1 mg/L in plutonium, can be discarded, thus disposing of the corrosive chloride ion (References D042 and D059).

Reduction and Casting Residues

Bomb reduction residues from plutonium metal preparation consist of the MgO packing sand, the reduction slag, and the MgO crucible serving as the liner for the reduction bomb. The residues were treated in geometrically favorable dissolvers. Slag and crucible material to be dissolved was loaded into a screened bucket and lowered to the bottom of the dissolver. Nitric acid and aluminum nitrate solution was added to dissolve the MgO sand, and then air was sparged through the solution to aid in the oxidation of iodide to free iodine (iodine was added as a booster in the bomb reduction procedure). The free iodine was carried through sodium hydroxide scrubbers. Further addition of nitric acid and heating was required to dissolve the MgO crucible material. The solution was filtered and sent to nitrate anion-exchange. The leached residues were transferred to the hydrofluorination system for removal of silica (References D042 and D059).

Casting residues were treated in the same manner as the reduction residues, using a modified procedure because no iodine was present in these residues. The MgO-2 percent silicon dioxide casting crucibles do not contain fluoride; therefore, the addition of aluminum nitrate was not required (References D042 and D059).

Purification

Plutonium-bearing solutions generated in the dissolution step were sent to purification for plutonium recovery. Purification consisted of both ion-exchange and precipitation. After ion-exchange and/or dissolution of precipitates in nitric acid, plutonium-bearing nitrate solutions were sent to the metal fabrication line (References D042 and D059).

Plutonium Hydroxide Precipitation

The hydroxide precipitation process (OH) took plutonium in filtrate solutions from the purification steps and precipitated it with potassium or sodium hydroxide. The resulting plutonium-enriched hydroxide cakes became feed material for other operations or were returned to the dissolution step for re-processing. Heavy metals were known to concentrate in the plutonium-rich hydroxide cakes (Reference D042).

Plutonium Peroxide Precipitation

A peroxide precipitation process (PR) was used to achieve excellent separation of plutonium from the cationic impurities aluminum, bismuth, calcium, cesium, chromium, cobalt, iron, lanthanum, and magnesium, as well as americium. Peroxide was added to the dissolution filtrate feed material to convert the plutonium to valence state (+4). The resulting peroxide filter cake was dissolved in nitric acid and the solution was sent to the metal preparation line for conversion to metal (References D042 and D059).

The filtrate solution from the peroxide precipitation had to be treated immediately after filtration to destroy the excess peroxide (the "peroxide kill" process). The preferred method was to slowly add the filtrate to sodium hydroxide. The resulting solution was cooled and then acidified with nitric acid to completely dissolve the hydroxides and provide a clear solution for the anion-exchange process (References D042 and D059).

Plutonium Oxalate Precipitation

The precipitation of plutonium (+3)-oxalate has been an important step in the processing of plutonium since the earliest days of LANL. Oxalate precipitation is a quick, effective concentration step that also provides excellent decontamination from unwanted anions and from metals that form soluble oxalate complexes. The oxalate precipitation process (OY) was used to achieve separation of plutonium from iron, aluminum, uranium, or other cations that form soluble oxalates. The precipitation of the trivalent oxalate was also used as the concentration step of the nitrate anion-exchange columns. The plutonium valence state was adjusted to (+3), if necessary, and oxalic acid was added to precipitate the plutonium oxalate. The resulting oxalate was calcined to the oxide, and the oxide was dissolved in nitric and hydrofluoric acid to produce a plutonium nitrate product that was acceptable in the metal preparation line (References D042 and D059).

Anion-Exchange

After 1959, the plutonium recovery operations at LANL employed nitrate anion-exchange columns as the primary mode of scavenging, purifying, and concentrating plutonium. The general procedure for any residue was to: (a) get the plutonium into solution, (b) sorb the plutonium on nitrate anion-exchange resin, (c) elute the plutonium, and then (d) determine which, if any, additional operations should be used to remove remaining impurities. The eluate was concentrated by precipitation of the trivalent plutonium oxalate, if necessary.

The purified plutonium nitrate solution was then sent to the metal preparation line (References D042 and D059).

The nitrate anion-exchange operations used resin-filled columns to sorb plutonium. The pH of incoming solutions was adjusted with nitric acid and the plutonium was stabilized by changing the plutonium valence state to (+4) using hydrogen peroxide. Other chemicals used to adjust acidity or to "condition" incoming solutions to address the presence of fluoride, silica, metal impurities, or plutonium (+6) included: aluminum nitrate, ferrous ammonium sulfate, hydrogen peroxide, sodium hydroxide, sodium nitrite, sulfuric acid, and urea (References D042 and D059).

Plutonium (+4) binds to the resin while impurities, such as americium, uranium, and other metals, flow through the column. The column was washed with 7 molar nitric acid to remove non-sorbed species. The plutonium remained on the resin in the (+4) valence state until the eluting agent, 0.3 molar hydroxylamine nitrate, was flowed through the columns. This released purified plutonium in solution for further processing (i.e., precipitation and oxidation). Ion-exchange resins were reconditioned using nitric acid (References D042 and D059).

After ion-exchange, plutonium-bearing solutions were sent on to a precipitation process to convert the plutonium solution to plutonium oxalate. This process involved the addition of oxalic acid to form plutonium oxalate precipitate. The resulting oxalate was calcined to the oxide, and the oxide was dissolved in nitric and hydrofluoric acid to produce a plutonium nitrate product that was acceptable in the metal preparation line (References D042 and D059).

Plutonium/Thorium Separation

Plutonium/thorium oxides were dissolved in a nitric and hydrofluoric acid solution to which sodium chromate and lanthanum nitrate were added. Thorium was removed from the solution by addition of potassium fluoride or hydrogen fluoride to form thorium fluoride precipitate. After filtering out this precipitate, the plutonium was reduced to the (+4) valence state and chromium was reduced to the (+3) valence state in solution using peroxide. Continued addition of peroxide and sulfate resulted in the precipitation of plutonium peroxide, which was subsequently dissolved in nitric acid to provide the nitrate feed for the metal preparation line (References D042 and D059).

Evaporator

The use of evaporators was in the development stage at the DP West Facility in the 1970s. The evaporators were put into production when plutonium recovery operations were relocated to TA-55 (References C011 and D059).

4.4.2 Pyrochemical Operations (Metal Production)

Pyrochemical operations at DP West included the metal preparation line (MPL), developmental direct oxide reduction (DOR), and ER. Plutonium nitrate solutions produced by the plutonium recovery operations were processed in the metal production operations. Plutonium peroxide was precipitated from the nitrate solution and converted to plutonium tetrafluoride. The plutonium tetrafluoride was in turn mixed with calcium metal and heated in a metal "bomb." The highly reactive calcium combines with the fluorine in the plutonium tetrafluoride, leaving molten metallic plutonium that forms a disc or button in the bottom of the bomb. After cooling, the plutonium button was sent on to the metal fabrication section (References D042, D043, D054, and D059).

Metal Preparation Line

At LANL, the MPL produced plutonium metal using the reduction of plutonium tetrafluoride with calcium in a sealed pressure vessel until 1992. Plutonium nitrate solutions produced by the plutonium recovery operations were processed in the metal production operations. Plutonium peroxide was precipitated from the nitrate solution and converted to plutonium tetrafluoride. The plutonium tetrafluoride was combined with calcium metal in excess to that needed for the reduction and iodine, which was added as a reaction initiator. The mixture was placed in an MgO crucible that was surrounded by MgO sand, all placed inside a stainless-steel pressure vessel (a "bomb"). An induction heater elevated the temperature of the reactants and vessel until the iodine reacted with some of the calcium. The highly exothermic reaction raised the internal temperature of the bomb to over 1500 °C in just seconds. The remainder of the calcium reduced the plutonium tetrafluoride to form plutonium metal and calcium fluoride, with the reaction temperature reaching as high as 2000 °C as this second reaction proceeded (References C013 and D059).

As cooling commenced, the molten plutonium, with its high density, settled to the bottom of the crucible, displacing the less dense molten calcium fluoride and calcium iodide. As the temperature decreased to 1400 °C, the calcium fluoride and then the calcium iodide solidified. The desired product was plutonium metal, which was recovered as a button by breaking the crucible and mechanically separating the contents. After cooling, the plutonium button was sent on to the metal fabrication section (References C013 and D059).

The plutonium metal production flowsheet is shown in Figure 9, DP West Plutonium Metal Production Flow Diagram. The waste products were calcium fluoride and calcium iodide, which formed a slag, magnesium oxide sand, and magnesium oxide crucible pieces. These were discarded if the plutonium content was below the DL. If the plutonium content was above the DL, the slag and crucible pieces were sent to recovery operations. The magnesium oxide sand was reused, if possible (References D002 and D059).

Little or no purification of the plutonium occurred during this process. However, because the reagents introduced no impurities and the highest purity feed material was used; the resulting metal was often satisfactory for high-purity applications. In this process, any trace metals were below the toxicity characteristic levels, so that the associated debris and slag

wastes were below the toxicity characteristic levels in RCRA metal content (References C014 and D059).

Direct Oxide Reduction

In the 1970s at DP West, the development of the single pass DOR process for plutonium oxide was at the experimental stage. With the exception of the Pu-238 operations, the DOR process did not go into production before operations were relocated to the TA-55 Plutonium Facility. Operations for the conversion of 200-gram batches of Pu-238 oxide and Pu-239 oxide to metal were developed in 1975-1976 at DP West. The process was later extended to the 400- and 700-gram scale for Pu-239 operations at TA-55 (References D025, D027, D059, and M001).

In the DOR process, plutonium oxide and calcium metal were reacted in molten calcium chloride or calcium chloride mixed with calcium fluoride, to produce plutonium metal. The reaction was conducted in an MgO crucible at 820 °C to 875 °C. Any arsenic, mercury, or selenium present in the impure plutonium oxide would be driven off due to their volatility at this high temperature. The reaction proceeds to completion when excess calcium was present and when sufficient calcium chloride was available to dissolve the calcium oxide (CaO) product (References D025, D027, D052, and D059).

After cooling, a plutonium metal button was removed by breaking the crucible. A layer of salt above the button contained unreacted oxide and metal shot, which was sometimes recovered by addition of fresh salt plus additional calcium metal. The process was then rerun. If unreacted oxide and metal shot remain after the second run, the material was sent to aqueous recovery. The product plutonium metal contains significant impurities, including additional metal impurities derived from the calcium metal and calcium chloride reagents. It must be further purified by ER. The salt was then either routed through aqueous chloride operations to recover the plutonium, or else discarded as waste along with the remaining calcium metal and MgO crucible pieces (References D025, D027, and D059).

The feed oxide, reagent salts, and reductant were of the highest purity available because the process was non-purifying (i.e., the purity of the product depended on the purity of the feed materials). In fact, the plutonium metal produced from this operation was always less pure than the feed material, due to impurities derived from the reductants. Plutonium metal from this process typically requires further processing to meet purity requirements (References D025, D027, and D059).

Electrorefining

The ER process was introduced in 1962 at TA-21, and was transferred to TA-55 in 1979. During the period 1964 through 1977, 1568 kg of plutonium metal of >99.95 percent purity was produced in 653 runs by the ER facility at DP West. The ER process took impure plutonium metal and produced high purity plutonium metal. Impure plutonium was cast as an anode, which was then placed in an MgO crucible with a salt mixture, a metal cathode (typically tungsten), and a seeding reagent - usually magnesium chloride or plutonium

chloride. After the anode and salt melted, current was applied to the system, and plutonium at the anode was oxidized. The plutonium ions traveled through the molten salt to the cathode, where reduction to the metal state occurred. Impurities in the original plutonium anode that were more easily reduced than plutonium (including cadmium, chromium, lead, and silver) remained in the anode, while impurities more easily oxidized than plutonium (including americium and barium) were left in the molten salt. After cooling, the crucible was broken and the residues were physically separated from the high purity product metal (References D003, D004, D029, D059, P001, and P009).

4.4.3 Metal Operations (Production and Fabrication)

A process flow diagram showing the plutonium metal cycle at the DP West Facility is included in Figure 8, DP West Plutonium Metal Cycle. The metal operations at DP West consisted of metal production and metal fabrication, which included casting and machining. Assembly and disassembly operations were also carried out, as well as experimental operations in fabrication, preparation of test specimens, and metal handling. The metal fabrication section operated a foundry and machine shop devoted exclusively to casting and machining plutonium and its alloys. The plutonium parts prepared in the metal fabrication operations were used for many basic research programs at LANL. Throughout the production and fabrication process, metal alloys and components were inspected, similar to the operation conducted at TA-55 under P/S code IN, to ensure predetermined specifications (References D002, D016, D037, and D059).

Alloy Development

This process was for the development of plutonium alloys (DA). Plutonium metal was placed in metal cups onto which the alloying metal was coated on the cup walls. The alloys were melted in the metal cups. The melt was allowed to cool. Observations were made on the success of the alloying process. If the alloy reacted with the cup, it was sent to plutonium recovery. If not, it could be sent back to original process (e.g., casting). Bromobenzene was used for density measurements and Freon TF was used to clean parts. This process generated rags, gloves, metal cups, and other general glovebox maintenance items (References D037 and D054).

Casting

The casting (CA) process received plutonium metal from pyrochemical operations or from other sources, such as the Special Recovery Line (SRL). The metal was combined with other metal from different sources to produce a product metal that meets purity and isotopic specifications. Specification metal was then cast as a pre-alloyed feed aliquot, at which time gallium metal was added, it was analyzed chemically in-line to determine the proper gallium content, and the metal was placed into in-line storage. Metal was pulled from in-line storage to cast into shapes (References D009, D043, D054, and D059).

Casting was done by an induction furnace using tantalum crucibles and tantalum puller plugs. Molten plutonium was poured into the graphite mold through a tantalum funnel.

Casting was done under vacuum so that the plutonium did not oxidize. The mold was allowed to cool, at which time the cast shape was unmolded and sent to heat treatment to homogenize the plutonium. After heat treatment, the parts underwent density determination using bromobenzene. Bromobenzene is volatile, hence evaporated and was removed by the ventilation system. The cast shape underwent a final heat treatment and density measurement. The finished cast parts were sent to machining, or placed in temporary in-line storage (References D009 and D059).

Chemical analysis was performed on parts rejected during inspection. If the rejected parts met the chemical requirements, the parts were added to other metal in the metal blending step described above. Those parts that did not meet the chemical specifications were cast into ingots, which were then sent for ER (References D009 and D059).

Casting skulls, which were small amounts of plutonium left on the furnace and crucible surfaces, were oxidized to plutonium oxide. The plutonium oxide easily brushed from the metal surfaces with a paintbrush, thus allowing the tantalum crucibles and funnels to be reused many times. In addition, scrap from the cast pre-alloyed feed aliquot and the casting step was roasted to oxide. This plutonium oxide was sent to aqueous recovery (References D009 and D059).

Graphite molds have always constituted the largest volume of waste from casting operations because these molds were used only once. Other wastes generated by casting included the occasional discard of tantalum crucibles and funnels, tools, rags, gloves (leaded), gaskets, and small amounts of plastics and glass (References D009 and D059).

Machining and Metal Working

Machining and metal working (MA and MW) involved a variety of operations on cast parts obtained from casting. Machining operations included turning, milling, grinding, and boring. The objective of the machining operations was to bring the parts to their final dimensional specifications (Reference D059).

Chemicals used in the past as coolants during machining include Tap Magic (which contains 1,1,1-trichloroethane) and Freon TF. Tap Magic use was discontinued in 1992, and Freon TF use was discontinued in 1995 because it was an inferior coolant for plutonium due to the nature of machining this metal. Although Tap Magic contains 1,1,1-trichloroethane, the EPA HWN F002 listing does not apply in this case because the chemical was used as a coolant, not as a solvent (References D037 and D059). Cleaning solvents were used in machining operations. Methyl ethyl ketone and Metalprep 79 (a phosphoric acid-based metal cleaner) were used. Freon TF was used to remove oil from turnings (degreasing) before they were sent to recovery. For final cleaning, trichloroethylene was used (References D037 and D059).

Physical Properties

This process was performed to study the physical properties of alloys and components, including the structural, magnetic, electronic, and metallurgical properties of actinide metals, alloys, and compounds from various operations (References D035 and M001).

Pit Disassembly and Special Recovery Line

Pit disassembly involved the separation and sampling of pit assemblies using milling, turning, and grinding techniques. Pits were received and monitored for tritium. If no tritium was detected or was below a specified activity, the pit was placed in a glovebox and cut in half, and its components were separated and decontaminated of slight tritium contamination. Care was taken not to mix non-special nuclear material metals with the special nuclear material (SNM) metals. The non-SNM metals were discarded as waste. Uranium and plutonium shells were decontaminated of minor surface contamination (References D037, D059, and P007).

Tritium was recovered in the SRL if tritium was above a specified activity. Separation of pit components was done using a special abrasive cut-off wheel. The pit was cut in half, and the shells were cleaned with copper wool and Freon TF. Scrap was sent to recovery or to waste management, depending on whether the material was SNM or not. After the shells were cleaned with the copper wool and Freon TF, they were placed in an ultrasonic bath for cleaning. Tritium-contaminated water was collected and poured over zeolite for disposal (References D037, D059, and P007).

Small-scale decontamination of tritium-contaminated plutonium and other SNM was done in the SRL furnace. The SRL furnace area consisted of different sections, including metal handling, tritium removal furnace, equipment for collecting tritium liberated in the furnace, and effluent treatment system (References D037 and D059).

Welding and Welding Leak Test

The welding operations at DP West were similar to those conducted at TA-55 under P/S code WE. One metal fabrication process consisted of the preparation and encapsulation of foils of U-233, neptunium (Np)-237, Am-241, and assorted plutonium isotopes for use as neutron detectors. Metal oxide compounds were also used in detectors. The foils were welded or soldered into nickel, stainless-steel, or copper capsules. Containers were leak-tested after welding (References D016, D018, and D059).

The welding method at DP West employed a gas tungsten arc welder. Encapsulation of radioactive isotopes involved placing the isotopic material to be sealed into a stainless-steel capsule and welding the capsule closed. The exterior of the capsule was cleaned with Freon TF. The Freon TF was allowed to evaporate; hence no wiping of the capsule surface with rags was required. Other welding operations included welding of plutonium samples on vanadium in an argon atmosphere, brazing gold to repair platinum frits, welding titanium to repair titanium boats, and welding of aluminum (References D037 and D059).

4.4.4 Pu-239 Fuels Programs

The plutonium fuels programs at DP West consisted of two primary operations: LMFBR fuel production; and the plutonium advanced fuels development. The LMFBR fuel program investigated the suitability of plutonium-containing ceramic materials for use in breeder reactors. The preparation of purified ceramic grade Pu-239 oxide for the FFTF at Hanford was carried out in DP West, Building 2, in the 1970s, and transferred to TA-55 in 1978. At both DP West and TA-55, U-235/Pu-239 carbide fuel was prepared. In addition, Pu-239/thorium-232 carbide driver fuel and U-238 carbide blanket fuel were also fabricated at DP West (Reference C006). The reactor fuel operations at TA-55 are described in detail in *Process Acceptable Knowledge Report for Metal Operations at TA-55* (References C006, D011, D037, D057, and D059).

The advanced fuels program investigated the fabrication of plutonium ceramic or cermet fuel materials for potential use in power reactors. The principal goals of the advanced fuels program were to prepare pure, well-characterized plutonium fuel materials and to determine their high temperature properties. Pu-239 advanced fuels for the program included fuels of mixed uranium-plutonium carbides and nitrides (References D008, D016, and D059).

Ceramic Grade Plutonium Oxide Production

The production of plutonium oxide FFTF driver fuel was very similar to the work subsequently conducted at the TA-55 Plutonium Facility. The production process for the FFTF plutonium oxide feed material is shown in Figure 10, LANL Ceramic Grade Plutonium Oxide Production Circa 1980. The feed material was aged plutonium metal that had a sizable amount of ingrown americium. The impure plutonium metal was converted to an impure oxide by burning the metal in air (TA-55 P/S code PA). The impure oxide was dissolved in a nitric and hydrofluoric acid solution (TA-55 P/S code OD), and separated from the americium by precipitation of the plutonium as the peroxide (TA-55 P/S code PR). The americium remains in the filtrate, and was subsequently precipitated as the hydroxide by slowly dripping the peroxide filtrate into sodium hydroxide to "kill" the peroxide (see Section 4.4.5). The plutonium peroxide precipitate was redissolved in nitric acid and further purification was achieved by precipitation of the oxalate (TA-55 P/S code OY). The oxalate precipitate was calcined to the purified plutonium oxide, which was subsequently screened, blended, and canned (TA-55 P/S code FC) for shipment to Hanford (References C006, D011, D057, and D059).

Advanced Fuels Fabrication

Enriched uranium oxide and plutonium oxide feeds were blended and mixed with graphite and stearic acid. Stearic acid was used to keep the material from sticking during milling. The blended oxide was then pressed into briquettes (at TA-55, this operation was performed under P/S code OB). Small pieces of briquette and powder left after pressing were sent to the vault or to recovery (Reference D059).

The prepared briquettes were then subjected to carbothermic reduction (TA-55 P/S code

RS). In this process, the plutonium or uranium oxide were reduced to the carbide form, resulting in the removal of most carbon and nearly all oxygen from the material, and in the decomposition of the stearic acid. The carbide briquettes were then sent for size reduction (Reference D059).

A jaw crusher was used to reduce the size of the carbide briquettes in preparation for pulverizing. The crushed material was mixed with 0.2 weight percent stearic acid and polyethylene glycol. A vibratory mill pulverized the crushed material to 325 mesh (TA-55 P/S code CO). Nickel powder at a concentration of 2000 parts per million was added to the pulverized carbide as a sintering aid (Reference D059).

Advanced Fuels Pellet Preparation and Element Loading

The plutonium and uranium carbide powder was pressed into pellets that were then loaded into molybdenum trays. The trays were placed in a furnace at 450 °C to burn off the stearic acid and polyethylene glycol. Small amounts of MolyKote were used for hand pressing of pellets. The pellets were sintered in an argon-hydrogen atmosphere at 1600 °C. The sintered pellets were inspected to meet specification (TA-55 P/S code GI). Out-of-specification material was ground to specification with either diamond or aluminum oxide grinding wheels. A final inspection was performed on these pellets with a hand micrometer. Those pellets that met final inspection specifications were transferred to TA-35 for loading into the fuel element(s) along with the bonding material (e.g., sodium), and the elements were welded (TA-55 P/S code EL) (Reference D059).

Sample pellets were collected for chemical analysis, carbon-nitrogen-oxygen (C-N-O) analysis, and/or determination of the oxygen to metal ratio by the Analytical Chemistry Group at the Chemistry and Metallurgy Research (CMR) Facility. Compatibility testing, immersion density measurements, and metallographic inspection were performed at DP West (Reference D059).

4.4.5 Americium Processing Operations

In addition to plutonium processing, extensive research on americium was carried out at DP Site West starting in the late 1940s. By the 1950s, DP West was the world's center of research on americium. Am-241 research operations were located in Building 3, and Am-241 recovery operations were conducted in Building 2 South. Consequently, americium and plutonium contaminated wastes were commingled (References D008 and D059).

Am-241 was processed at DP West for commercial applications, such as smoke detectors and oil-well logging instrumentation, through the Oak Ridge isotopes sales pool for distribution to industry. Am-241 was separated and subsequently purified from formerly stockpiled material, byproduct feed from the Pu-239 oxide ceramic-grade fuel production line (see Section 4.4.4), and from the Hanford Ash material (References D008, D057, and D059).

When solutions with high americium concentrations were "conditioned" with hydrogen peroxide (see Section 4.4.4), an americium hydroxide precipitate formed when the solutions were dripped into sodium hydroxide to "kill" the peroxide. Alternatively, the americium-containing hydroxide cakes from the peroxide kill process were re-dissolved in nitric acid, and the solution concentrated through distillation to precipitate a gel of silica (TA-55 P/S code SX). The silica gel was separated by filtration, air dried, and discarded as solid waste. The americium-containing filtrate was sent to purification (Reference D059).

The americium oxide production process received the hydroxide slurry from plutonium oxide production that was filtered and washed with 0.1 molar sodium hydroxide. The filter cake was dissolved in nitric acid, and the nitric acid concentration was adjusted to 7 molar and passed through an anion-exchange column. The plutonium (+4) was retained on the ion-exchange resin and the americium (+3) passed through the column, resulting in a purified americium solution (TA-55 P/S code AP). At the conclusion of the run, the plutonium was eluted off the column by washing the column with 1 molar nitric acid, and the plutonium solution collected separately. The plutonium solution was then sent to one of the plutonium ion-exchange columns for recovery of the plutonium (References D011, D057, and D059).

The seven molar nitric acid solution from the americium purification process was distilled to reduce volume, adjusted to 0.5–1.0 molar acidity, and sent to oxalate precipitation. The high purity americium oxalate cakes underwent calcination at 800 °C, resulting in a pure americium oxide product (TA-55 P/S code AO). After filtration of the americium oxalate product, the oxalate filtrate was sent to the hydroxide precipitation process (TA-55 P/S code OH) (References D011, D057, and D059).

4.4.6 Pu-238 Processing

The Pu-238 processing operations involved the production of Pu-238 based heat sources along with the recovery of Pu-238 from processing residues and scrap materials discussed in Section 4.4.1. These sources were manufactured for both defense and non-defense activities. Pu-238 processing and fabrication was performed in Buildings 3, 4, 5, and 150. The primary programs included the Systems for Nuclear Auxiliary Power heat source, the artificial heart program, the Solid Solution Cermet fuel form, the Plutonia Molybdenum Cermet fuel form, the Plutonia-Iridium Cermet fuel form, and the Pure Plutonium Oxide fuel form (References D008, D021, D047, D049, D050, and D065).

Systems for Nuclear Auxiliary Power (SNAP)

Systems for Nuclear Auxiliary Power (SNAP) devices converted thermal energy from radioisotope decay into electrical energy. The first sample of Pu-238 metal was produced by CMB-11 at DP West in 1959. The Pu-238 was then used to fabricate a SNAP power source using plutonium. The first encapsulation of a Pu-238 heat source was carried out in Building 5. The Pu-238 heat sources were used to power unmanned weather stations, navigational buoys, satellites, and spacecraft instrumentation. The SNAP power sources

also support space electric power applications, including Apollo Lunar Surface Exploration Packages (ALSEP) (Reference D008).

Artificial Heart Program

In the 1960s and 1970s, work on the development of a Pu-238 heat source for the artificial heart was conducted in Building 4 North. The AEC (later the U.S. Energy Research and Development Administration), in coordination with the National Heart and Lung Institute, started a program to develop the power supply for the artificial heart in 1967. The aim of the program was to develop a compact, completely self-contained, artificial heart powered by a nuclear source. After an extensive study, the AEC decided on Pu-238 as one of the best possible source materials (References D005, D008, D020, D044, D045, and D046).

CMB-11 was tasked to conduct R&D on the nuclear heat source, and acquired 80 percent enriched Pu-238 material produced by Savannah River Plant (SRP). The fuel forms researched and developed in this program included Pu-238 metal, Pu-238-3 atom percent gallium (performed in TA-55 only and will not be discussed in this report), Pu-238, N-15 nitride, and Pu-238 O-16 oxide. The plutonium metal fuel provided the lowest radiation exposure, but ultimately the O-16 oxide became the fuel of choice because of its greater chemical stability and a radiation exposure nearly as low as that of the metal fuel. The medical-grade fuel forms were prepared by dissolving the Pu-238 oxide in a nitric and hydrofluoric acid mixture, precipitating as plutonium peroxide, and isolating the cake by filtration. After filtration, the peroxide was destroyed, "killed," and the acids were neutralized by a hydroxide precipitation and filtration before the solution was transferred to the waste treatment plant at TA-21 East. Then the peroxide precipitate was converted to the tetrafluoride by heating under a flow of hydrogen fluoride and oxygen gas. Any unreacted hydrogen fluoride gas was scrubbed with potassium hydroxide solution and the solution was sent to the same treatment plant. The plutonium fluoride was reduced to metal with calcium metal in a bomb reduction. The calcium fluoride and calcium iodide slag became either recoverable scrap for SRP or waste. Eventually, the bomb-reduced metal was cast into rods, and two rods were placed into the anode cup and electrorefined. The sodium chloride/potassium chloride salt and crucible became recoverable scrap for LANL. Finally, the electrorefined high purity metal was cast into rods and encapsulated as the heat source. The high purity of the feed materials, as demonstrated by analysis, assured that none of the waste materials would contain above regulatory limit heavy metals. No other RCRA hazardous chemicals were introduced into the waste in these processing steps (References C009, D019, D020, D044, D045, and D046).

Eventually, the first four steps were replaced by the direct oxide reduction process. That step involved the reduction of plutonium oxide to plutonium metal, at 850 °C, with calcium metal in molten calcium chloride/calcium fluoride, or plain calcium chloride salt, to dissolve the resulting calcium oxide. The salt and crucible became a recoverable residue. The recovery of the residues was accomplished by oxidizing any plutonium metal to the oxide and re-introducing it as feed material. Again, no RCRA hazardous chemicals were introduced into the waste by execution of this step (References D019, D044, D045, and D046).

The Pu-238 O-16 oxide was prepared by taking the electrorefined metal rods produced, as discussed above, and placing them in a vacuum manifold, with hydrogen gas admitted to the Pu-238 metal to form plutonium hydride. The hydride was decomposed under vacuum to reform the metal, while not melting the plutonium. These steps were repeated twice, resulting in a Pu-238 powder. The powder was reacted with O-16 water vapor under a flow of argon saturated with water vapor from 400 °C to 700 °C. The oxide powder was ball milled in an inert atmosphere, screened, and cold pressed. The pellet was crushed and re-screened again. Carbowax dissolved in trichloroethylene was added to the powder and pressed into a pellet, then sintered at 1550 °C under a flow of argon/O-16 water (References D019, D044, D045, and D046).

The Pu-238 N-15 nitride process is identical with that described in the Pu-238 O-16 oxide process above, except where N-15 gas was reacted in a controlled manner with the Pu-238 powder at 300 °C and gradually increasing to 500 °C to form plutonium nitride. The same comments apply to the preparation of the nitride fuel as those under the oxide fuel. No mixed waste was created in this fuel preparation (References D019, D044, D045, and D046).

The design of the artificial heart consisted of the artificial heart pump that would be placed in the patient's chest, and the fuel source and engine package that would be placed in the lower abdomen. Although the prototype fuel source designed and manufactured by CMB-11 incorporated safety features and used impact-resistant, high-strength materials, the possibility that Pu-238 could be released into the environment was the main reason for the cancellation of the program. Potential accident scenarios included traumatic accidents, catastrophic fires, explosions, or gun shots (Reference D008).

Solid Solution Cermet (SSC) Fuel Form

The Savannah River Laboratory prepared the SSC for the TRANSIT Project, which consisted of 90 weight percent Pu-238 oxide –10 weight percent thorium oxide solid solution coated with molybdenum metal. The plutonium oxide was sampled to determine the total plutonium content and to determine impurities spectrochemically. The plutonium oxide was then heated at 1000 °C and ball milled. The thorium oxide was also ball milled, and then both oxides were combined and ball milled again before pressing into a 250-gram pellet. The pellet was sintered at 1600 °C in an argon atmosphere with O-16 water. The sintered chunks were crushed and their density measured. Further crushing was performed, and the granules were screened to collect the 105 to 177 mesh. The fines were then recycled. The collected granules were coated with molybdenum in a heated column using chemical vapor deposition (CVD). The molybdenum source was either molybdenum hexafluoride or molybdenum pentachloride gas vaporized and mixed with hydrogen gas. The gas cylinders were located outside the glovebox and the gas was plumbed in. At 600 °C, the molybdenum was reduced to metal and the hydrogen combined with the fluorine or chlorine to form hydrogen fluoride or hydrogen chloride gas, respectively. The halide gas was reacted with calcium oxide or calcium carbonate to form a calcium salt in a trap. A mixture of argon/hydrogen gas flowed through the column during the heating and cooling steps (References D019, D047, and D051).

A sample of the molybdenum coated fuel granules was analyzed to determine the molybdenum concentration. A 160-gram sample of the coated granules was transferred to a molybdenum boat, baked in an induction furnace at 1800 °C, and charged to a die body. The charge was pressed at 1700-1750 °C and 13,000 pounds per square inch (psi). Molybdenum, in a rolling tube containing molybdenum springs, was applied as an overcoat to the fuel disc in the same manner as above. The final overcoated discs were machined to their final dimensions using a lathe or an ultrasonic machine tool (References D019 and D047).

This process was similar to that used at the TA-55 Plutonium Facility, with the exception that the coating and machining steps used the following (Reference D019):

- Thoria was a major constituent rather than an impurity
- Molybdenum hexafluoride, molybdenum pentachloride, and molybdenum
- Calcium fluoride and calcium chloride
- Machining was performed dry.

Plutonia Molybdenum Cermet (PMC) Fuel Form

The Plutonia Molybdenum Cermet (PMC) fuel form replaced the SSC fuel form. The fabrications steps were similar, with the exception of (References D019 and D021):

- The thorium oxide ball milling and the combination ball milling steps were eliminated
- An overcoat was not applied
- Machining of the overcoated discs was eliminated, and
- The fines were recycled to the ball milling of the oxide step.

Plutonia-Iridium Cermet (PIC) Fuel Form

A third fuel form was the Plutonia-Iridium Cermet (PIC), consisting of 87 weight percent plutonium oxide and 13 weight percent iridium. The fabrication began with a commercial sample of 325 mesh iridium powder, which was milled, ground, and mixed with several different slurry solutions, dried, and blended to generate an electrostatic charge on the metal particles. Up to this point, the operation was conducted in a non-radioactive environment; therefore, no TRU waste would be generated (References D019 and D049).

An O-16 exchange was performed on the oxide at 750 °C under a flow of argon/O-16 water. The oxide was out-gassed at 1000 °C and ball-milled in stainless-steel mills. The oxide was granulated by dry pressing in hardened-steel dies and granules were isolated of 61-295 mesh (smaller granules were recycled). The granules were then fired at 1075 °C to 1350 °C under a carbon dioxide atmosphere. The plutonium oxide was spread out over the bottom of a Petrie dish, a 325 mesh screen placed over the dish, and the iridium powder was sprinkled on to the screen. The entire assembly was oscillated to mix the combined powders. The graphite hot press die cavities and punches were painted with a five percent iridium/alcohol slurry and dried. During this step, the iridium became part of the product piece, while the loss of oxygen from the plutonium oxide to the graphite was

prevented. The iridium-plutonium oxide charge was cold pressed, and then hot pressed. Re-oxidation of any sesquioxide Pu-O16 was accomplished by reheating the product shape at 1100 °C (References D019 and D049).

The chemicals used in this process were camphor and acetone. The camphor began to volatilize as soon as it contacted the heat from Pu-238, and was completely volatilized as soon as larger quantities of oxide were brought together. The acetone was vaporized when the iridium camphor cake was dried. The first application of ethanol was removed by drying to the point that no ignitability remained. In the iridium painting, the parts were dried at 100 °C, which insured that the ethanol completely vaporized and no ignitability remained. The brushes that were used to apply the slurry would have been air-dried removing any potential for ignitability (References D019 and D049).

Pure Plutonium Oxide (PPO) Fuel Form

The use of cermet fuel form was replaced by PPO fuel form. The sintered plutonia fuel was contained by encapsulation in a high melting-point metal, such as iridium or platinum. An O-16 exchange at 775 °C under an argon/O-16 enriched water atmosphere was performed, and the powder was out-gassed at 1000 °C. The oxide powder was ball-milled with 440 stainless-steel jars and balls, then cold pressed into pellets using no binder and a Ferrotek die and punch. The pellets were then crushed, screened, and the desired size pieces were seasoned under an argon/O16 water atmosphere. The pieces were loaded into a graphite die and punch assembly, hot pressed at 1490 °C, and sintered under an argon/O-16 water atmosphere (References D019 and D050).

These steps were incorporated into the fabrication of the 100-watt spheres that were used in the MHW program and also became the basis for fabrication of pellets of lesser wattages. These steps were identical with those employed in the General Purpose Heat Source (GPHS) and Light Weight Radioisotope Heater Unit (LWRHU) fabrications performed at TA-55. No new chemicals or hazards were found in this fuel process (References D019 and D050).

Supporting Operations

Preparation of the fuel forms described above was only one portion of the Pu-238 heat source programs. In order to understand issues, such as safety, possible reentry into the earth's atmosphere from outer space, launch accidents, and radiation exposure to an artificial heart recipient, it was necessary to determine the chemical, physical, and radiation properties of those fuel forms. The following supporting operations were performed at TA-21 West (Reference D019):

1) Powder Density Determination - This process was accomplished by mechanical means involving no hazardous materials.

2) Asymmetrical Thermal Ramp of a PIC Sphere - This was an attempt to understand the stability of a PIC sphere under conditions of thermal shock involved only heating.

3) Melting Points of plutonium oxide and molybdenum - This process involved measurements and also included vapor pressures, heat of melting, and heat of sublimation for both materials. No chemicals were used in these measurements.

4) Thermal Diffusivity for PMC - No hazardous chemicals were used in these measurements.

5) Spectral Emissivity of PMC - No hazardous chemicals were used in these measurements.

6) X-ray Crystallography of the plutonium oxide - No hazardous chemicals were used in these determinations.

7) Chemical Interactions of plutonium oxide and plutonium oxide-x - Involved interactions with water, hydrogen, oxygen, carbon, nitrogen, tantalum, tungsten, molybdenum, iridium, titanium, titanium oxide, hafnium, hafnium oxide, thorium, thorium oxide, zirconium, and zirconium oxide. There was no use of hazardous materials in these studies.

8) Surface Temperature of SSC Discs - There was no use of hazardous materials.

9) Thermal Dilatometry Measurements of SSC - There was no use of hazardous materials.

10) Mass Spectrometer Study of vaporization of SSC fuel - There was no use of hazardous materials.

11) Thermal Stability of SSC Fuel in Air - There was no use of hazardous materials.

12) Thermoluminescent Dosimetry of Pu-238 heat sources - Dose rates were determined for both neutrons and gamma rays. No hazardous chemicals were used in the dosimetry.

13) Particle Size Determinations for Ball-milled Powders - This determination made use of a viscous solution, called Sedisperse that possessed no hazardous constituents.

14) Oxygen Isotopic Exchange of Heat Source Pellets on Exposure to Oxygen, Dry Air, and Moist Air - No chemicals were used in this study.

15) Calorimetry of Heat Sources to Determine Thermal Power - Small sources were measured in a copper isothermal twin calorimeter, and larger ones in a water-bath calorimeter. No hazardous chemicals were employed.

16) Helium Release Studies on Encapsulated and Bare Heat Source Pellets - No hazardous chemicals were used in these studies.

17) Radon Release Study on an Encapsulated Heat Source - Aqua Regia employed to dissolve any radon decay daughters, but this was done outside the glovebox.

4.4.7 Miscellaneous and Special Processing

The miscellaneous and special processing operations at DP West included the development of new recovery operations, metallography, and preparation of isotopes. The overall goal of miscellaneous and special processing involved the study and improvement of operations associated with the purification, extraction, recovery, and characterization of actinides. They were often performed on a small scale or in support of other operations (References D038, D041, and M001).

Development of New Recovery Processes

The development of new recovery processes (AD) involved a series of similar actinide extraction, separation, and characterization R&D studies. These studies included the processing of hydroxide cakes using various experimental chemical and electrochemical research solutions. These solutions were used to investigate and improve upon existing extraction and separation techniques. The development of sensors and instrumentation for chemical analysis was also conducted under this process. In addition, purification studies were performed on a non-routine basis. These studies involved small scale research and trouble shooting of various purification methods and used numerous isotopes and isotopic mixtures of plutonium, uranium, americium, and neptunium. Wastes generated from these operations included typical laboratory debris, such as labware (e.g., glass, plastic, rubber, or metal materials and supplies), rags from general cleanup, spent solutions, and typical glovebox operations waste (e.g., HEPA filters, glovebox gloves, glovebox windows, nuts, washers). Spent solutions, such as acids and bases, used in these operations were either sent to TA-50 or Building 257 (References D038 and M001).

Metallography

The purpose of the metallography operation (ME) was to characterize the microstructure of metallic or ceramic pieces to verify and establish the quality and effectiveness of welds. Materials examined under this operation consisted of plutonium and uranium carbides, nitrides, and oxides, as well as zirconium and tantalum alloys, and stainless-steel. Metal pieces (pellets) were cut with a diamond saw. Ceramic pieces were subjected to grinding with standard metal grinding media. Various epoxies were used for sample mounting, and the materials were cleaned, polished, and etched with several different chemical compounds. Wastes generated from this process included stainless-steel, standard glovebox maintenance items (e.g., rags, glovebox gloves, and HEPA filters), and grinding paper (References D002, D046, D048, D050, and D065).

Preparation of Isotopes

The preparation of isotopes process (PI) involved a hydrofluorination system to convert compounds of special isotopes of plutonium and other actinides to fluorides. The compounds were treated with hydrogen fluoride or fluorine gas to produce plutonium fluoride. The plutonium fluoride was then mixed with calcium metal, which in turn was heated to form calcium fluoride and plutonium metal. Quite often, a catalyst (e.g., iodine)

was added to initiate the reaction and to provide sufficient energy to ensure a complete reaction. This method of metal preparation neither purified the product metal, nor did it introduce impurities. However, a high-purity oxide feed would produce metal that met purity specifications for many applications. Wastes generated from this operation included MgO sand, calcium fluoride, and MgO crucibles (References D041 and M001).

4.4.8 Decontamination and Decommissioning (D&D)/Closure Operations

Plutonium operations in TA-21 started in the early 1940's and continued until 1978, when plutonium processing operations were moved to TA-55. Many of the facilities were used for other activities, including basic research, until they were declared surplus in the 1990's. Several D&D/Closure projects have been undertaken to remove contaminated portions of some facilities, to completely demolish others, and to cleanup surrounding MDAs and tank systems. These facilities and systems housed the equipment and material used to perform the above listed operations and the MDAs contained waste from the above listed operations. Therefore, the waste generated during D&D operations contains the same chemical and radiological contaminants (References D008, D035, D067, D069, P036, and P037).

Decontamination operations were used to accomplish several goals, such as reducing occupational exposures, limiting potential releases of radioactive materials, permitting the reuse of components, and reducing the amount of TRU waste generated. Decontamination operations included the use of mechanical and chemical cleaning techniques, such as brushing, stripping, washing, and wiping to remove contamination. In addition, physical isolation and draining of equipment were performed when necessary. Based on the radiological contamination, drained liquids were either treated at the liquid waste treatment facility or solidified with cement or an absorbent material (e.g., vermiculite, zeolite). Decommissioning operations involved the physical removal of contaminated equipment, furnishings, gloveboxes, machinery, piping and acid wells, support systems, and in some cases the investigation, excavation, and remediation of MDAs and tank systems including the removal of the surrounding media (e.g., soil). This included the removal and size reduction of glovebox internals, process piping and supports, tanks and ancillary equipment, and other fixed equipment, such as building ducting, wires, conduits, electrical panels, and cabinets. Gloveboxes and equipment were size reduced, as necessary, and packaged for disposal. Soil may have become contaminated during or discovered by the removal of equipment and facilities and cleanup of MDAs and tank systems. Sampling may also be performed to determine contamination levels of equipment, materials, and surrounding media (e.g., soil). Sampling can include direct radiological measurements or smears of equipment and analytical sampling of materials or media (e.g., coring, grab sampling). The containers assigned to waste stream LA-MSG04.001 were generated during these D&D operations. Secondary waste, such as combustibles, metal, and plastic generated during D&D, is expected to be part of the waste. D&D operations also included the removal of stored radiological and hazardous materials and other related actions (References D006, D008, D035, D060, D066, D067, D069, D070, M004, M020, M021, P036, and P037).

No hazardous chemicals were added to the waste during D&D operations. Commercially available, non-hazardous cleaning products, such as Fantastik, were used to remove loose contaminants. Another method for removal of loose contamination was to use non-hazardous strippable coatings, such as ALARA 1146 and Sensor Coat. Water-based paint was often used to fix remaining contamination in place prior to demolition. The goal of the D&D was to reduce the amount of TRU waste generated as much as possible through decontamination and size reduction (References D066 and D070).

4.4.9 Waste Repackaging and Prohibited Item Disposition

Waste repackaging and prohibited item disposition is performed in four facilities. The first facility was established in 1979 at TA-50 as the SRF to size reduce non-routine items, such as decommissioned gloveboxes, ductwork, and process equipment, to fit in 55-gallon drums or SWBs. A plasma torch was commonly used during size reduction to cut up these large items into manageable pieces. The SRF historically combined waste from multiple facilities, and these containers will be identified and characterized under a separate TA-50 waste stream. As LANL TRU waste characterization and certification activities increased, the mission of the SRF was expanded to include various operations to support TRU waste characterization. In 1993, the name of the SRF was changed to the WCRR Facility to reflect the expanded remediation and repackaging mission. Size reduction operations at the WCRR Facility were discontinued around 1997. The second repackaging facility operated for a short time in the early 2000s and resumed operations again in 2010. The TA-54 Building 412 facility performs sorting, segregating, size reduction, and repackaging operations on waste containers (e.g., 55-gallon drums) that contain WIPP nonconforming items. The TA-54 Building 412 facility also safely disassembles oversized containers (e.g., FRPs), processes waste items located within, size reduces waste items (if necessary), and processes the original packaging (e.g., plywood sheathing). The facility then repackages these wastes in standard containers (e.g., 55-gallon drums, SWBs) that can be permanently disposed of at the appropriate disposal facilities. The original packaging materials will be managed as either TRU or low-level waste. The third remediation and repackaging facility was established in 2006 at the TA-54 Dome 231 Permacon, and CCP personnel began observing these operations. The fourth facility, the Box Line Process, began operations in 2012 at the TA-54 Dome 375. The facility performs the same basic functions as TA-54 Building 412 facility described above. However, this facility will also process and package CMPs into standard containers (e.g., 55-gallon drums, SWBs). Containers that fail to meet WIPP criteria are sent to these facilities to be safely remediated (References C030, C031, C036, D028, D058, D060, D071, P010, P011, P012, P021, P028, P029, P030, P032, P033, and P034).

These four facilities are used to perform VE, repackaging, and prohibited item dispositioning of TRU waste. VE is performed to provide information that is used to 1) confirm the waste stream delineation by AK, 2) ensure the absence of prohibited items, and 3) characterize retrievably stored waste with inadequate AK. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new containers, during which time liquids are absorbed, sealed containers greater than

four liters are opened, and other items removed and segregated, if necessary, prior to certification and shipment. Waste items with high dose rates may be repackaged into a pipe overpack container (POC). Current repackaging procedures ensure that waste items placed into a new container originate from a single parent container. Therefore, if repackaging is necessary, the original TA-21 characterization is retained. Some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, personal protective equipment (PPE), plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., plastic bags, plywood sheathing, rigid liner lids cut into pieces). Although these operations are performed outside of TA-21, there is no cross contamination with waste from other LANL facilities for the containers covered in this report. Figure 11, Waste Repackaging and Prohibited Item Disposition Flow Diagram, depicts the general waste repackaging and prohibited item disposition process (References C027, C034, P010, P011, P012, P021, P028, P029, P030, P032, P033, and P034).

4.4.10 Below-Grade Retrieval Project

Since 1970, TRU waste generated by LANL has been retrievably stored at TA-54, Area G, in anticipation of disposal at WIPP. Some of this waste, generated between 1970 and 1998, has been stored below ground. The below ground TRU storage includes a trench containing CMPs, Pit 9, four trenches (A–D), and (RH) remote-handled shafts. TRU waste stored in the RH shafts will not be discussed in this report. LANL has established the Legacy Waste Disposition (LWD) Project to ensure the safe retrieval of containerized TRU waste from below ground storage (References D072, D073, D074, and D078).

CMPs contain solidified wastewater from Laboratory operations that were collected and neutralized, when necessary, in special stainless-steel, water cooled storage tanks at TA-21, Building 257. Treatment operations at Building 257 generated contaminated effluent and sludge from May 1968 through June 1978. The contaminated effluent and sludge were mixed with cement to form a paste. The cement pastes were then pumped as batches into disposal wells at TA-21, Area T, or, at a later time, into 30 inch diameter and 20 foot long CMPs. The bottom 12 inches of each CMP was filled with a concrete plug (e.g., Portland cement) prior to waste injection. Approximately 2,500 liters of cement paste were placed into each CMP, each weighing between 5 and 7 tons. The top 12 inches of each CMP was then capped with a concrete plug. The CMPs were marked with a unique identifier prior to storage below ground (References D072, D077, M017, and P014).

Pit 9 was excavated in the spring of 1974 and completed for use in November of 1974. Pit 9 is located in the central portion of TA-54, Area G. Pit 9 is approximately 400 feet long, 20 feet deep, and 30 feet wide. The south end was excavated to an almost vertical slope while the north end has a 6-to-1 slope for access to the pit. The pit was used for retrievable storage of 30-, 55-, and 85-gallon drums and crates (e.g., FRPs) containing TRU waste. The primary mission of the Pit 9 LWD Project is to retrieve and relocate 4,082 waste packages containing TRU waste into an inspectable storage configuration (References D073, D074, D075, D076, and M018).

Trenches A–D received TRU waste between 1974 and 1985 for storage until it could be disposed of at WIPP. Trenches A–D were excavated to different dimensions based upon the quantity of waste to be stored and the trench proximity to adjacent disposal pits. Placement of waste into Trench A occurred between March 1974 and October 1974. Trench B was active between April 1976 and April 1977. Waste placement in Trench C began in April 1977 and ended in September 1981. Trench D was active between September 1981 and December 1985. The TRU waste stored in the trenches consists of 30-gallon containers placed inside concrete casks (References D078, D079, M016, and P013).

The primary mission of the LWD Project at TA-54, Area G, is to retrieve, characterize, repackage, as necessary, and dispose of below-grade TRU waste. Retrieval operations typically include workspace setup, removal of below ground storage material (e.g., soil, tarps, and/or cement plugs), inspection of waste containers to be removed (i.e., evaluation of container integrity), radiological survey of the containers, physical removal of the containers using various mechanical means, and workspace cleanup. Retrieved containers that are intact may be washed with water and detergent to remove soil or contamination if found. The wash water is treated separately from the containerized waste. Depending on the type and condition of the retrieved container, further repackaging or processing may be required. For instance, FRPs will be transferred to the TA-54 Building 412 facility or TA-54 Dome 375 for safe disassembly and repackaging. CMPs will be cut into sections and packaged into drums or SWBs. Drums with integrity or prohibited item (e.g., liquid) issues may be repackaged or overpacked (i.e., 30-gallon drum placed into a 55-gallon drum) in the facilities/operations described in Section 4.4.9. Materials used during retrieval operations that may contaminate the waste include contamination fixatives (e.g., paint), concrete used for patching (e.g., Portland cement), epoxy, plastic sheeting and bags, and PPE. Figure 12, Below-Grade Drum Retrieval Flow Diagram, and Figure 13, Below-Grade Crate Retrieval Flow Diagram, depict the general below-grade drum and crate retrieval process (References C035, D072, D073, D074, D078, P013, and P014).

4.5 Waste Certification Procedures

The mixed heterogeneous debris waste stream LA-MHD04.001 and the mixed contaminated soil waste stream LA-MSG04.001, generated from the operations described above, will be certified in accordance with CCP-PO-001 (Reference 4).

5.0 REQUIRED WASTE STREAM INFORMATION FOR LA-MHD04.001

This section presents the mandatory waste stream AK required by the WIPP-WAP (Reference 2). Attachment 1 of procedure CCP-TP-005 (Reference 1), provides a list of the TRU waste stream information required to be developed as part of the AK record.

5.1 Area and Building of Generation

The debris waste included in waste stream LA-MHD04.001 was generated during plutonium processing and associated operations (e.g., D&D) at the TA-21 DP West Facility as described in Section 4.4. Container-specific records have been reviewed for each container to verify the physical composition and origin of the waste stream inventory included in the most current AK Tracking Spreadsheet (References C028, C032, C037, D059, M008, M011, M012, M013, M015, and M021).

5.2 Waste Stream Volume and Period of Generation

Waste stream LA-MHD04.01 is mixed heterogeneous debris waste generated from October 1971-September 2011. Table 4, LA-MHD04.001 Approximate Waste Stream Volume, summarizes the current volume of this waste stream. The majority of the DP West debris inventory is presently in below-grade retrievable storage at TA-54, Area G. Of the current population of 2,595 debris containers, 2,431 are currently stored below-grade at Area G. The containers listed as others are various nonstandard containers (e.g., cargo container). The projected volume may change based on the radiological characteristics of the waste containers, the condition of the retrievably stored below-grade containers, and repackaging operations. No future additional waste stream volume has been identified; however, it is expected that additional TRU waste could be generated during future D&D projects (e.g., cleanup of MDAs A and T) (References 1, C028, C032, C037, D059, DR002, M008, M011, M012, M013, M015, and M021).

Table 4. LA-MHD04.001 Approximate Waste Stream Volume

Containers	Volume (m^3)
552 30-gallon drums	62.6
1,802 55-gallon drums	378.4
14 85-gallon drums	4.5
1 110-gallon drum	0.4
16 SWBs	28.8
171 Crates	1,458*
39 Others	159.8*
2,595 Total	2,093

*Generator reported volumes.

5.3 Waste Generating Activities

Waste generated in TA-21 originated from materials used to produce metal and alloys of plutonium and other TRU elements from nitrate solution feedstock; fabricate the metals and alloys into precision shapes; measure the chemical and physical properties of plutonium metal and alloys; recover and recycle plutonium; and research and recover americium. Waste was also generated during D&D, waste repackaging, and retrieval operations. The operations are described in detail in Section 4.4 and include:

- Plutonium recovery operations
- Pyrochemical operations
- Metal operations
- Pu-239 fuels programs
- Americium processing operations
- Pu-238 processing
- Miscellaneous and special processing
- D&D operations
- Waste repackaging and prohibited item disposition
- Below-grade retrieval project

5.4 Type of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, radionuclide contaminants, and RCRA hazardous waste determinations for debris waste stream LA-MHD04.001. The waste stream is characterized based on knowledge of the materials, knowledge of the operations generating the waste, and physical descriptions of the waste.

5.4.1 Material Inputs Related to Physical Form

Waste stream LA-MHD04.001 consists of mixed heterogeneous combustible and non-combustible debris.

Subcategories include plastic and cellulose-based combustible materials. The major components of the waste generated at TA-21 include paper, rags, plastic, rubber, wood-based HEPA filters, filter media, cardboard, wipes, paper towels, filter/grinding/transfer paper, stoppers, tubing, valves, bottles, containers, plastic sheeting, cotton gloves, cotton coveralls, coveralls, paper coveralls, plastic booties, tape, laboratory coats, nylon booties, polyvinyl chloride plastic, Plexiglas, rubber-brass-steel supplied-air hoses, leather gloves, latex gloves, respiratory protection, hoses, hoods, various hand tools, ladders, and wood (References D059, D065, M003, M008, M011, M012, M013, and M015).

Non-combustible waste materials generated at the TA-21 DP West Facility consist of small tools, equipment, cans, pumps and motors, process equipment, gloveboxes and associated tunnels, holdup tanks, machine shop mill, lathe and press, glovebox windows, metal and stainless-steel ventilation ductwork, composite HEPA filters, metal pipes and valves,

graphite, concrete, dust, fiberglass filter media, brass nuts, steel washers, stainless-steel mesh, steel supports, PN equipment, glassware, ladders, filter frames, titanium and steel experimental containers, tantalum molds, sintered glass frits, stainless-steel filters, anode heels, casting skulls, shielding, foil, lead solder, and crucibles (References D059, D065, M003, M008, M011, M012, M013, M015, and M021).

Even though LANL waste management practices required the assignment of individual containers to a combustible or non-combustible population based on the predominant matrix type, the containers in this waste stream will contain varying amounts of these materials. In addition, this waste stream may contain smaller amounts (<50 percent by volume for each container) of homogeneous solids (e.g., absorbent materials, residues). Small amounts of liquids (e.g., cutting oil, lubricating oil, solvents) solidified in Ascarite, diatomaceous earth, vermiculite, Waste Lock 770, zeolite, or cement (e.g., Portland cement), may be present in this waste stream. Small amounts of solid process residues, such as ash from the thermal reduction of organic-based materials, salts (e.g., lithium chloride, potassium chloride, sodium chloride), hydroxide cake/filter materials, resin (e.g., polyvinyl pyridine), and leached residues (e.g., silica solids), may also contaminate this waste stream. Strippable coatings (e.g., ALARA 1146 and Sensor Coat) may be present in D&D generated containers (References D059, D065, M003, M008, M011, M012, M013, and M015).

Feed materials for plutonium processing operations at the DP West Facility that generated TRU waste are listed in Table 5, Feed Materials for Plutonium Processing Operations at DP West Facility (References D059, D065, and M003):

Table 5. Feed Materials for Plutonium Processing Operations at DP West Facility

Feed Material	Potential Presence of RCRA-Regulated Substances	Associated Operation Areas
Actinide metals and metal oxides (e.g., Am-241, Np-237, U-233)	High purity materials used for neutron sources. No RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Metal Operations—Welding Miscellaneous and Special Operations—Development of New Recovery Processes and Preparation of Isotopes
Aluminum oxide boats and crucible pieces	No RCRA constituents.	Recovery Operations—Pretreatment and Dissolution
Analytical laboratory solutions	Potentially contaminated with RCRA-regulated constituents: chromium, lead, mercury, acetone, butanol, carbon tetrachloride, chlorobenzene, chloroform, ethanol, methanol, methylene chloride, tetrachloroethylene, and xylene.	Recovery Operations—Precipitation Pu-238 Operations—Recovery and Solidification
Anode heels	Typically contaminated with cadmium, chromium, lead, and silver.	Recovery Operations—Dissolution Pyrochemical Operations—Electrorefining
Ash	Potential contamination with arsenic, barium, cadmium, chromium, lead, mercury, silver, and selenium metals are volatilized at high temperatures if present in the oxide and chloride forms.	Recovery Operations—Pretreatment and Dissolution

Table 5. Feed Materials for Plutonium Processing Operations at DP West Facility (Continued)

Feed Material	Potential Presence of RCRA-Regulated Substances	Associated Operation Areas
Casting skulls (Pu metal, Pu oxides, or Pu suboxides)	Potentially pyrophoric but the skulls were deliberately ignited under controlled conditions to remove pyrophoricity.	Recovery Operations—Pretreatment and Dissolution
Crucible pieces (tantalum, magnesium oxide)	Typically fairly pure; no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution
Fuel pellets	High purity Pu and U material types; no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Pu-239 Advanced Fuels Operations
Graphite molds	High purity Pu metal used in metal casting operations; no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Metal Operations—Casting
Hydroxide cakes	Typically contaminated with RCRA-regulated heavy metals cadmium, lead, mercury, silver, and possibly chromium.	Recovery Operations—Dissolution and Purification Pu-238 Operations—Dissolution and Precipitation Miscellaneous and Special Operations—Development of New Recovery Processes
MgO sand and crucibles	High purity Pu metal used in metal preparation operations; no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Pyrochemical Operations—Metal Preparation

Table 5. Feed Materials for Plutonium Processing Operations at DP West Facility (Continued)

Feed Material	Potential Presence of RCRA-Regulated Substances	Associated Operation Areas
Miscellaneous combustible items contaminated with Pu (e.g., rags, paper, wood, rubber gloves, graphite, plastics)	Usually suspect contaminated with arsenic, barium, cadmium, chromium, lead, mercury, silver, and selenium.	Recovery Operations—Pretreatment and Dissolution D&D Operations
Miscellaneous noncombustible items contaminated with Pu (e.g., tools, crucibles, metal, glass, plastic, labware, scrap, glovebox sweepings, HEPA filters)	May be contaminated with RCRA-regulated heavy metals cadmium, lead, mercury, silver, and possibly chromium.	Recovery Operations—Pretreatment and Dissolution D&D Operations
Pu carbides	High purity metal carbide; no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Miscellaneous and Special Operations—Metallography
Pu chlorides and fluorides/ tetrafluorides	Variable purity; may or may not contain RCRA substances.	Recovery Operations—Dissolution Pu-238 Operations—Heat Source Fabrication
Pu hydride	High purity metal hydride; no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Pu-238 Operations—Heat Source Fabrication

Table 5. Feed Materials for Plutonium Processing Operations at DP West Facility (Continued)

Feed Material	Potential Presence of RCRA-Regulated Substances	Associated Operation Areas
Pu metal	High purity unalloyed Pu metal. Potentially pyrophoric; however, oxidized or alloyed to remove pyrophoricity, no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Pyrochemical Operations—Metal Preparation
Pu metal alloyed with Cr	High purity Pu metal alloyed with chromium.	Recovery Operations—Pretreatment and Dissolution
Pu metal alloyed with Hg	High purity Pu metal alloyed with mercury.	Recovery Operations—Pretreatment and Dissolution
Pu metal alloyed with Al, Am, Bi, Ce, Co, Cu, Fe, Ga, Hf, In, Ir, Mg, Mn, Mo, Ni, Os, Pt, Rh, Ru, Ta, Th, Ti, U, Y, and/or Zr	High purity Pu metal alloys with various metals, no RCRA constituents.	Recovery Operations—Pretreatment and Dissolution Pu-238 Operations—Recovery and Fuel/ Heat Source Fabrication
Pu nitrate	May be contaminated with RCRA-regulated heavy metal chromium and possibly cadmium, lead, and silver.	Pu-238 Operations—Dissolution and Precipitation
Pu nitride	May be contaminated with RCRA-regulated heavy metal cadmium, chromium, lead, and silver.	Recovery Operations—Pretreatment Pu-239 Advanced Fuels Operations Pu-238 Operations—Heat Source Fabrication Miscellaneous and Special Operations—Metallography

Table 5. Feed Materials for Plutonium Processing Operations at DP West Facility (Continued)

Feed Material	Potential Presence of RCRA-Regulated Substances	Associated Operation Areas
Pu oxides	Variable purity oxides depending on origin; suspect contaminated with RCRA-regulated heavy metals cadmium, chromium, lead, and silver.	Recovery Operations—Pretreatment and Dissolution Pu-238 Operations—Dissolution, Precipitation, Heat Source Fabrication, Analysis, and Recovery Miscellaneous and Special Operations—Metallography
Pu oxalate	Pu oxalate precipitation used for purification. Precipitate is expected to be fairly pure, no RCRA constituents.	Recovery Operations—Dissolution and Purification Pu-238 Operations—Dissolution and Precipitation
Pu peroxides	Pu peroxide precipitation used for purification. Precipitate is expected to be fairly pure, no RCRA constituents.	Recovery Operations—Dissolution and Purification Pu-238 Operations—Heat Source Fabrication
Pu silicide	No RCRA constituents.	Recovery Operations—Dissolution
Pump/machine oils	No RCRA constituents.	Recovery Operations—Pretreatment D&D Operations
Pyrochemical salts (calcium chloride, calcium fluoride, magnesium chloride, potassium chloride, sodium chloride)	No RCRA constituents.	Pyrochemical Operations—Electrorefining and Metal Preparation

Table 5. Feed Materials for Plutonium Processing Operations at DP West Facility (Continued)

Feed Material	Potential Presence of RCRA-Regulated Substances	Associated Operation Areas
Reduction and casting residues	High purity Pu metal used in metal preparation and casting operations, no RCRA constituents.	Recovery Operations—Dissolution Pyrochemical Operations—Metal Preparation Metal Operations—Casting
Silica Solids	No RCRA constituents.	Recovery Operations—Dissolution
Uranium metal, carbides, nitrides, and oxides	No RCRA constituents.	Recovery Operations—Dissolution and Precipitation Metal Operations—Pit Disassembly, Special Recovery Line, and Welding Pu-239 Advanced Fuels Operations Miscellaneous and Special Operations—Metallography

5.4.1.1 Waste Matrix Code

Based on the evaluation of the materials contained in this waste stream and LANL waste management practices, the waste stream LA-MHD04.001 is comprised of greater than 50 percent of heterogeneous inorganic and organic debris. Therefore, Waste Matrix Code S5400, Heterogeneous Debris, is assigned to waste stream LA-MHD04.001. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any container may include nearly any percentage of the waste material parameters (WMPs) listed in Section 5.4.1.2, except that no individual drum will contain greater than 50 percent homogeneous solids (References 15, C028, D059, M003, and M008).

5.4.1.2 Waste Material Parameters

To estimate the WMPs for waste stream LA-MHD04.001, the RSWD code for each container was obtained from the Container Certification (CONCERT) database as of January 4, 2005. The WMP data were derived by assigning WMPs to each RSWD code based upon the description of the RSWD (References C028 and M008).

The WMPs for waste stream LA-MHD04.001 were further estimated by reviewing container inventory records for 2,069 containers which had net weights listed in the CONCERT database. The net weight of each container was categorized into one or more of the following WMPs: iron-based metals/alloys, aluminum-based metals/alloys, other metals, other inorganic materials, cellulosics, rubber, and plastics; based on the RSWD code assigned to the container. The 2,069 containers included in the evaluation represent 80 percent of the current waste stream. Average, minimum, and maximum WMP weight percentages were calculated using the CONCERT database data, and the results of this analysis are presented in Table 6, Estimated Waste Material Parameters, Waste Material Parameter Estimates for LA-MHD04.001 (Reference M008).

The statistical analysis of the data is documented in a memorandum (included with Attachment 6), as required by CCP-TP-005 (Reference 1).

Table 6. Estimated Waste Material Parameters

WMP Description	Average Weight Percent	Weight Percent Range
Iron Based Metals/Alloys	25.7%	0.0% - 46.6%
Aluminum Based Metals/Alloys	9.8%	0.0% - 17.8%
Other Metals	19.7%	0.0% - 35.6%
Other Inorganic Materials	5.6%	0.0% - 100.0%
Cellulosics	16.7%	0.0% - 100.0%
Rubber	12.9%	0.0% - 45.9%
Plastic (waste materials)	9.6%	0.0% - 100.0%
Organic Matrix	0.0%	0.0% - 0.0%
Inorganic Matrix	0.0%	0.0% - 0.0%
Soils/Gravel	0.0%	0.0% - 0.0%
Total Inorganic	**60.8%**	
Total Organic	**39.2%**	

5.4.2 Radiological Characterization

5.4.2.1 Pu-238, Pu-239, Pu-240, Pu-241, and Pu-242

The primary plutonium MT inputs for LANL activities are listed in Table 7, Average Isotopic Content of Plutonium Material Types and Enrichments. However, other MTs are occasionally introduced as feed material. The assignment of MTs is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex (References C021, D034, D058, D059, and D060).

The MT used in the operation generating each waste item is documented on generator records; however, in many cases, items of different MTs are packaged into the same waste container, so that a variety of plutonium isotopic ratios may be detected by radioassay. In addition, cross-contamination of equipment with different MTs can lead to variable MTs detected by radioassay (References D058, D060, M008, and M009).

The primary MT that feeds into the Pu-238 operations described in this report is heat source grade plutonium (MT 83), and these operations are not expected to alter the plutonium isotopic ratios of the feed material. Table 7 identifies the isotopic distribution of MT 83 based on 100 isotopic analyses and was decay corrected assuming the material was not chemically separated for 45 years (References 19, D058, D059, and D060).

5.4.2.2 U-233, U-234, U-235, and U-238

U-233 and U-238 were not normally components of the plutonium MTs handled at TA-21. U-235 is present from the decay of Pu-239 only at 0.1 percent by weight of the total plutonium content. However, all three isotopes have been introduced as special material. In addition, uranium-plutonium oxide mixtures have been processed to recover the plutonium. Significant quantities of U-234 will be present from the decay of Pu-238 in containers originating from heat source plutonium operations (References 19, D058, D059, and D060).

Table 7. Average Isotopic Content of Plutonium Material Types and Enrichments

Material Type (MT)	Plutonium Isotope (Weight%)						Estimated Weight% Relative to Total Plutonium[a]		
	Pu-238	Pu-239	Pu-240	Pu-241	Pu-242	Pu-244	U-234	U-235	Am-241
MT 51	0.006	96.77	3.13	0.076	0.018	-	0.001	0.1	0.06
MT 52	0.01	93.78	6.0	0.2	0.02	-	0.002	0.1	0.2
MT 53	0.03	91.08	8.45	0.366	0.071	-	0.007	0.09	0.3
MT 54	0.046	87.42	11.5	0.81	0.22	-	0.01	0.09	0.7
MT 55	0.06	83.88	14.73	1.03	0.304	-	0.02	0.09	0.9
MT 56	0.061	81.9	16.51	1.18	0.355	-	0.02	0.09	1.0
MT 57	0.433	74.63	20.7	2.55	1.69	-	0.1	0.08	2.0
MT 42	0.73	1.06	6.40	1.97	89.83	-	0.3	0.0009	3.0
MT 83	78.9	18.4	2.5	0.055	0.15	-	33.1	0.02	0.42

[a] These ratios are calculated under the assumption that there is no chemical fractionation.
Sources: References 19, C021, and D034

In general, uranium and its isotopes are expected to be present only at trace levels, if at all, if the feed material did not purposely contain uranium. However, some reactor fuel development, uranium-plutonium separation, and pit disassembly have uranium material as the feed material. The primary uranium MT inputs are listed in Table 8, Average Isotopic Content of Uranium Material Types and Enrichments (References 19, D058, D059, and D060).

Table 8. Average Isotopic Content of Uranium Material Types and Enrichments

Material Type	U-234	U-235	U-236	U-238
MT 12	0.0015	0.23	0.008	99.77
MT 35	0.36	37.6	0.14	61.9
MT 36	0.63	62.44	0.18	36.75
MT 38	1.03	93.04	0.41	5.53
MT 39	1.32	97.52	0.17	0.99

Sources: References 19, C021, and D034.

U-234 content must be estimated since this isotope cannot be reliably measured using nondestructive assay (NDA) techniques. The MT provides the basis for estimating an upper bound for U-234 based on the rate of decay of the precursor, Pu-238, and the assumption that there is no other source of uranium in the waste material. The content of U-234 in the Pu-239 MTs is calculated as the sum of the contributions expected from decay of Pu-238 and from uranium input to the operation, with the value of 0.014 conservatively used for the ratio of abundances of U-234 to U-235 in typical uranium MTs. The standard uranium MTs provide an estimate of the ratio of U-234 to U-235, where one of the MTs listed in Table 8 is an indicated MT in the waste container (References C019, C020, D058, D059, and D060).

5.4.2.3 Am-241

AK on the MT inputs provides the basis for estimating an upper boundary for Am-241 content based on the rate of decay of the precursor, Pu-241. The purpose of such bounding calculations is to provide a basis for identifying significant enrichment or depletion of Am-241 based on radioassay results for individual waste containers. The calculations assume that (a) none of these isotopes were initially present in the material, (b) the oldest plutonium material in inventory dates back to January 1, 1960, and (c) the legacy waste was packaged on January 1, 1996, making it 36 years old at that time. In general, wastes from the plutonium recovery process are enriched with Am-241, because a primary intent of the recovery process is to reduce the americium content of the retained plutonium (References 19, C021, D058, D059, and D060).

No correlation is expected among the different radioelements, Pu, Np, U, Protactinium (Pa), or Am. The differences in valence states and chemical affinities among these elements are expected to result in substantial fractionation during several recovery operations, including ion-exchange, solvent extraction, hydroxide precipitation, and dissolution (References C017, C018, D058, D059, and D060).

5.4.2.4 Other Radionuclides Present Due to Decay

Other radionuclides will be present in most of the wastes from the decay of a plutonium isotopic precursor or as a contaminant in the feed material (References C017, C018, D031, D058, D059, and D060):

- Np-237, the decay product of Am-241 (half-life, 458 yr), is expected to be present in minor amounts in most waste from recovery operations

- Am-243, the decay product of Pu-243 (half-life, 5.0 hr), is expected to be present in minor amounts in most wastes from recovery operations. Pu-243 is produced by neutron capture on Pu-242 during fuel irradiation
- Pa-231, the decay-chain daughter of U-235, is expected to be present in trace amounts in some wastes due to its widespread presence as a contaminant in recovery operations
- Actinium (Ac)-227, the decay-chain daughter of Pa-231, is expected to be present in trace amounts where Pa-231 is present, but at several orders of magnitude less than Pa-231.

5.4.2.5 Cs-137 and Sr-90

Cs-137

Cs-137 is a product of the spontaneous fission of Pu-238, Pu-239, and especially Pu-240. Cs-137 is also a trace contaminant in purified plutonium from the production reactors. In the latter case, the remaining cesium could be on the order of 0.5 nanograms per gram (ng/g) plutonium. In the former instance, the formation of Cs-137 due to spontaneous fission would lead to about 0.4 picograms per gram (pg/g) plutonium in plutonium that is ten years old. Because Cs-137 due to spontaneous fission is about a factor of a thousand less than that due to residual contamination from the original separation on the production fuel, the latter is the dominant source of cesium in waste (References C017, C018, D058, D059, and D060).

Sr-90

Like Cs-137, Sr-90 is a high yield fission product and is unlikely to be present except as a trace remnant from plutonium production/processing. Unlike Cs-137, however, Sr-90 (together with its Y-90 daughter) emits no significant gamma radiation that would allow it to be quantified by direct gamma counting. Therefore, no reliable means exists for the direct NDA of Sr-90. However, because of the requirement that an estimate of Sr-90 content be made, the following approach is taken. In plutonium production runs, Cs-137 and Sr-90 are produced at approximately the same level. These two nuclides have very similar half-lives (~ 30 y) and will, therefore, be present at roughly the same activity level prior to commencement of any processing operations. If it is assumed that strontium and cesium are not fractionated from one another during chemical processing, Cs-137 may be used as a marker for Sr-90 activity at a ratio of 1:1 (References 19, D058, D059, and D060).

5.4.2.6 Estimated Predominant Isotopes and 95 percent Total Activity

Radionuclide data established by the waste generator on a container basis was evaluated to determine the relative radionuclide weight and activity for waste stream LA-MHD04.001. This evaluation was performed using the combined data for over 99 percent of the container population in this waste stream. From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and Pu-238, while over 95 percent of the total

activity in the waste stream is from Pu-238 and Pu-241. Table 9, Estimated Isotopic Distribution for the LA-MHD04.001 Waste Stream, identifies the relative radionuclide weight and activity percent of expected radionuclides over the entire waste stream based on the container data evaluated. As illustrated in Table 9, the radionuclide weight percent of individual radionuclides varies greatly on a container-by-container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides, but may contain other radionuclides expected in this waste stream (References C028, C032, C037, M008, and M009).

5.4.2.7 Use of Radionuclide Isotopic Ratios

For waste containers where direct measurement does not yield useable isotopic ratio information, AK may be used to supplement direct measurement data in accordance with the WIPP-WAC (Reference 3). The ratios that may be used are those identified in Tables 7 and 8 in conjunction with the corresponding nuclear MT identified by the waste generator on a container basis. The specific use and confirmation of AK related to WIPP-certified assay measurements of containers in this waste stream is documented in the memorandum written in accordance with the requirements of CCP-TP-005 (Reference 1).

Table 9. Estimated Isotopic Distribution for the LA-MHD04.001 Waste Stream

Radio-nuclide	Number of Containers with Reported Nuclide	Total Radio-nuclide Weight %[1,5]	Total Radio-nuclide Curie%[2,5]	Radionuclide Wt% Range for Individual Containers[3,5]	Radionuclide Ci% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides						
Am-241	33	0.01%	0.01%	0 - 100.00%	0 - 100.00%	Yes
Pu-238	2,409	**18.70%**	**94.11%**	0 - 100.00%	0 - 100.00%	Yes
Pu-239	2,225	**58.72%**	1.07%	0 - 100.00%	0 - 100.00%	Yes
Pu-240	2,070	2.96%	0.20%	0 - 38.98%	0 - 68.66%	Yes
Pu-242	2,060	0.03%	Trace	0 - 30.77%	0 - 0.11%	Yes
U-233	28	14.43%	0.04%	0 - 100.00%	0 - 100.00%	Yes
U-234	1	Trace	Trace	0 - Trace	0 - 0.10%	Yes
U-238	1	16.46%	Trace	0 - 98.73%	0 - 0.11%	Yes
Cs-137	5	Trace	Trace	0 - Trace	0 - 1.18%	Yes
Sr-90	1	Trace	Trace	0 - Trace	0 - 0.17%	Yes
Additional Radionuclides						
Cm-243	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Co-56	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Co-60	1	Trace	Trace	0 - Trace	0 - Trace	Yes
H-3	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Mn-56	2	Trace	Trace	0 - Trace	0 - Trace	Yes
Na-22	3	Trace	Trace	0 - Trace	0 - Trace	Yes
Np-237	14	Trace	Trace	0 - 30.77%	0 - 0.02%	Yes
Pa-231	7	Trace	Trace	0 - 7.69%	0 - 0.34%	Yes
Pu-241	2,057	0.15%	**4.56%**	0 - 2.55%	0 - 93.99%	Yes
U-235	13	4.52%	Trace	0 - 100.00%	0 - 100.00%	Yes
Other radionuclides that may be present in unknown amounts (no data values were available, although the radionuclides were listed in databases)						
U-236						Yes

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity percent for that radionuclide.

The isotopic composition of individual waste containers may differ from that expected overall for the waste stream. For example, waste contaminated mostly with MT-54 is expected in the Pu-239 processing waste streams because of its use in the reactor fuel program and its presence in the Hanford Ash material. Waste containers may also be cross-contaminated with MTs that are not reported in the AK record, or frequently contain more than one MT. For example, Pu-239 MTs may be cross-contaminated with heat source plutonium (Pu-238) and vice-versa. However, the overall composition of the plutonium processing waste streams is expected to be dominated by Pu-239 and Pu-238. (References C032, C037, D058, D059, and D060).

5.4.3 Chemical Content Identification – Hazardous Constituents

Waste Stream LA-MHD04.001 has historically been managed in accordance with the generator site requirements and in compliance with the requirements of the New Mexico Environmental Department. Based on historical waste management and LANL's TRU Program (reference LANL waste streams LA-TA-55-19, LA-TA-55-30, LA-MHD02-238, and LA-MHD03-DD), the containers in this waste stream were managed as hazardous and assigned EPA HWNs for arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), and trichloroethylene (D040) and F-listed solvents (F001, F002, F003, and F005). A review of available AK documentation has determined that this waste is hazardous for the above constituents; however, HWNs D018, D019, D021, D035, D038, D039, D040, and F003 were not assigned. These HWNs were not included because the more specific F-listed HWNs have been assigned to the waste stream and the waste will not exhibit the characteristic of ignitability. The following sections further describe the characterization rationale for the assignment of EPA HWNs to waste stream LA-MHD04.001. Table 10, Waste Stream LA-MHD04.001 Hazardous Waste Characterization Summary, summarizes the waste codes assigned to this waste stream. The HWN assignment has been applied on a waste stream basis; individual containers may not contain all of the hazardous materials listed for the waste stream as a whole (References 19, D059, D060, and DR001).

Table 10. Waste Stream LA-MHD04.001 Hazardous Waste Characterization Summary

Waste Stream	EPA HWNs
LA-MHD04.001	D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, and F005

To assign EPA HWNs, the available AK documentation, including historical documents, plans, procedures, reports, and interviews with the DP West subject matter expert, was reviewed to assess chemical inputs to the operations at the DP West Facility and to identify hazardous material potentially contaminating waste stream LA-MHD04.001. As discussed in Section 4.4, the plutonium operations formerly conducted at DP West in the 1970s were the basis for operations at the TA-55 Plutonium Facility. The wastes resulting from past operations at the DP West Facility are the same as certain wastes generated at the TA-55 Plutonium Facility. The number of AK source documents relating to TA-21 DP West and the level of detail in these documents is also less than that available in the compilation of AK for the TA-55 Plutonium Facility. This report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in the TA 55 Plutonium Facility, including associated chemical and material inputs. Therefore, the chemical and material inputs identified in CCP-AK-LANL-006, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-55 Mixed Transuranic Waste, Waste Streams: LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, LA-MIN04-S.001* (Reference 19), were included in this section. In addition, MSDSs and other manufacturer information was obtained for the commercial products to determine the

presence of RCRA regulated compounds. As demonstrated below in Table 11, Chemical Identification and Use Summary, several of the HWNs were assigned due to lack of analytical evidence that these constituents would have not exceeded the regulatory thresholds (References 19, D007, D009, D013, D036, D037, D038, D039, D040, D041, D059, and DR001).

Table 11. Chemical Identification and Use Summary

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
1,1,1-Trichloroethane (chlorothene)	Metallographic sample cleaning (<1992) and contaminant of hydroxide solids. Degreasing solvent and component of Tap Magic.	D002, D013, D065, Reference 19	F001, F002
1,2-Dimethoxyethane	Actinide R&D reagent.	Reference 19	NA
1-Propanol	Used in cold traps and cooling baths during plutonium fluorination.	Reference 19	NA
Acetone	Contaminant of cement fixation process and hydroxide solids. May be associated with all debris waste generated by metallography. Chloride operations reagent.	C015, D036, D038, D039, D049, D065, M002, Reference 19	NA
Acetonitrile	Non-aqueous dissolution/extraction.	Reference 19	NA
ALARA 1146 Strippable Coating	Used to remove loose contamination in the D&D process.	D070, M010	NA
Alconox	Pu-238 oxide sample cleaning soap.	D065, M010, Reference 19	NA
Aluminum chloride	Chloride operations ion-exchange reagent.	Reference 19	NA
Aluminum fluoride	Plutonium recovery operations.	D002, Reference 19	NA
Aluminum hydroxide	Miscellaneous Pu operations.	D013, D059	NA
Aluminum metal/oxide (alumina)	Metallographic sample polishing, ash fluorination gas trap, metal used in machining operations, and component of equipment/tools.	D013, D042, D059, D065, Reference 19	NA
Aluminum nitrate	Pu-238 oxide purification and actinide R&D recovery operations reagent. Dissolution and leaching reagent.	D002, D013, D059, D065, D069, Reference 19	NA
Amberlite LA-1	Extractant used to separate Pu from zirconium.	D069, M010	NA
Ammonium chloride	Hydroxide precipitation and plutonium chlorination reagent.	Reference 19	NA
Ammonium bifluoride	Metal etching reagent used in quantities of 1 g or less.	D002, D013, D059	NA
Ammonium hydroxide	Plutonium processing reagent.	D069, Reference 19	NA
Ammonium nitrate	Chemical used in 1947 to extract/precipitate Pu.	D069	NA
Antimony pentafluoride	Actinide R&D reagent.	Reference 19	NA
Armeen 2-12 (Dodecylamine, Laurylamine)	Extractant used to separate Pu from zirconium.	D069, M010	NA
Arsenic	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions. Evaporator sludge contaminant and sputter coating reagent.	D037, D039, Reference 19	D004

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Asbestos	Material used in furnace operations in the MCDOR process. Transite board, pipe insulation in residues generated by Pu metal operations.	C016, D002, D059, D068	NA
Ascarite	Carbon dioxide absorbent used in fuel fabrication process.	Reference 19	NA
Ascorbic acid	Actinide R&D recovery operations and dissolution reagent.	Reference 19	NA
Barium	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, pyrochemical salts, and analytical solutions. Component of paint.	D002, D039, D040, D041, D065, M010, Reference 19	D005
Benzene	Cement fixation contaminant and actinide chemistry R&D reagent.	C015, D038, Reference 19	F005
Beryllium	Contaminant of plutonium/beryllium sources and metal used in machining operations.	P003, P007, Reference 19	NA
Bismuth/bismuth-tin alloy	Metal used in electrorefining and sample mounting.	D013, D042, D059, Reference 19	NA
Bromine	Fluorination of ash and R&D reagent.	Reference 19	NA
Bromobenzene	Plutonium machining reagent.	D009, D037, D059, Reference 19	NA
Bromocresol purple	Hydroxide precipitation indicator.	Reference 19	NA
Bromo Mandelic acid (4-Bromomandelic acid)	Precipitation reagent used to separate zirconium from Pu.	D013, D042, D059	NA
n-Butyl alcohol (butanol)	Contaminant of cement fixation process. Chloride operations reagent.	D013, D036, D059, D065, Reference 19	NA
Cadmium	Contaminant of plutonium feed, hydroxide cake, anode heels, ash, actinide separation waste, and analytical solutions. Solvent metal used in electrorefining. Component of paint.	C014, D002, D007, D039, D040, D041, D065, M002, M010, Reference 19	D006
Calcium carbonate	Scrubber system, hydroxide precipitation, dissolution, and salt stripping reagent.	D065, Reference 19	NA
Calcium chloride	Electrorefining and direct oxide reduction reagent.	D013, D059, D065, Reference 19	NA
Calcium fluoride	Actinide R&D recovery operations and leaching plutonium residues reagent.	D002, D013, D059, D065, Reference 19	NA
Calcium hydroxide	Neutralization of acids.	Reference 19	NA
Calcium metal/oxide	Actinide R&D and direct oxide reduction reagent.	C008, D013, D042, D065, Reference 19	NA
Calcium nitrate	Nitrate operations reagent.	D013, D059, Reference 19	NA
Camphor	Fuel fabrication reagent.	D019, D049, D065, M010	NA
Carbon tetrachloride	Contaminant of cement fixation process and hydroxide solids. Chlorination of plutonium oxide and chloride operations reagent.	C014, D002, D036, D039, D040, D065, M002, Reference 19	F001
Cerium	Metal used in Pu processing operations.	D013, D042, D059	NA
Cerium nitrate	Metal etching reagent.	D002, D013, D059, Reference 19	NA
Cesium chloride	Molten salt extraction reagent salt and dissolution reagent.	Reference 19	NA

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Chlorobenzene	Contaminant of cement fixation process and hydroxide solids. Analytical lab and chloride operations reagent.	C015, D036, D039, D065, M002, Reference 19	F002
Chloroform	Contaminant of cement fixation and miscellaneous processing. Chloride and miscellaneous operations reagent.	C015, D036, D038, D039, D065, Reference 19	D022
Chromium	Contaminant of plutonium feed, anode heels, hydroxide cake, ash, actinide separation waste, and analytical solutions. Potentially leached from stainless steel materials. Component of paint.	C014, C016, D002, D004, D007, D036, D038, D039, D041, D042, D050, D065, P003, M002, M010, P007, Reference 19	D007
Citofix/Durofix	Metallographic sample mounting.	Reference 19	NA
Citrapeel (orange peel based degreaser)	Used to strip paint.	Reference 19	NA
Cobalt	Metal used in Pu processing operations.	D013, D042, D059	NA
Cobalt nitrate	Electro-oxidation reagent.	Reference 19	NA
Copper	Component of gaskets and wool. Metal used in Pu processing operations.	D002, D013, D042, D059, Reference 19	NA
Decyl alcohol	Extractant used to separate Pu from zirconium.	D069	NA
Diamond powder	Metallographic polishing compound.	D065, Reference 19	NA
Diatomaceous earth	Silica based filter aid and absorbent material.	D013, D042, D059, M010, Reference 19	NA
Diammonium citrate	Formed as a result of early Pu purification process.	D069, M010	NA
Dibutyl butyl-phosphonate (DBBP)	Actinide R&D reagent.	Reference 19	NA
Dicesium hexachloroplutonate (DCHP)	Residue precipitation reagent.	Reference 19	NA
Diethylenetriamine	Metallographic sample mounting.	D002, D059, D065, Reference 19	NA
Diethyl oxalate	Actinide R&D recovery operations reagent.	Reference 19	NA
Dihexyl N, N-diethylcarbamoylmethyl phosphonate (DHDCMP)	Extraction solvent reagent.	Reference 19	NA
Diisopropyl benzene	Extraction solvent, diluent, and actinide R&D reagent.	D038, Reference 19	NA
Dimethyl sulfoxide	Actinide R&D reagent.	Reference 19	NA
n-Dodecane	Actinide R&D solvent diluent and chloride extraction reagent.	Reference 19	NA
Dowanol EB	Sodium metal neutralization reagent.	Reference 19	NA
Duco cement	Sealing cuvettes.	D065, M010, Reference 19	NA
Epoxy cement (e.g., Epon Resin 8132)	Metallographic sample mounting. Retrieval operations.	D002, D065, M010, P014, Reference 19	NA
Ethanol	Used for cleaning capsules and tools during Pu-238 oxide sampling. R&D and recovery reagent. Contaminant of cement fixation.	D002, D042, D059, D065, Reference 19	NA
Ethylenediaminetetra-acetic acid (EDTA)	Extraction reagent and decon solution.	D013, D042, D047, D059	NA

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Ethylene glycol	Pu-238 oxide sampling suspension. Particle analysis of oxides.	D065, M010, Reference 19	NA
Ethyl ether	Actinide R&D/actinide reagent and cleaning solvent.	D038, D042, D069, Reference 19	NA
Fantastik (fantastic)	Pu-238 oxide sampling and spray cleaner for machining. Used during decontamination operations.	C027, D065, D070, M010, Reference 19	NA
Ferric ammonium sulfate hydrate	Nitrate operations reagent.	Reference 19	NA
Ferric hydroxide	Plutonium precipitation reagent.	D042, D053, D059, D065	NA
Ferric nitrate	Waste solidification and dissolution reagent.	D002, D013, D059, D065, Reference 19	NA
Ferrous ammonium sulfate	Nitrate anion-exchange and Actinide R&D recovery operations reagent.	D002, D013, D059, Reference 19	NA
Ferrous chloride	Residue precipitation reagent.	D065, Reference 19	NA
Ferrous sulfamate	Ash leaching reagent.	Reference 19	NA
Fluoristan (stannous fluoride)	Actinide R&D recovery operations reagent.	Reference 19	NA
Fluorosulfonic acid	Actinide R&D reagent.	Reference 19	NA
Formamide	Actinide R&D recovery operations reagent.	Reference 19	NA
Formic acid	Dissolution and plutonium recovery reagent.	D059, Reference 19	NA
Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane)	Miscellaneous processing contaminant and recovery operations reagent. Cleaning, cooling, and ultrasonic degreasing operations solvent.	D037, D038, D065, P003, P007, Reference 19	F001, F002
Gallium	Actinide R&D and casting reagent. Metal used in electrorefining and compatibility testing.	D013, D042, D059, Reference 19	NA
GoJo cleaner (kerosene derivative)	Parts cleaning solution.	Reference 19	NA
Gold	Metal used in welding operations, coating material, and component of transfer boat used in plutonium reduction.	Reference 19	NA
Graphite	Graphite aeroshells and insulators, molds, blocks, and powder for fire suppression.	D013, D059, D065, Reference 19	NA
Gypsum cement (Envirostone)	Cement used in cement fixation process.	D065, M010, Reference 19	NA
Hafnium oxide	Metal used in Pu processing operations.	D013, D059, D065	NA
Hexane	Miscellaneous processing contaminant and R&D solvent for actinide chemistry.	D065, Reference 19	NA
Hydrazine dihydrochloride	Actinide R&D and sensors/instrumentation development reagent.	Reference 19	NA
Hydrazine hydrochloride	Actinide R&D reagent.	Reference 19	NA
Hydriodic acid	Metallographic sample etching and polishing.	D042, D048, D059, D065	NA
Hydrobromic acid	Metallographic sample etching.	D065, Reference 19	NA
Hydrochloric acid	Dissolution and recovery, sample etching, and actinide R&D recovery operations reagent. Chloride ion-exchange reagent.	D042, D048, D059, D065, Reference 19	NA

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Hydrofluoric acid	Dissolution of oxide pellets, scrap processing, decontamination, sample etching, actinide R&D recovery operations reagent, and metal leaching.	D004, D059, D065, Reference 19	NA
Hydrofluorous acid	Chemical used in the 1940s to recover Pu.	D069	NA
Hydrogen peroxide	Actinide R&D recovery operations reagent, peroxide precipitation, and dissolution.	D002, D041, D065, Reference 19	NA
Hydroxylamine hydrochloride	Actinide R&D and ion-exchange reagent.	D013, D059, Reference 19	NA
Hydroxylamine nitrate	Scrap processing, actinide R&D recovery operations, ion-exchange, and hydroxide precipitation reagent.	D043, D065, Reference 19	NA
Indium	Metal used in compatibility testing and Pu processing operations.	D013, D042, D059, Reference 19	NA
Iodine	Actinide R&D and Pu reduction reagent.	D002, D013, D059, Reference 19	NA
Iridium	Metal used in Pu including Pu-238 processing operations.	D007, D013, D042, D049, D059	NA
Isopar H (isoparaffin solvent)	Actinide R&D reagent.	Reference 19	NA
Isopropanol	Miscellaneous processing waste contaminant, cleaning agent, and actinide R&D reagent.	D065, Reference 19	NA
Kerosene	Metallurgical sample preparation and Pu extraction solvent.	D039, D042, D059, D069, M010, Reference 19	NA
Lactic acid	Metallographic sample etching and polishing.	D019, D047	NA
Lanthanide metals	Actinide chemistry R&D reagents and Pu processing operations.	D013, D042, D059, Reference 19	NA
Lanthanum nitrate	Plutonium dissolution and precipitation.	D013, D059, Reference 19	NA
Lead	Leaded gloves, shielding, sheeting, and discs. Contaminant of actinide separation waste, analytical solutions, ash, hydroxide cake, plutonium feed, and solder. Solvent metal used in electrorefining. Component of paint.	C014, D002, D004, D007, D036, D037, D038, D039, D040, D041, D050, D065, M002, M010, Reference 19	D008
Lead hydroxide, oxide, and nitrate	Actinide R&D reagents.	Reference 19	D008
Liqui-Moly (molybdenum lubricant)	Pellet press die lubricant.	Reference 19	NA
Lithium chloride	Direct oxide reduction reagent salt.	Reference 19	NA
Lithium fluoride	Metallographic sample etching.	D002, D013, D059	NA
Lithium metal/oxide	Actinide R&D and direct oxide reduction reagent.	Reference 19	NA
Lonzest SML-20 organic liquid emulsifier	Cement fixation liquid emulsification.	Reference 19	NA
Lutetium	Metal operations reagent.	Reference 19	NA
Magnesium chloride	Molten salt processing reagent.	D065, Reference 19	NA
Magnesium hydroxide	Dissolution and pyrochemical operations reagent.	Reference 19	NA

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Magnesium metal/oxide	Actinide R&D reagent, crucibles, and magnesia sand.	D002, D037, D065, Reference 19	NA
Magnesium perchlorate	Water vapor removal reagent.	Reference 19	NA
Manganese	Metal used in Pu processing operations.	D013, D042, D059	NA
Mercuric nitrate	Catalyst used in nitrate operations.	Reference 19	D009
Mercury	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, evaporator sludge, and analytical solutions. Component of paint.	D002, D007, D009, D036, D039, D041, D042, D065, M010, Reference 19	D009
Metalprep 79 (phosphoric acid-based metal cleaner)	Metal cleaner.	D059, M010, Reference 19	NA
Methanol	Cleaning solvent, diluent, contaminant of cement fixation process. Chloride and nitrate operations reagent.	D002, C015, D036, D038, D039, D042, D065, Reference 19	NA
Methylene chloride	Paint stripper, contaminant of cement fixation, hydroxide cake, and miscellaneous processing. Chloride operations and actinide R&D reagent. Component of REZ-N-Bond.	C015, D036, D038, D039, D065, M002, Reference 19	F001, F002
Methyl ethyl ketone	Degreasing solvent.	D037, D065, Reference 19	F005
Methyl isobutyl ketone (Hexone)	Solvent extraction reagent.	D042	NA
Molybdenum metal/oxide	Metal used in machining operations, fuel elements, salt stripping reagent, and component of Liqui-Moly.	D059, Reference 19	NA
MolyKote	Silicon-based lubricant used during the hand pressing of oxide pellets.	P004, D059, M010, Reference 19	NA
Neutracleaner #1 and #2	Machining operations cleaner.	Reference 19	NA
Nickel metal/powder	Reactor fuel development sintering aid. Metal used in Pu processing operations.	D013, D042, D059, Reference 19	NA
Niobium	Metal used in welding operations, fuel elements, and electrorefining reagent.	D059, Reference 19	NA
Nitric acid	Dissolution and recovery, etching, scrap processing, decontamination, leaching, nitrate ion-exchange, and cement fixation pH adjustment.	D002, D004, D065, C069, Reference 19	NA
Oakite 90/ruststripper	Caustic metal cleaner.	Reference 19	NA
Octylphenyl di-isobutyl carbamoylmethyl phosphine oxide (CMPO)	Actinide R&D reagent and extraction solvent.	Reference 19	NA
Oil (e.g., 3-in-1, Dow Corning 2000, Fomblin Pump, hydraulic, mineral, Texaco Regal 32, and Vactra 2 oil)	Metal preparation, machining, cutting, grinding, polishing, and cooling operations.	D002, D042, D060, M010, P002, Reference 19	NA
Organicstrip	Non-regulated paint stripper.	Reference 19	NA
Osmium	Metal used in Pu processing operations.	D013, D042, D059	NA
Oxalic acid	Laboratory and anion-exchange reagent, scrap processing, oxide/pellet dissolution and precipitation, and actinide R&D recovery operations reagent.	D002, D065, Reference 19	NA

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Paint (e.g., Krylon Clear)	Used during maintenance and contamination control activities. Retrieval operations.	D002, D013, M010, P014	D005, D006, D007, D008, D009
Palladium	Metal used in Pu processing operations.	D013, D042, D059	NA
Pentane	R&D solvent for actinide chemistry.	Reference 19	NA
Perchloric acid	Actinide R&D and laboratory reagent.	Reference 19	NA
Phenolphthalein	Reagent (pH indicator).	D065, Reference 19	NA
Phosphoric acid	Plutonium recovery reagent and component of Metalprep 79.	D059, Reference 19	NA
Picric acid	Contaminate of concern in D&D operations.	D068	NA
Platinum	Plutonium recovery operations and actinide R&D reagent. Component of electrodes, filters/screens, fuel element sleeves, and furnace can linings.	D042, D059, Reference 19	NA
Polychlorinated biphenyls (PCBs)	In capacitors of fluorescent light ballasts.	Reference 19	NA
Polyethylene glycol (Carbowax)	Fuel fabrication reagent.	D019, D044, D045, M010, Reference 19	NA
Polyoxyethylene-20-sorbitan laurate (surfactant)	Plutonium recovery operations.	Reference 19	NA
Polyvinyl pyridine (resin)	Dissolution and recovery operations ion-exchange resin.	D065, Reference 19	NA
Portland cement	Cement fixation, waste packaging absorbent, and retrieval operations.	D065, M010, P014, Reference 19	NA
Potassium carbonate	Plutonium operations reagent.	D013, D059	NA
Potassium chloride	Electrorefining and molten salt extraction reagent.	D002, D013, D059, D065, Reference 19	NA
Potassium chromate	Dissolution and chloride anion-exchange reagent.	Reference 19	D007
Potassium dichromate	Silver nitrate titrations, hydroxide precipitation, and chloride solvent extraction reagent.	D036, D038, M002, Reference 19	D007
Potassium ferricyanide	Metallographic sample etching and polishing.	D019, D065	NA
Potassium fluoride	Dissolution and leaching operations reagent.	D013, D059, Reference 19	NA
Potassium hydroxide	Caustic scrub solution for thermal decomposition, dissolution, and reactive chemical neutralization.	D002, Reference 19	NA
Potassium iodide	Plutonium recovery operations reagent.	D013, D042, D059	NA
Potassium nitrate	Plutonium recovery operations reagent.	D013, D042, D059	NA
Potassium permanganate	Pretreatment, decontamination, and R&D reagent.	D013, D059, Reference 19	NA
Potassium pyrosulfate	Dissolution and scrap recovery operations reagent.	D002, D042, D029, Reference 19	NA
Potassium thiocyanate	Dissolution operations reagent.	Reference 19	NA
Primene JMT (Tert-Alkylamines)	Extractant used to separate Pu from zirconium.	D069, M010	NA
Pyridine	Uranium triiodide reagent, R&D solvent, and cement fixation process contaminant.	D038, Reference 19	F005

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
REZ-N-Bond	Solvent bonding (contains methylene chloride).	Reference 19	F002
Rhenium	Metal used in fuel elements.	Reference 19	NA
Rhodium	Actinide R&D reagent and component of fuel element sleeves.	D013, D042, D059, Reference 19	NA
Ruthenium	Metal used in Pu processing operations.	D013, D042, D059	NA
Selenium	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions.	D038, D059, D063, Reference 19	D010
Sensor Coat, Strippable Coating	Used to remove loose contamination in the D&D process.	D070, M010	NA
SF-2I (3M secondary fluid)	Machining coolant/fluid.	Reference 19	NA
Silicon	Metal used in Pu processing operations.	D039, D044, D059, D065	NA
Silicone adhesive (e.g., sylgard 184)	Vessel handling and unloading. Compound used in compatibility testing.	Reference 19	NA
Silicone defoamer (GE 9120)	Cement fixation reagent.	D065, M010, Reference 19	NA
Silicone lubricant	Metal operations lubricant.	Reference 19	NA
Silver	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, cement fixation contaminant, and laboratory reagent.	C014, C016, C023, D007, D036, D038, D039, D040, D041, D042, D065, P007, Reference 19	D011
Silver nitrate	Leaching, solvent extraction, and laboratory reagent.	D041, Reference 19	D011
Sodium acetate	Chemical used in 1944 to extract/precipitate Pu.	D069	NA
Sodium bicarbonate	Dissolution and ash fluorination reagent.	Reference 19	NA
Sodium bromate	Plutonium recovery reagent.	D013, D042, D059, D069	NA
Sodium carbonate	Actinide R&D and plutonium recovery operations reagent.	D013, D059, U002, Reference 19	NA
Sodium chloride	Electrochemical and plutonium recovery operations reagent salt.	D002, D013, D059, D065, Reference 19	NA
Sodium chlorite	Actinide R&D and plutonium recovery operations reagent.	Reference 19	NA
Sodium chromate	Plutonium dissolution and precipitation.	Reference 19	D007
Sodium citrate retarder	Cement fixation reagent.	D013, D059, D065, M010, Reference 19	NA
Sodium dithionate	Actinide R&D and dissolution reagent.	Reference 19	NA
Sodium fluoride	Dissolution and scrap recovery operations reagent.	D002, D013, D059, Reference 19	NA
Sodium hydroxide	Cement fixation (pH adjustment), Pu-238 purification, caustic scrubber solution, dissolution, electrorefining, and actinide R&D recovery operations reagent.	D002, D004, C069, Reference 19	NA
Sodium metal/oxide	Actinide R&D reagent, electrorefining, fuel cladding, sodium bonding, and oxide reduction.	Reference 19	NA
Sodium metaphosphate	Heat source fabrication operations.	Reference 19	NA
Sodium nitrate	Ion-exchange, scrap processing, and actinide R&D recovery operations reagent.	D013, D059, Reference 19	NA

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Sodium nitrite	Dissolution, leaching, and actinide R&D recovery operations reagent.	D002, D065, D069, Reference 19	NA
Sodium oxalate	Dissolution and precipitation reagent.	Reference 19	NA
Sodium pyrophosphate	Sucrose recovery of Pu-238.	D065, Reference 19	NA
Sodium sulfate	Electrolytic decontamination reagent..	Reference 19	NA
Sodium tetraborate	Pressure testing reagent.	Reference 19	NA
Sodium thiosulfate	Plutonium recovery reagent.	D013, D042, D059	NA
Stannous chloride	Plutonium recovery reagent.	Reference 19	NA
Stearic acid	Fuel production reagent, recovery operations, and component of silicone adhesive.	Reference 19	NA
Sucrose	Sucrose recovery of Pu-238 and microspherical fuel reagent.	D065, Reference 19	NA
Sulfamic acid	Plutonium recovery reagent.	D013, D042, D059	NA
Sulfuric acid	Peroxide precipitation, dissolution, R&D, Pu-238 recovery from iridium, etching, and actinide R&D recovery operations reagent.	D002, D013, D059, D065, Reference 19	NA
Tantalum	Metal used in welding operations, fuel elements, and crucibles. Dissolution and electrorefining reagent.	D013, D042, D059, Reference 19	NA
Tap Magic	Machining coolant (contains 1,1,1-trichloroethane).	Reference 19	F002
Tetrachloroethylene	Degreasing, cleaning solvent, diluent, contaminant of cement fixation process and hydroxide solids. Chloride operations reagent.	C015, D036, D038, D039, D065, M002, Reference 19	F001, F002
Tetraethylamine chloride	Actinide R&D reagent.	Reference 19	NA
Tetraethylammonium hydroxide	Actinide R&D reagent.	Reference 19	NA
Tetrahydrofuran	Synthesis R&D reagent, actinide R&D reagent, Np and Pu metal cleaner.	D038, Reference 19	NA
Thenoyltrifluoroacetone	Solvent extraction reagent.	D013, D042, D059, D069	NA
Thionyl chloride	Plutonium chlorination reagent.	Reference 19	NA
Titanium	Metal used in welding operations and electrorefining reagent. Component of electrodes and miscellaneous equipment.	D042, D059, D065, Reference 19	NA
Toluene	Actinide R&D reagent.	D038, Reference 19	F005
Tributyl phosphate (TBP)	Actinide R&D, plutonium processing, and solvent extraction reagent.	D042, D043, D069, Reference 19	NA
Trichloroethylene	Clean and polish machined parts. Miscellaneous process and hydroxide cake contaminant. Plutonium processing and solvent extraction reagent.	D002, D037, D038, D039, D065, Reference 19	F001, F002
Triethylenetetramine	Metallography epoxy catalyst.	D002, D013, D059	NA
Trilaurylamine	Plutonium extraction reagent.	D013, D042, D059, D069	NA
Tri-n-octylamine (Trioctylamine)	Uranium extraction reagent.	D013, D042, D044, D059, D069	NA
Trioctylphosphine oxide (TOPO)	Plutonium operations reagent and cement fixation contaminant.	Reference 19	NA

Table 11. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Tungsten	Metal used in welding operations and equipment, fuel elements, measure physical properties standard, and electrorefining reagent.	Reference 19	NA
UCAR C-34	Epoxy used for sealing aeroshells.	D065, M010, Reference 19	NA
Urea	Plutonium recovery operations, Pu-238 purification, and actinide R&D reagent.	D002, D042, D065, Reference 19	NA
Vacuum grease	Vessel handling and unloading and machining operations reagent.	Reference 19	NA
Vanadium	Metal used in machining and welding operations.	Reference 19	NA
Vanadium pentoxide	Salt distillation and stripping reagent.	Reference 19	NA
Varian Torr Seal epoxy	Sealing oxide sample containers.	Reference 19	NA
Vermiculite	Hydrated magnesium-aluminum-iron silicate material used to absorb samples and liquid waste.	Reference 19	NA
Waste Lock 770	Bentonite powder absorbent material used during repackaging operations.	C027, M010	NA
WD-40	Vessel handling and unloading.	Reference 19	NA
Windex	Machining cleaner.	Reference 19	NA
Xylene	Chloride, actinide R&D, and metallography operations reagent. Cement fixation contaminant.	C015, D036, D039, D065, Reference 19	NA
Yttrium metal/oxide	Mixed with plutonium in heat source processing and electrorefining reagent.	D065, Reference 19	NA
Zeolite	Silicate mineral absorbent material used during disassembly operations.	Reference 19	NA
Zinc	Metal used in Pu processing operations.	D013, D043, D059	NA
Zinc chloride	Plutonium operations reagent salt.	Reference 19	NA
Zinc stearate	Fuel production anti-sticking reagent.	Reference 19	NA
Zirconium metal/oxide	Electrorefining reagent and metal used in machining.	D059, D065, Reference 19	NA

Note:
Some of these chemicals may exhibit the characteristic of ignitability, corrosivity, and/or reactivity in their pure form. However, potentially ignitable, corrosive, or reactive materials (e.g., liquids and pressurized containers) identified during RTR, VE, or repackaging will be remediated or removed from the waste container prior to shipment to the WIPP. In addition, based on an analysis of the generating operations and waste management practices, no pure or unused chemicals would have been introduced into the debris waste stream.

5.4.3.1 F-Listed Waste

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the debris waste, LA-MHD04.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 Code of Federal Regulations (CFR) 261.31 (Reference 11). As shown in Table 11, F001, F002, F003, and F005-listed solvents were used in TA-21 DP West operations. F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, methyl isobutyl ketone, and xylene, are listed solely because these solvents are ignitable in the liquid form. The waste stream will not exhibit the characteristic of ignitability because it is not liquid; therefore, F003 is not assigned. Waste stream LA-MHD04.001 is assigned F-listed EPA HWNs F001, F002, and

F005 for 1,1,1-trichloroethane, 1,1,2-trichloro, 1,2,2-trifluoroethane, benzene, carbon tetrachloride, chlorobenzene, methylene chloride, methyl ethyl ketone, pyridine, trichloroethylene, tetrachloroethylene, and toluene (References 19, D013, D036, D037, D038, D039, D040, D059, and DR001).

5.4.3.2 Toxicity Characteristic Waste

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the debris waste, LA-MHD04.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24, as summarized in Table 11 (Reference 11). Where a constituent has been identified and there is no quantitative data available to demonstrate that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to this waste stream.

The AK identified the potential presence of additional toxicity characteristic compounds; however, the more specific F-listed EPA HWNs have been assigned to waste stream LA-MHD04.001 for the following constituents: benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), and trichloroethylene (D040). These characteristic EPA HWNs are not assigned to the waste stream. Waste stream LA-MHD04.001 is assigned characteristic HWNs D004, D005, D006, D007, D008, D009, D010, D011, and D022 (References 19, D007, D009, D036, D037, D038, D039, D040, D041, D059, and DR001).

5.4.3.3 Ignitable, Corrosive, and Reactive Wastes

The waste material in waste stream LA-MHD04.001 does not meet the definition of ignitability as defined in 40 CFR 261.21 (Reference 11). LANL waste management practices prohibit liquids in any container of solid waste materials. In 1975, an inventory of the chemicals used in the plutonium processing areas during one calendar year was compiled, with more than 40 reagents identified. Preliminary estimates at the time indicated that only minute quantities of these reagents contaminated waste items. Many organic liquids in use had high vapor pressures. Ignitable solvents (e.g., acetone, toluene) would have been air-dried to remove any potential for ignitability, because hazardous waste treatment under RCRA was not a consideration at DP West in the 1970s. This material will not cause fire through friction, absorption of moisture, or spontaneous chemical changes. The materials are not compressed gases, nor does the waste contain compressed gases. Although oxidizers (e.g., aluminum nitrate, ferric nitrate) were identified as being used at DP West, these reagents were used in small quantities as needed, and should only be present as trace contaminants. The materials are not liquid, and RTR or VE is performed to ensure the absence of liquids. The materials in this waste stream are, therefore, not ignitable D001 wastes (References 19, C001, D001, D013, D058, D059, and D060).

The waste material in waste stream LA-MHD04.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 11). Waste management practices required corrosive liquids (e.g., hydrochloric acid, nitric acid, sodium hydroxide) be transferred to the

liquid waste treatment facility at Building 257 or solidified. A detailed study of the composition of the DP West waste in 1975 verified the absence of any liquid, indicating that these chemicals entered the waste stream only as contaminants absorbed onto waste items. RTR or VE is performed to ensure the absence of liquids. The materials in this waste stream are, therefore, not corrosive D002 wastes (References 19, D001, D002, D013, D058, D059, and D060).

The waste material in waste stream LA-MHD04.001 does not meet the definition of reactivity as defined in 40 CFR 261.23 (Reference 11). For items contaminated with salt waste, it has been demonstrated that the unspent calcium metal in DOR salts is not pyrophoric. Experimental results on the reactivity of LANL DOR salts with water and the reactivity in air of heated calcium metal nodules from DOR salts indicate the absence of "dangerous when wet" materials and pyrophoricity in these salts. However, any discarded DOR salts potentially contained pyrophoric plutonium metal (References 19, D013, D058, D059, and D060).

In the 1970s, the lids of TRU waste drums were fitted with a permeable gasket that was not sealed with adhesive. Consequently, internal gases have been continually exchanged with the atmosphere as the result of the daily temperature cycle and atmospheric pressure changes. It is unlikely that, after 17 to 29 years of storage in an oxidizing environment, any plutonium metal in the TA-21 waste drums has remained unoxidized. In addition, screening tests on similar pyrochemical salts and residues (that contain higher amounts of plutonium) at the former Rocky Flats Environmental Technology Site had shown (1) no autoignition, (2) no spontaneous combustion, and (3) no sparking (References C008, D015, D017, and D059).

In one document discussing chemicals of concern during a D&D operation, picric acid is listed as a possible concern. No usage of picric acid was listed in that document and no usage of picric acid was found in any other source document. There is no evidence to indicate that picric acid is in any of the waste containers. The caution statement specified in the D&D document is considered a generic concern for any D&D operation (Reference D068).

The materials are stable and will not undergo violent chemical change without detonating. The materials will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The materials do not contain sulfides and are not capable of detonation or explosive reaction. Reactive materials present or used during plutonium operations were excluded from waste packaging or reacted prior to disposal. The materials in this waste stream are, therefore, not reactive D003 wastes (References 19, D001, D013, D058, D059, and D060).

5.4.3.4 P- and U-Listed Waste

Review of the AK record did not identify any specific source or incident where DP West combustible debris waste was mixed with or contaminated with discarded commercial chemical product, an off-specification commercial chemical product, or a container residue

or spill residue thereof as defined in 40 CFR 261.33 (Reference 11). No listed chemicals were identified in the container-specific documentation. Beryllium from metal operations, in general, would be in the form of classified shapes and would, therefore, not be in this waste stream. In some cases, beryllium turnings were generated during machining operations. However, it is assumed that, if present, beryllium is a minor contaminant, well below one weight percent in any given waste container. Hydrofluoric acid was used during sample dissolution; however, there is no indication that unused acid or materials from spills of the acid were disposed of in this waste stream. Additionally, as described above, liquids were evaporated, treated, or absorbed prior to disposal. Waste stream LA-MHD04.001 is, therefore, not assigned a P- or U-listed HWN (References 19, D013, D059, P003, and P007).

5.4.3.5 K-Listed Waste

The material in this waste stream is not hazardous from specific sources since it was not generated from any of the processes listed in 40 CFR 261.32 (References 11, 19, D013, and D059).

5.4.4 Polychlorinated Biphenyls (PCBs)

Based on documentation reviewed during the AK investigation and summarized in lists of inputs referenced in this report, no PCBs were identified in this TRU waste stream. Oils were used in the operations, including heat-treating, hydraulic, lubricating, machining, and vacuum pump oils. None of these oils are known to contain PCBs. Ballasts in fluorescent light fixtures could contain PCBs, but these light fixtures were located outside the gloveboxes and are not expected to have entered the TRU waste stream. However, characterization activities of the TA-55 debris waste stream have identified the presence of light ballasts. Therefore, if there is reason to suspect that an item may contain PCBs (based on AK, RTR, or VE), the waste container will be managed as a Toxic Substances Control Act (TSCA) waste under 40 CFR 761 (References 17, 19, D013, and D059).

5.4.5 Prohibited Items

The DP West TRU wastes addressed in this report are expected to contain prohibited items. Procedures in place during the 1970s did not prohibit the disposal of sealed containers greater than four liters. Prohibited quantities of liquid including small vials containing liquids and some aerosol cans are also likely to be found. It is anticipated that many 55-gallon drums will contain overpacked 30-gallon drums. Lead shielding was sometimes used to increase safety, and thick shielding may obscure RTR observations, requiring VE of these waste containers (References D013, D058, D059, and D060).

Prohibited items are detected by RTR or VE and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new drums, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items removed and segregated, if necessary, prior to certification and shipment. Waste items with high dose rates may be

repackaged into a POC. Repackaged waste items that are placed into a new drum(s) or POC are from a single parent drum. Some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., plastic bags, plywood sheathing, rigid liner cut into pieces) (References C027, C034, D013, D058, D060, P010, P011, P012, P021, P030, and P032).

Hazardous waste not occurring as co-contaminants with TRU waste is not present in the DP West TRU debris waste. The container-specific AK data indicates that all DP West debris waste containers are contaminated with TRU radionuclides. Explosives are not expected to be present in the DP West TRU waste. No evidence of the use of explosives in DP West operations was found during the AK compilation. Most gases were stored outside the glovebox and plumbed into the glovebox. Consequently, compressed gas cylinders are not expected to be in any of the DP West TRU waste containers. In 1985, six 30-gallon drums of Pu-238 debris waste generated in 1974 at DP West were retrieved from storage and visually examined as part of the LANL TRU-Waste Sampling Program. Liquids were observed in two drums; however, no pyrophoric materials, explosives, or compressed gases were observed. Controls are in place to ensure chemical compatibility for the waste contents and the TRUPACT-II shipping containers (References D023 and D059).

In one document discussing chemicals of concern during a D&D operation, picric acid is listed as a possible concern. No usage of picric acid was listed in that document and no usage of picric acid was found in any other source document. There is no evidence to indicate that picric acid is in any of the waste containers. The caution statement specified in the D&D document is considered a generic concern for any D&D operation (Reference D068).

Based on interviews with site personnel performing VE and prohibited item disposition repackaging of TA-55 waste streams, internal cans (both shielded and unshielded) have been measured for dose rate during repackaging and found to contain waste with radiation levels exceeding 200 millirem per hour (Reference 19).

5.5 Waste Packaging

The DP West TRU debris waste is primarily contained in 15-gallon, 30-gallon, 55-gallon, and 85-gallon drums. Most of the inventory (approximately 90 percent) is presently in below-grade retrievable storage. The condition of the below-grade containers is unknown and may require repackaging. It is expected that debris waste from waste management operations would usually be packaged into standard U.S. Department of Transportation (DOT) 7A, Type A 55-gallon steel drums, which may include either up to two 5-mil to 12-mil plastic liner bags, or one 90-mil/125-mil rigid polyethylene liner with lid. Liner bags were closed using the standard twist and tape method. Waste could also be packaged in

15-gallon or 30-gallon drums, and later overpacked into 55- and/or 85-gallon drums. Lead shielding may have also been used. Large or heavy waste items may be packaged in DOT 7A, Type A unlined SWBs (References 19, C037, D001, D002, D013, D023, D058, D059, D060, D062, P028, and P035).

Filter vents were not installed in the containers; rather, permeable lid gaskets were used to ventilate the drums. The packaging configurations for the waste are expected to vary from overpacked 30-gallon drums to multiple layers of inner plastic bags and/or metal cans. The method of bag closure is unknown. In 1985, six 30-gallon drums of Pu-238 debris waste generated in 1974 at DP West were retrieved from storage and visually examined as part of the LANL TRU-Waste Sampling Program. Plastic liners and filter vents were not present in any of these drums (References D023 and D059).

Since 1995, several changes have been introduced to the packaging procedures. Plastic liner bags could still be present, but they are typically closed by folding, not by taping. All waste containers (e.g., 55-gallon drums) are vented with approved filter vents (e.g., Nucfil-013) prior to disposal. Since 1997, plastic bags with filters are typically used. The waste in 15-, 30-, 85-, and 110-gallon drums, crates (e.g., FRPs), and nonstandard containers (e.g., cargo container) will be repackaged into TRAMPAC-compliant payload containers (e.g., 55-gallon drums, unlined SWBs) prior to certification and shipment. Waste could also be repackaged into a POC. Waste placed into a POC may be packaged into a single filtered plastic bag which may include a fiberboard liner/sleeve inside the plastic bag. POCs contain a pipe component in a standard 55-gallon steel drum that is lined with a punctured rigid liner with packing material between the pipe component and liner. POCs are closed once predetermined SNM or weight limits are met, or when the pipe component is physically full. Remediated/repackaged waste placed in a 55-gallon drum may be packaged with or without a single plastic liner bag with one of the following drum liner configurations depending on the remediation facility: no liner, a fiberboard liner, or a 90-/125-mil rigid polyethylene liner without lid (References 19, C025, D058, D059, D060, P010, P011, P012, P021, P028, P029, P030, P032, P033, and P034).

During waste management and drum storage activities following initial waste generation, 55-gallon drums may be overpacked into larger drums (i.e., 85-gallon drums or larger) or SWBs to correct/address external contamination, fissile gram equivalent (FGE) limits, and drum integrity problems such as pin hole corrosion, dents, etc. If drums are overpacked in an SWB (up to four 55-gallon drums), no closed liner bags are used in the SWBs (References D026, D079, D081, P010, P021, P028, and P030).

Containers in this waste stream include a variety of configurations with up to six layers of confinement. RTR or VE will confirm TRUCON code LA225. LA225 describes the broadest type of materials and bounds all waste packages in this waste stream. However, TRUCON codes LA215, LA216, LA217, LA218, LA219, and LA223 have been identified as suitable TRUCONs for individual containers in this waste stream. These TRUCON codes may be assigned for the eventual certification and transportation of payload containers in this waste stream, pending further evaluation of container-specific information. For high wattage drums, TRUCON codes LA154 or SQ154 may also be used for shipping and they

would be assigned by Waste Certification Officials. Vent dates for individual containers are provided in the AK Tracking Spreadsheet (References C028, D028, D058, D059, D060, and M014).

6.0 REQUIRED WASTE STREAM INFORMATION FOR LA-MSG04.001

This section presents the mandatory waste stream AK required by the WIPP-WAP (Reference 2). Attachment 1 of CCP procedure CCP-TP-005 (Reference 1) provides a list of the TRU waste stream information required to be developed as part of the AK record.

6.1 Area and Building of Generation

The soil waste included in waste stream LA-MSG04.001 was generated during D&D and associated operations (e.g., sampling operations) at the TA-21 DP West Facility as described in Section 4.4. Container specific records have been reviewed for each container to verify the physical composition and origin of the waste stream inventory included in the most current AK Tracking Spreadsheet (References C033, C037, M004, and M020).

6.2 Waste Stream Volume and Period of Generation

Waste stream LA-MSG04.001 is mixed contaminated soil generated from February 1978 to September 2011. Table 12, Waste Stream LA-MSG04.001 Volume, summarizes the current inventory of waste represented by this report. Some of the DP West soil inventory is presently in below-grade retrievable storage at TA-54, Area G. Of the current population of 82 soil containers, 45 are currently stored below-grade at Area G. The projected volume may change based on the radiological characteristics of the waste containers, the condition of the retrievably stored below-grade containers, and repackaging operations. No future additional waste stream volume has been identified; however, it is expected that additional TRU waste could be generated during future D&D projects (e.g., cleanup of MDAs A and T) (References C033, C037, D058, D059, D060, M004, M009, and M020).

Table 12. Waste Stream LA-MSG04.001 Volume

Containers	Volume (m^3)
48 55-gallon drums	10.1
15 Crates	38.4*
19 SWBs	35.7
82 Total	84.2

* Generator reported volumes.

6.3 Waste Generating Activities

Waste generated in TA-21 originated from materials used to produce metal and alloys of plutonium and other TRU elements from nitrate solution feedstock; fabricate the metals and alloys into precision shapes; measure the chemical and physical properties of plutonium metal and alloys; recover and recycle plutonium; and research and recover americium. Waste was also generated during D&D, waste repackaging, and retrieval operations. The operations are described in detail in Section 4.4 and include:

- Plutonium recovery operations
- Pyrochemical operations
- Metal operations
- Pu-239 fuels programs
- Americium processing operations
- Pu-238 processing
- Miscellaneous and special processing
- D&D operations
- Waste repackaging and prohibited item disposition
- Below-grade retrieval project

6.4 Types of Waste Generated

This section describes the process inputs, Waste Matrix Code assignment, radionuclide contaminants, and RCRA hazardous waste determinations for contaminated soil waste stream LA-MSG04.001. The waste stream is characterized based on knowledge of the materials, knowledge of the operations generating the waste, and physical descriptions of the waste.

6.4.1 Material Input Related to Physical Form

Waste stream LA-MSG04.001 consists of mixed contaminated soil generated during D&D and associated operations (e.g., sampling operations) at the TA-21 DP West Facility. The waste is comprised of dirt or soil, dust, sand, silt, rock, and gravel contaminated with TRU material. Available AK indicates the contaminated soil primarily originated from spills and/or the removal of acid wells and lines, tunnels below buildings, MDAs, tank systems, and various locations immediately surrounding the DP West buildings. Acid wells and lines were part of the liquid waste treatment process. Liquid wastes that had plutonium concentrations less than the DL, but that did not meet the waste acceptance criteria for the TA-50 Radioactive Liquid Waste Treatment Facility, were sent to the liquid waste treatment process. Contaminated soil from tunnels below DP West buildings typically originated from the cleanup of nonstandard events. However, some of the containers in this waste stream do not identify specific waste generating locations. Contaminated soil also originated from the investigation, excavation, and remediation of MDAs and tank systems. This waste could have been generated in any DP West building or surrounding area. Consequently, this soil could be contaminated with any of the materials and chemicals from the operations described in Section 4.4. The waste stream may also include a small fraction of absorbent

material used to absorb residual liquid such as vermiculite. Debris waste (mainly plastic packaging, blacktop, concrete, insulation, and piping) may also be present. Any payload container consisting of more than 50 percent by volume of debris will be excluded from this waste stream (References C033, D006, D008, D035, D058, D059, D060, D069, M003, M004, M009, M020, P036, and P037).

6.4.1.1 Waste Matrix Code

Based on the evaluation of the materials contained in this waste stream and LANL waste management practices, waste stream LA-MSG04.001 is comprised of at least 50 percent, but no greater than 95 percent, by volume soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Therefore, Waste Matrix Code S4200, Soil/Debris, is assigned to waste stream LA-MSG04.001. Although the waste stream, as a whole, is comprised of more than 50 to 95 percent soil, any container may include nearly any percentage of the WMPs listed in Section 6.4.1.2. This means individual containers may contain greater than 95 percent soil. However, these containers match the waste stream description, they were generated from the operations described in the AK Summary report, and their inclusion in the waste stream is appropriate (References 15, C033, D058, D059, D060, M003, M004, and M020).

6.4.1.2 Waste Material Parameters

To estimate the WMPs for waste stream LA-MSG04.001, WMP data were obtained from the Waste Data System (WDS), formerly known as the WIPP Waste Information System database. The WMP data were derived from RTR of this waste stream by the CCP TRU Waste Certification Program (TWCP) at LANL.

The WMPs for waste stream LA-MSG04.001 were estimated by reviewing the WDS data for five containers. The WDS data provides a weight for packaged waste materials, which were categorized into the following WMPs: iron-based metals/alloys, plastics, and soils/gravel. Although not identified in RTR data, WMPs other inorganic materials (e.g., concrete, insulation) and inorganic matrix (e.g., vermiculite) are expected to be present in this waste stream. Therefore, these WMPs are identified as being present and are listed at concentrations of less than one weight percent. Average, minimum, and maximum WMP weight percentages were calculated using this data, and the results of this analysis are presented in Table 13, Waste Material Parameter Estimates for LA-MSG04.001.

The statistical analysis of the data will be documented in a memorandum (included with Attachment 6) as required by CCP-TP-005 (Reference 1).

Table 13. Waste Material Parameter Estimates for LA-MSG04.001

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Iron-Based Metals/Alloys	5.15%	3.53% - 8.53%
Aluminum-Based Metals/Alloys	0.00%	0.00% - 0.00%

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Other Metals	0.00%	0.00% - 0.00%
Other Inorganic Materials	<1.00%	0.00% - <1.00%
Cellulosics	0.00%	0.00% - 0.00%
Rubber	0.00%	0.00% - 0.00%
Plastic (waste materials)	0.89%	0.71% - 1.42%
Organic Matrix	0.00%	0.00% - 0.00%
Inorganic Matrix	<1.00%	0.00% - <1.00%
Soils/Gravel	93.96%	90.04% - 95.77%
Total Organic Waste Avg.	**0.89%**	
Total Inorganic Waste Avg.	**99.11%**	

6.4.2 Radiological Characterization

6.4.2.1 Pu-238, Pu-239, Pu-240, Pu-241, and Pu-242

The assignment of MTs is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex. The primary plutonium MT inputs for LANL activities are listed in Section 5.4.2.2, Table 7. However, other MTs are occasionally introduced as feed material. The primary uranium MT inputs are listed in Section 5.4.2.2, Table 8 (References C021, D034, D058, D059, and D060).

The primary documentation source used to develop the radiological characterization of waste stream LA-MSG04.001 is generator reported data for individual waste containers. An RSWD or TWSR was available and was reviewed for each of the containers in this waste stream. The waste generators did not record MTs for the containers in this waste stream; however, individual isotopic data was reported for each container (References C033, C037, M004, M009, and M020).

6.4.2.2 U-233, U-234, U-235, and U-238

U-233 and U-238 were not normally components of the plutonium types handled at TA-21. U-235 is present from the decay of Pu-239 only at 0.1 percent by weight of the total plutonium content. However, all three isotopes have been introduced as special material. In addition, uranium-plutonium oxide mixtures have been processed to recover the plutonium. Significant quantities of U-234 will be present from the decay of Pu-238 in containers originating from heat source plutonium operations. U-234 content must be estimated since this isotope cannot be reliably measured using NDA techniques. The content of U-234 is calculated as the sum of the contributions expected from decay of Pu-238 and from uranium input to the operation, with the value of 0.014 conservatively used for the ratio of abundances of U-234 to U-235 in typical uranium material (References 19, C019, C020, D058, D059, and D060).

In general, uranium and its isotopes are expected to be present only at trace levels, if at all, if the feed material did not purposely contain uranium. However, some reactor fuel

development, uranium-plutonium separation, and pit disassembly have uranium material as the feed material (References 19, D058, D059, and D060).

6.4.2.3 Am-241

AK on the inputs provides the basis for estimating an upper boundary for Am-241 content based on the rate of decay of the precursor, Pu-241. The purpose of such bounding calculations is to provide a basis for identifying significant enrichment or depletion of Am-241 based on radioassay results for individual waste containers. The calculations assume that (a) none of these isotopes were initially present in the material, (b) the oldest plutonium material in inventory dates back to January 1, 1960, and (c) the legacy waste was packaged on January 1, 1996, making it 36 years old at that time. In general, wastes from the plutonium recovery process are enriched with Am-241, because a primary intent of the recovery process is to reduce the americium content of the retained plutonium (References 19, C021, D058, D059, and D060).

No correlation is expected among the different radioelements, Pu, Np, U, Pa, or Am. The differences in valence states and chemical affinities among these elements are expected to result in substantial fractionation during several recovery operations, including ion-exchange, solvent extraction, hydroxide precipitation, and dissolution (References C017, C018, D058, D059, and D060).

6.4.2.4 Other Radionuclides Present Due to Decay

Other radionuclides will be present in most of the wastes from the decay of a plutonium isotopic precursor or as a contaminant in the feed material (References C017, C018, D031, D058, D059, and D060):

- Np-237, the decay product of Am-241 (half-life, 458 yr), is expected to be present in minor amounts in most waste from recovery operations.
- Am-243, the decay product of Pu-243 (half-life, 5.0 hr), is expected to be present in minor amounts in most wastes from recovery operations. Pu-243 is produced by neutron capture on Pu-242 during fuel irradiation.
- Pa-231, the decay-chain daughter of U-235, is expected to be present in trace amounts in some wastes due to its widespread presence as a contaminant in recovery operations.
- Ac-227, the decay-chain daughter of Pa-231, is expected to be present in trace amounts where Pa-231 is present, but at several orders of magnitude less than Pa-231.

6.4.2.5 Cs-137 and Sr-90

Cs-137

Cs-137 is a product of the spontaneous fission of Pu-238, Pu-239, and especially Pu-240. Cs-137 is also a trace contaminant in purified plutonium from the production reactors. In the latter case, the remaining cesium could be on the order of 0.5 ng/g plutonium. In the former instance, the formation of Cs-137 due to spontaneous fission would lead to about 0.4 pg/g plutonium in plutonium that is 10 years old. Because Cs-137 due to spontaneous fission is about a factor of a thousand less than that due to residual contamination from the original separation on the production fuel, the latter is the dominant source of cesium in waste (References C017, C018, D058, D059, and D060).

Sr-90

Like Cs-137, Sr-90 is a high yield fission product and is unlikely to be present except as a trace remnant from plutonium production/processing. Unlike Cs-137, however, Sr-90 (together with its Y-90 daughter) emits no significant gamma radiation that would allow it to be quantified by direct gamma counting. Therefore, no reliable means exists for the direct NDA of Sr-90. However, because of the requirement that an estimate of Sr-90 content be made, the following approach is taken. In plutonium production runs, Cs-137 and Sr-90 are produced at approximately the same level. These two nuclides have very similar half-lives (~ 30 y) and will, therefore, be present at roughly the same activity level prior to commencement of any processing operations. If it is assumed that strontium and cesium are not fractionated from one another during chemical processing, Cs-137 may be used as a marker for Sr-90 activity at a ratio of 1:1 (References 19, D058, D059, and D060).

6.4.2.6 Estimated Predominant Isotopes and 95 percent Total Activity

The radiological distribution for this waste stream is listed in Table 14, Estimated Radionuclide Distribution for the LA-MSG04.001 Waste Stream. The distribution represents existing generator-reported radionuclide data for each container in the waste stream. However, some of the containers list "zero" assay values. It is not known why the zero assay values are listed. This could indicate that assay was not performed on these containers although they were managed as TRU waste. It could also indicate low assay containers that did not contain activity levels above the lower limit of detection. Finally, it could indicate measured or estimated plutonium mass values below 0.5 grams. The "Total Radionuclide Weight%" values in Table 14 are the gram value for each radionuclide over the entire waste stream divided by the total radiological mass in the waste stream. The same calculation produced the values for the "Total Radionuclide Curie%" using the sum of activity values for each radionuclide over the entire waste stream. The columns "Radionuclide Weight% Range for Individual Containers" and "Radionuclide Curie% Range for Individual Containers" illustrate the reported ranges of radionuclides in individual containers by identifying the maximum and minimum values for each radionuclide on a

container-by-container basis over the entire waste stream (References C033, C037, M004, M009, and M020).

From the data presented in Table 14, the two predominant radionuclides by mass percent are U-238 and Pu-239, while 95 percent of the activity over the entire waste stream is from Pu-239 (References C033, C037, M004, M009, and M020).

Table 14. Estimated Radionuclide Distribution for the LA-MSG04.001 Waste Stream

Radio-nuclide	Number of Drums with Reported Nuclide	Total Nuclide Weight%[1,5]	Total Nuclide Curie%[2,5]	Nuclide Weight% Range for Individual Drums[3,5]	Nuclide Curie% Range for Individual Drums[4,5]	Expected Present
WIPP Required Radionuclides						
Am-241[6]	57	Trace	0.54%	0 - 16.30%	0 - 91.50%	Yes
Pu-238	57	Trace	0.12%	0 - Trace	0 - 0.71%	Yes
Pu-239	75	**8.38%**	**99.00%**	0 - 100.00%	0 - 100.00%	Yes
Pu-240	1	Trace	0.05%	0 - 0.43%	0 - 38.07%	Yes
Pu-242	1	Trace	Trace	0 - 0.05%	0 - 0.08%	Yes
U-233	1	Trace	Trace	0 - Trace	0 - 0.01%	Yes
U-234	19	0.01%	0.01%	0 - 0.39%	0 - 0.15%	Yes
U-238	19	**87.71%**	0.01%	0 - 98.77%	0 - 0.12%	Yes
Sr-90	19	Trace	0.04%	0 - Trace	0 - 0.26%	Yes
Cs-137	18	Trace	0.21%	0 - Trace	0 - 1.33%	Yes
Additional Radionuclides						
H-3	19	Trace	Trace	0 - Trace	0 - Trace	Yes
I-125	1	Trace	Trace	0 - Trace	0 - 0.02%	Yes
I-129	1	Trace	Trace	0 - 0.05%	0 - Trace	Yes
Np-237	1	Trace	Trace	0 - 0.13%	0 - 0.04%	Yes
Pb-210	1	Trace	Trace	0 - Trace	0 - 0.48%	Yes
Pu-244	1	0.20%	Trace	0 - 69.36%	0 - 0.48%	Yes
Ra-226	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-234	1	Trace	0.01%	0 - Trace	0 - 4.62%	Yes
U-235	56	3.70%	Trace	0 - 75.93%	0 - 0.14%	Yes

1 This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity (curie) percent for that radionuclide.
6. Maximum weight percent and curie percent ranges based upon preliminary CCP NDA analyses, not generator reported data.

6.4.3 *Chemical Content Identification – Hazardous Constituents*

Waste stream LA-MSG04.001 has historically been managed in accordance with the generator site requirements and in accordance with the requirements of the New Mexico Environmental Department. Based on historical waste management and LANL's TRU Program (Reference LANL waste stream LA-MSG01-DD), LANL managed the waste as

nonhazardous. However, the LANL TRU program identified that further AK investigation was required. A review of available AK documentation has determined that this waste is hazardous for arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), and chloroform (D022) and F-listed solvents (F001, F002, and F005). This waste stream could have been contaminated with liquids and/or residues form any of the plutonium processing operations described in Section 4.4. The following sections further describe the characterization rationale for the assignment of EPA HWNs to waste stream LA-MSG04.001.
Table 15, Waste Stream LA-MSG04.001 Hazardous Waste Characterization Summary, summarizes the waste codes assigned to this waste stream (References 19, D059, D060, and DR005).

Table 15. Waste Stream LA-MSG04.001 Hazardous Waste Characterization Summary

Waste Stream	EPA HWNs
LA-MSG04.001	D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, and F005

To assign EPA HWNs, available AK documentation is reviewed to assess chemical usage and to identify potentially hazardous materials that may have been introduced into the waste stream. In addition, MSDSs and other manufacturer information are obtained for the commercial products to determine the presence of RCRA-regulated compounds. Based on the rationale provided in Section 6.4.1, the contaminated soil waste in this waste stream contains the same or similar hazardous constituents identified for waste stream LA-MHD04.001 and will carry all the same EPA HWNs. Section 5.4.3, Table 11, lists the specific chemicals identified and associated HWNs assigned to the waste stream (Reference DR005).

6.4.3.1 F-Listed Waste

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the soil waste, LA-MSG04.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 CFR 261.31 (Reference 11). As shown in Section 5.4.3, Table 11, F001, F002, F003, and F005-listed solvents were used in TA-21 DP West operations. F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, methyl isobutyl ketone, and xylene are listed solely because these solvents are ignitable in the liquid form. The waste stream will not exhibit the characteristic of ignitability because it is not liquid; therefore, F003 is not assigned. Waste stream LA-MSG04.001 is assigned F-listed EPA HWNs F001, F002, and F005 for 1,1,1-trichloroethane, 1,1,2-trichloro,1,2,2-trifluoroethane, benzene, carbon tetrachloride, chlorobenzene, methylene chloride, methyl ethyl ketone, pyridine, trichloroethylene, tetrachloroethylene, and toluene (References 19, D013, D036, D037, D038, D039, D040, D059, and DR005).

6.4.3.2 Toxicity Characteristic Waste

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the soil waste, LA-MSG04.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24, as summarized in Section 5.4.3, Table 11 (Reference 11). Where a constituent has been identified and there is no quantitative data available to demonstrate that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to this waste stream. The AK identified the potential presence of additional toxicity characteristic compounds; however, the more specific F-listed EPA HWNs have been assigned to waste stream LA-MSG04.001 for the following constituents: benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), and trichloroethylene (D040). These characteristic EPA HWNs are not assigned to the waste stream. Waste stream LA-MSG04.001 is assigned characteristic HWNs D004, D005, D006, D007, D008, D009, D010, D011, and D022 (References 19, D007, D009, D036, D037, D038, D039, D040, D041, D059, and DR005).

6.4.3.3 Ignitable, Corrosive, and Reactive Wastes

The waste material in waste stream LA-MSG04.001 does not meet the definition of ignitability as defined in 40 CFR 261.21 (Reference 11). LANL waste management practices prohibit liquids in any container of solid waste materials. In 1975, an inventory of the chemicals used in the plutonium processing areas during one calendar year was compiled, with more than 40 reagents identified. Preliminary estimates at the time indicated that only minute quantities of these reagents contaminated waste items. Many organic liquids in use had high vapor pressures. Ignitable solvents (e.g., acetone, toluene) would have been air-dried to remove any potential for ignitability, because hazardous waste treatment under RCRA was not a consideration at DP West in the 1970s. This material will not cause fire through friction, absorption of moisture, or spontaneous chemical changes. The materials are not compressed gases, nor does the waste contain compressed gases. Although oxidizers (e.g., aluminum nitrate, ferric nitrate) were identified as being used at DP West, these reagents were used in small quantities as needed, and should only be present as trace contaminants. The materials are not liquid, and RTR is performed to ensure the absence of liquids. The materials in this waste stream are, therefore, not ignitable D001 wastes (References 19, C001, D001, D013, D058, D059, and D060).

The waste material in waste stream LA-MSG04.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 11). Waste management practices required corrosive liquids (e.g., hydrochloric acid, nitric acid, sodium hydroxide) be transferred to the liquid waste treatment facility at Building 257 or solidified. A detailed study of the composition of DP West waste in 1975 verified the absence of any liquid in the solid wastes, indicating that these chemicals entered the waste stream only as contaminants absorbed onto waste items. RTR is performed to ensure the absence of liquids. The materials in this waste stream are, therefore, not corrosive D002 wastes (References 19, D001, D002, D013, D058, D059, and D060).

The waste material in waste stream LA-MSG04.001 does not meet the definition of reactivity as defined in 40 CFR 261.23 (Reference 14). The materials are stable and will

not undergo violent chemical change without detonating. The materials will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The materials do not contain sulfides and are not capable of detonation or explosive reaction. Reactive materials present or used during plutonium operations were excluded from waste packaging or reacted prior to disposal. The materials in this waste stream are, therefore, not reactive D003 wastes (References 19, D001, D013, D058, D059, and D060).

In one document discussing chemicals of concern during a D&D operation, picric acid is listed as a possible concern. No usage of picric acid was listed in that document and no usage of picric acid was found in any other source document. There is no evidence to indicate that picric acid is in any of the waste containers. The caution statement specified in the D&D document is considered a generic concern for any D&D operation (Reference D068).

6.4.3.4 P- and U-Listed Waste

Review of the AK record did not identify any specific source or incident where DP West soil waste was mixed with or contaminated with discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof as defined in 40 CFR 261.33 (Reference 11). No listed chemicals were identified in the container-specific documentation. Beryllium from metal operations, in general, would be in the form of classified shapes or turnings and would, therefore, not be in this waste stream. However, it is assumed that, if present, beryllium is a minor contaminant, well below one weight percent in any given waste container. Regardless, the beryllium contamination in this waste does not meet the definition of a P-listed waste because it was used for its intended purpose. Hydrofluoric acid was used during sample dissolution; however, there is no indication that unused acid or materials from spills of the acid were disposed of in this waste stream. Additionally, as described above, liquids were evaporated, treated, or absorbed prior to disposal. Waste stream LA-MSG04.001 is, therefore, not assigned a P- or U-listed HWN (References 19, D013, D058, D059, D060, M004, M020, P003, and P007).

6.4.3.5 K-Listed Waste

The material in this waste stream is not hazardous from specific sources since it was not generated from any of the processes listed in 40 CFR 261.32 (References 11, 19, D013, D059, D060, M004, and M020).

6.4.4 Polychlorinated Biphenyls (PCBs)

Based on documentation reviewed during the AK investigation and summarized in lists of inputs referenced in this report, no PCBs were identified in this TRU waste stream. Oils were used in the operations, including heat-treating, hydraulic, lubricating, machining, and vacuum pump oils. None of these oils are known to contain PCBs. Therefore, this waste

stream is not regulated as a TSCA waste under 40 CFR 761 (References 17, 19, D013, D058, D059, and D060).

6.4.5 Prohibited Items

Based on the review of container documentation and documented waste management practices, no prohibited items are specifically identified in the waste stream. However, the presence of liquids due to dewatering is possible. In addition, procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until LANL WIPP-approved procedures were implemented (References D013, D058, D059, and D060).

Prohibited items are detected by RTR and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new drums, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items removed and segregated if necessary prior to certification and shipment. Some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), original packaging material (e.g., plastic bags, plywood sheathing rigid liner lids cut into pieces) (References C027, C034, D013, D058, D060, P010, P011, P012, P021, P030, and P032).

6.5 Waste Packaging

The DP West contaminated soil waste is primarily contained in 55-gallon drums. Some of the inventory (approximately 50 percent) is presently in below-grade retrievable storage. The condition of the below-grade containers is unknown and may require repackaging. It is expected that soil waste from waste management operations would usually be packaged directly into standard DOT 7A, Type A 55-gallon steel drums, which may include up to two 5-mil to 12-mil plastic liner bags, twist and taped closed with tape, or one 90-mil/125-mil rigid polyethylene liner with or without a lid. Absorbent material such as vermiculite may have been used to absorb residual liquid. The soil waste may have also been placed in one or two inner bags. Large or heavy waste items (e.g., soil) may be packaged in DOT 7A, Type A unlined SWBs. Since 1995, several changes have been introduced to the packaging procedures. Plastic liner bags could still be present, but they are typically closed by folding, not by taping. All waste containers (e.g., 55-gallon drums) are vented with approved filter vents (e.g., Nucfil-013) prior to disposal. Since 1997, plastic bags with filters are typically used. The containers in this waste stream can include up to two layers of confinement. The waste in crates will be repackaged into TRAMPAC-compliant payload containers (e.g., 55-gallon drums, unlined SWBs) prior to certification and shipment. Waste could also be repackaged into a POC. Waste placed into a POC may be packaged into a single filtered plastic bag which may include a fiberboard liner/sleeve inside the plastic bag. POCs contain a pipe component in a standard 55-gallon steel drum that is lined with a punctured rigid liner with packing material between the pipe component and liner. POCs

are closed once predetermined SNM or weight limits are met, or when the pipe component is physically full. Remediated/repackaged waste placed in a 55-gallon drum may be packaged with or without a single plastic liner bag with one of the following drum liner configurations depending on the remediation facility: no liner, a fiberboard liner, or a 90-/125-mil rigid polyethylene liner without lid (References 19, C037, D001, D002, D013, D023, D058, D059, D060, D062, M020, P010, P011, P012, P021, P028, P029, P030, P032, P033, P034, and P035).

During waste management and drum storage activities following initial waste generation, 55-gallon drums may be overpacked into larger drums (i.e., 85-gallon drums or larger) or SWBs to correct/address external contamination, FGE limits, and drum integrity problems such as pin hole corrosion, dents, etc. If drums are overpacked in an SWB (up to four 55-gallon drums), no closed liner bags are used in the SWBs (References D026, D079, D081, P010, P021, P028, and P030).

RTR will confirm TRUCON code LA211. However, TRUCON code SQ211 has been identified as suitable for individual containers in this waste stream. This TRUCON code may be assigned for the eventual certification and transportation of payload containers in this waste stream pending further evaluation. Vent dates for individual containers are provided in the AK Waste Containers List (References D058, D059, D060, and M020).

7.0 CONTAINER SPECIFIC INFORMATION

Several data sources were reviewed relating to container-specific information about the radiological, physical, and chemical characterization of containers in these waste streams including archived and active site database information and generator records. The list of containers included in these waste streams is provided in the current AK Tracking Spreadsheet.

8.0 REFERENCES

1. CCP-TP-005, *CCP Acceptable Knowledge Documentation*, Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

2. *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan*, New Mexico Environment Department, Santa Fe, New Mexico

3. DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*, Carlsbad, New Mexico, U.S. DOE, Carlsbad Field Office

4. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*, Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

5. 42 U.S.C 10101, *Nuclear Waste Policy Act of 1982*, U.S. Congress.

6. DOE Order 5820.1, *Management of Transuranic Contaminated Material*, U.S. DOE, Washington, D.C., (Dated September 30, 1982)

7. DOE Order 5820.2, *Radioactive Waste Management*, U.S. DOE, Washington, D.C., (Dated September 30, 1984)

8. DOE/WIPP 01-3194, *CH-TRU Waste Content Codes (CH-TRUCON)*, U.S. DOE, Carlsbad

9. DOE/CAO-95-1121, *Transuranic Waste Baseline Inventory Report*, U.S. DOE, Carlsbad, NM, 1995

10. CCP-PO-002, *CCP Transuranic Waste Certification Plan*, Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

11. Title 40 *Code of Federal Regulations*, Part 261, *Identification and Listing of Hazardous Waste, U.S. EPA*

12. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*, Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

13. AEC 0511-01, AEC Manual: Chapter 0511, *Radioactive Waste Management*, U.S. Atomic Energy Commission, Washington, D.C., 1973

14. 20.4.1.200 NMAC, *New Mexico Administrative Code* Title 20, Chapter 4, Part 1, Subpart II, *Identification and Listing of Hazardous Waste* (incorporating 40 CFR Part 261)

15. DOE/LLW-217, *DOE Waste Treatability Group Guidance,* Revision 0, T.D. Kirkpatrick, Idaho National Engineering Laboratory, Lockheed Idaho Technologies Co., Idaho Falls, Idaho, January 1995

16. DOE/TRU-12-3425, *Annual Transuranic Waste Inventory Report – 2012*, U.S. DOE, Carlsbad Field Office

17. Title 40 Code of Federal Regulations, Part 761, *Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and use Prohibitions*, U.S. EPA

18. CCP-TP-113, *CCP Standard Contact-Handled Waste Visual Examination,* Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

19. CCP-AK-LANL-006, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-55 Mixed Transuranic Waste, Waste Streams: LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, LA-MIN04-S.001,* Nuclear Waste Partnership, Carlsbad, NM

20. DOE Order 435.1, *Radioactive Waste Management*, U.S. Department of Energy, Environmental Management, 2001

21. Public Law 102-579, *The Waste Isolation Pilot Plant Land Withdrawal Act*

22. CCP-AK-LANL-500, *Central Characterization Program Acceptable Knowledge Summary Report For 16 Canisters of Remote-Handled Transuranic Debris Waste From Los Alamos National Laboratory Chemistry and Metallurgy Research Facility Waste Stream: LA-MHD03.002*, Nuclear Waste Partnership, Carlsbad, NM

9.0 AK SOURCE DOCUMENTS

Source Document Tracking Number	Title
C001	Interview of Tom Keenan: DP Connections Arising Out of the Pu-238 Space Heat Program and J. Foxx summary "Plutonium-238 Heat Source Fabrication for Space and Artificial Heart R&D Activities at TA-21 West and CMR Building from 1970 to 1978"
C002	Record of Communication with Jim Foxx - TA-21 Operations at Buildings 2,3,4,5 and 150 and Pu-238 questions
C003	Interview of Jim Foxx: DP, Pu-238 information at TA-21 West
C005	Interview: TA-21 DP West Plutonium Processing Operations, 1970-1977, Waste Management Practices
C006	TA-21 Processing in Reactor Fuel Development, e-mail to C. Smith
C007	Interview of J. Foxx: TA-21 DP West Plutonium Processing Operations, 1970-1977, Lack of Operating Procedures
C008	WACCC Audit Finding #1 (April 27 - May 1, 1987)
C009	Interview of J. Foxx: TA-21 DP West Plutonium-238 Operations, 1970-1977, Purity of Pu-238 feed material, commingling of Pu-238 with other material types.
C011	Interview of J. Foxx: TA-21 DP West Plutonium-238 Operations, 1970-1977, Production-scale Evaporator Not in Operation
C013	[UCNI] Email to G. Miller, re: AK Record [Response from Jim Foxx regarding bomb reduction and plutonium peroxide]
C014	[UCNI] Answers to General Questions About Pyrochemical Salts, Posed by P. Rogers
C015	Review Sheet Documenting An Interview With Jim Foxx on CLS-1 Solvents
C016	Answers and Questions About Various P/S Codes
C017	Interview of J. Foxx: Sources of Cs-137 and Pa-231 in TA-55 TRU waste
C018	Interview of J. Foxx: Sources of Cs-137, Pa-231, and Cm-244 in TA-55 Waste
C019	Memo Assay of U-234
C020	Memo regarding U-234 and Sr-90 Calculations for NDA Reporting
C021	Material Type Isotopic Compositions and Am-241 Content in Solid Transuranic Waste
C022	Commingling of Defense and Nondefense TRU Waste-Memo to TWCP Records Center
C023	Interview of Jim Foxx: Answers to questions about various P/S codes
C025	Fiberboard Drum Liner use at Los Alamos National Laboratory
C026	Memo: David Barnes to John Gallimore, re: Decommissioning and De-con of Building 4 Hot Cells at TA-21 DPW
C027	Email re: Secondary Waste Discussion to be Added to AK4 and AK6
C028	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001
C030	Decontamination and Volume Reduction System (DVRS) Information
C031	Change of LA Waste Stream Designation For TRU Oversize Crates at TA-54
C032	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001

Source Document Tracking Number	Title
C033	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001
C034	Secondary Waste Generated by the Remediation/ Repackaging Processes at Dome 231 and WCRRF
C035	Record of Communication: Drum Washing of Drums Retrieved from Below-Grade
C036	TA-54 Building 412 vs. DVRS Facility
C037	Evaluation of Volume and Period of Generation Waste Streams LA-MHD04.001 and LA-MSG04.001, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001
D001	Guidelines for the Interim Storage of AEC-Generated Solid Transuranic Wastes [Excerpt, thru p. 14]
D002	Characterization of Transuranic Solid Wastes from a Plutonium Processing Facility
D003	Fused Salt Electrorefining of Molten Plutonium and Its Alloys
D004	A Review of Operating Experience at the Los Alamos Plutonium Electrorefining Facility, 1963-1977
D005	The Atom: Heart Power
D006	Demolition of Building 12, An Old Plutonium Filter Facility
D007	TA-55 Plutonium Facility Acceptable Knowledge Report - Process Acceptable Knowledge Report for Plutonium-238 Operations at TA-55
D008	Historic Building Assessment for the DOE Conveyance and Transfer Project
D009	Acceptable Knowledge Report for Newly generated Waste from Metal/Pyrochemical Operations at TA-55
D010	TA-21 Operable Unit RFI Work Plan for Environmental Restoration
D011	Nuclear Materials Processing At the Los Alamos National Laboratory
D013	Review Comments on Draft of TA-21 DP West Facility AK Operations Report
D014	Final Safety Analysis Report for TRANSIT RTG Volume 1, Reference Design Document - Intro and Table 1-1 only
D015	Characterization of Direct Oxide Salts (U)
D016	Plutonium Research: Historical Role of DP-West in The Atom
D017	Backlog Waste Reassessment Baseline Book
D018	The Atom, Remaking DP West
D019	Plutonium-238 Heat Source Fabrication for Space and Artificial Plutonium-238 Heat Fabrication for Space and Artificial Heart R&D Activities at TA-21 West and CMR Building from 1970 to 1978
D020	The Atom, Nuclear Power for an Artificial Heart
D021	Data Sheets for PMC Isotopic Fuel
D022	Institutional Plan FY2002-FY2007
D023	TRU Waste-Sampling Program
D025	Fused Salt Processing of Impure Plutonium Dioxide to High-Purity Plutonium Metal
D026	Los Alamos TRU Waste Certification Plan for Newly Generated TRU waste, Nov 1984
D027	Direct Reduction of 238-PuO2 and 239-PuO2 to Metal

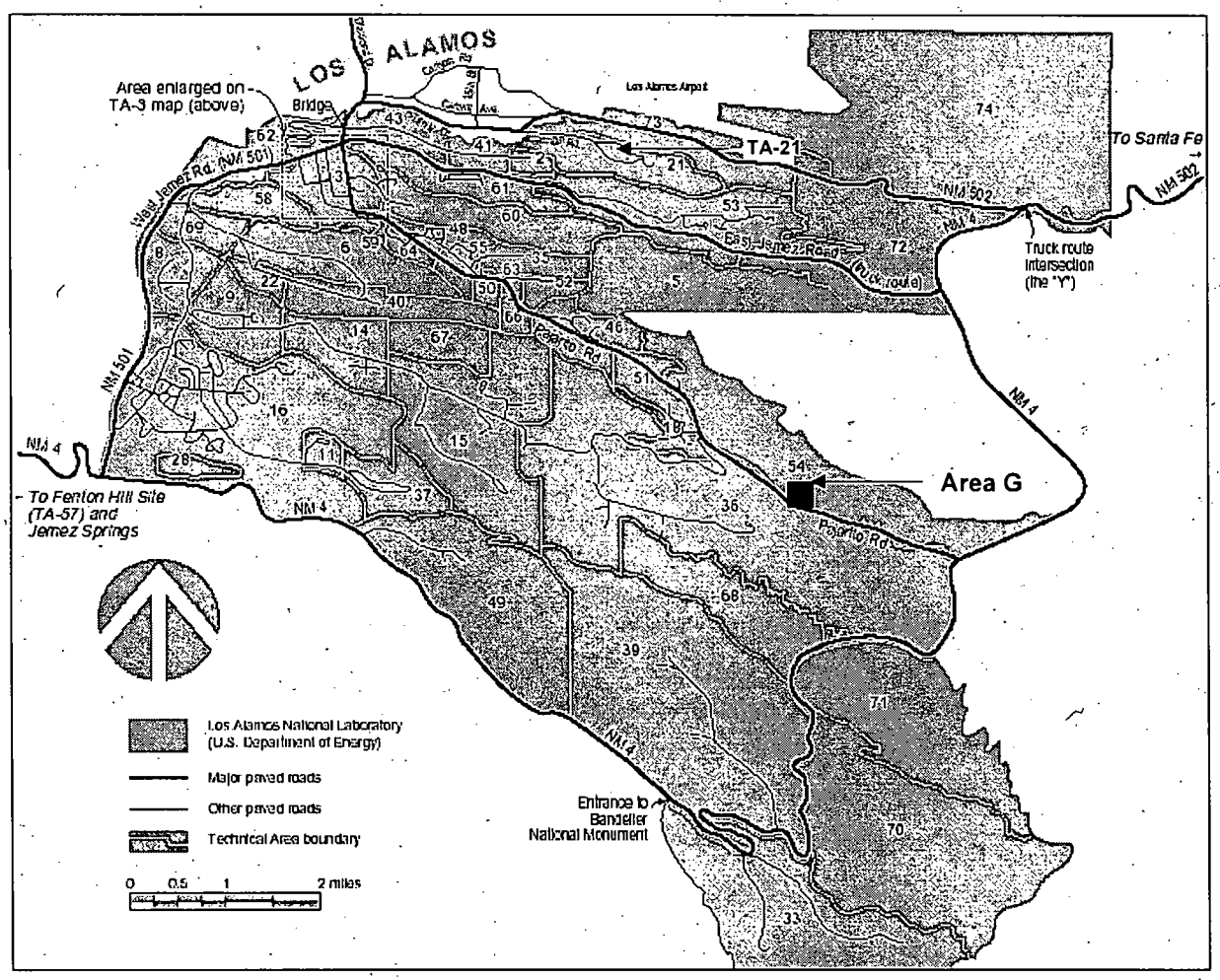
Source Document Tracking Number	Title
D028	LANL Transuranic Waste Characterization Sampling Plan-June 1999
D029	Six-Kilogram Scale Electrorefining of Plutonium Metal
D031	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassini Mission
D032	Bi-Monthly Progress Report - Multi-Hundred Watt Radioisotope Thermoelectric Generator Program
D033	Waste Management Site Plan
D034	Final Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories, and Regulatory Limits
D035	Los Alamos DP West Plutonium Facility Decontamination Project 1978-1981
D036	Process AK Report for Chloride Operations at TA-55, TWCP-15411
D037	Process AK Report for Metal Operations Processes at TA-55, TWCP-15412
D038	Process AK Report for Miscellaneous Operations at TA-55, TWCP-15413
D039	Process AK Report for Nitrate Operations at TA-55, TWCP-15414
D040	Process AK Report for Pyrochemical Processes at TA-55, TWCP-15415
D041	Process AK Report for Special Processing at TA-55, TWCP-15416
D042	Plutonium Processing at the Los Alamos Scientific Laboratory
D043	Waste from Plutonium Conversion and Scrap Recovery Operations
D044	Preparation and Development of Medical-Grade Plutonium-238 Fuels, July 1, 1967 - June 30, 1971
D045	Preparation and Evaluation of Medical-Grade Plutonium-238 Fuels July 1, 1971- June 30, 1973
D046	Plutonium-238 Fuel and Heat Source Development for Nuclear-Powered Artificial Heart Program July 1-September 30, 1976
D047	Plutonium-238 Space Electric Power Fuel Development Program January 1-March 31, 1970
D048	Helium Release of Pu-238-Molybdenum Cermet Fuel
D049	Initial Development and Characterization of Plutonia-Iridium Cermets
D050	Data Sheets for PPO Radioisotopic Fuel
D051	The Relationship of Fabrication Parameters to selected Properties of PuO2 Radioisotopic Fuels
D052	Waste Determination Report for Waste Stream TA-55-43 Lot No. 01
D053	Plutonium Recovery At The Los Alamos Scientific Laboratory
D054	Present Status of Plutonium Metal Production and Purification at Los Alamos - 1982
D055	Radioactive Waste Management Site Plan, 1974
D056	Plutonium Scrap Processing at the Los Alamos Scientific Laboratory
D057	Status of Am-241 Recovery and Purification at Los Alamos Scientific Laboratory
D058	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)
D059	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)

Source Document Tracking Number	Title
D060	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams
D062	Los Alamos Scientific Laboratory Health, Safety, and Environment Manual, Chapter XVIII-Material Disposal
D063	Acceptable Knowledge Summary report for Combustible/Noncombustible, Metallic, and HEPA Filter Waste resulting from Pu-238 Fabrication Activities
D065	LANL Project 2010 Acceptable Knowledge Report - Acceptable Knowledge Operations Report for Plutonium-238 Processes at LANL Facilities
D066	The Decommissioning of TA-21-153, A Ac-227 Contaminated Old Filter Building
D067	Nuclear Criticality Safety in D&D Operations – A Los Alamos Experience
D068	Decontamination and Demolition of a Former Plutonium Processing Facility's Process Exhaust System, Firescreen, and Filter Plenum Buildings
D069	A History of Waste Disposal at Technical Area 21, 1943 - 1978
D070	Decontamination and Size reduction of Plutonium Contaminated Process Exhaust Ductwork and Gloveboxes
D071	Upgrade and Performance Testing for the LINC Systems at TA-54 Area G
D072	Retrieval Plan for TA-54, Area G TRU Waste Containing Corrugated Metal Pipes (CMP)
D073	Project Management Objectives for Pit 9 TRU Waste Retrieval
D074	Retrieval Plan for TA-54, Area G TRU Waste for Pit 9
D075	TA-54, Area G Pit 9 Waste Description
D076	TA-54, Area G Pit 9 Waste Description
D077	TA-54, Area G CMP Waste Description
D078	TA-54, Area G Trenches A-D Waste Description
D079	TA-54 Area G Documented Safety Analysis
D080	Attachment A (Waste Analysis Plan) of the LANL Hazardous Waste Permit
D081	LANL Waste Acceptance Criteria
DR001	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers
DR002	Discrepancy Resolution Form for Waste Stream Volume Evaluation – TA-21 Mixed Heterogeneous Combustible and Non-Combustible Debris
DR003	Acceptable Knowledge Source Document Discrepancy Resolution – TA-21 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris
DR005	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001
M001	Table 1. TA-21 Plutonium Processing Operations, TA-21-Operations Report, Crosswalk to TA-55 Operations
M002	An excerpt from Archive generator's databases 95 drum
M003	Waste Streams from Buildings TA-21, TA-55, TA-50, and TA-00 at LANL. Appendices B, C, D, E and F (Changes to Sampling Plan)
M004	TA-55 NMT Waste Management System (CONCERT Database)
M008	Excerpt from CONCERT Database

Source Document Tracking Number	Title
M009	AKIR Database Extracted DP West (TA-21) Radionuclides in Grams
M010	Miscellaneous Material Safety Data Sheets (MSDSs) for Commercial Products and other Chemicals Identified in the TA-21 Processes
M011	Radioactive Solid Waste Disposal (RSWD) Records for LA-MHD04.001
M012	Radioactive Solid Waste Disposal (RSWD) Records from TA-50 Documenting TA-21 Repackaged Waste
M013	Evaluation of Additional Containers for LANL-10 Waste Stream LA-MHD04.001 (TA-21)
M014	Vent Date Information 6/26/2007 – 4/17/2008
M015	TWSRs for Containers 80126, 80128, 80354, 80356, 80358, 80360, 80380, 80388
M016	Pu-238 Storage Facility Logbook
M017	CMPs Logbook Area T, TA-21
M018	TA-54, Area G, Pit 9 Waste Information Spreadsheet
M020	RSWD/TWSR Records for LA-MSG04.001
M021	RSWD/TWSR Records for LA-MHD04.001
P001	Plutonium Electrorefining
P002	Button Breaking Press
P003	Safe Operating Procedure for Pit Disassembly
P004	Measuring Physical Properties
P007	Pit Disassembly
P009	Operating Instructions, Procedures, and Equipment for the Los Alamos Plutonium Electrorefining Plant
P010	Prohibited Item Dispositioning in Dome 231 Permacon, and TA-54 Area G Sludge Remediation Activities
P011	Processing Waste in the Waste Characterization Glovebox
P012	Standard Waste Visual Examination and Prohibited Item Dispositioning
P013	Trenches A – D Retrieval Operations
P014	TA-54, Area G CMP Retrieval Operations
P015	General Waste Management Requirements
P016	Managing Radioactive Waste
P017	Hazardous and Mixed Waste
P018	Review and Completion of the TWSR
P019	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)
P020	Waste Profile Form Guidance
P021	Sort, Segregate, Size Reduction, and Repackaging
P028	TA-54 Area G TRU SWB/Drum Operations
P029	TA-54-231 PermaCon Upgrades
P030	Sort, Segregate, Size Reduction, and Repackaging Activity
P032	TA-54 Area G TRU Crate SSSR Activities
P033	WCRRF Waste Characterization Glovebox Operations

Source Document Tracking Number	Title
P034	TA-54-375 TRU Oversized Box Processing Capability Project
P035	MDA-B TRU Waste Container Packaging in SWBs
P036	Waste Management Plan for Material Disposal Area (MDA) B
P037	Waste Management Procedure for Environment Program TA-21 Closure Project Activities (U)
U001	A Brief History of C-AAC
U002	Memorandum to E.L. Albenesius, re: Description of Mound and LASL Solid Pu-238 Waste Stored at SRP

Figure 1. Location of Technical Areas



Technical Areas

TA	Nomenclature
2	Omega Site
3	South Mesa Site
5	Beta Site
6	Two-Mile Mesa South Site
8	Anchor West Site
9	Anchor East Site
11	K-Site
14	Q-Site
15	R-Site
16	S-Site
18	Pajarito Laboratory
21	DP-Site
22	TD-Site
28	Magazine Area A
33	HP-Site
35	Ten Site
36	Kappa Site
37	Magazine Area C
39	Ancho Canyon Site
40	DF-Site
41	W-Site
43	Health Research Laboratory/ DOE Headquarters
46	WA-Site
48	Radiochemistry Site
49	Frijoles Mesa Site
50	Waste Management Site
51	Environmental Research Site
52	Reactor Development Site
53	Los Alamos Neutron Science Center
54	Waste Disposal Site
55	Plutonium Facility
57	Fenton Hill Site
58	Two-Mile Mesa North Site
59	OH-Site
60	Sigma Mesa Site
61	East Jemez Site
62	Northwest Site
63	Pajarito Service Site
64	Central Guard Site
66	Central Technical Support Site
67	Pajarito Mesa Site
68	Water Canyon Site
69	Anchor North Site
71	Southeast Site
72	East Entry Site
73	Airport Site
74	Otowi Site

Figure 2. TA-21 Facility Map

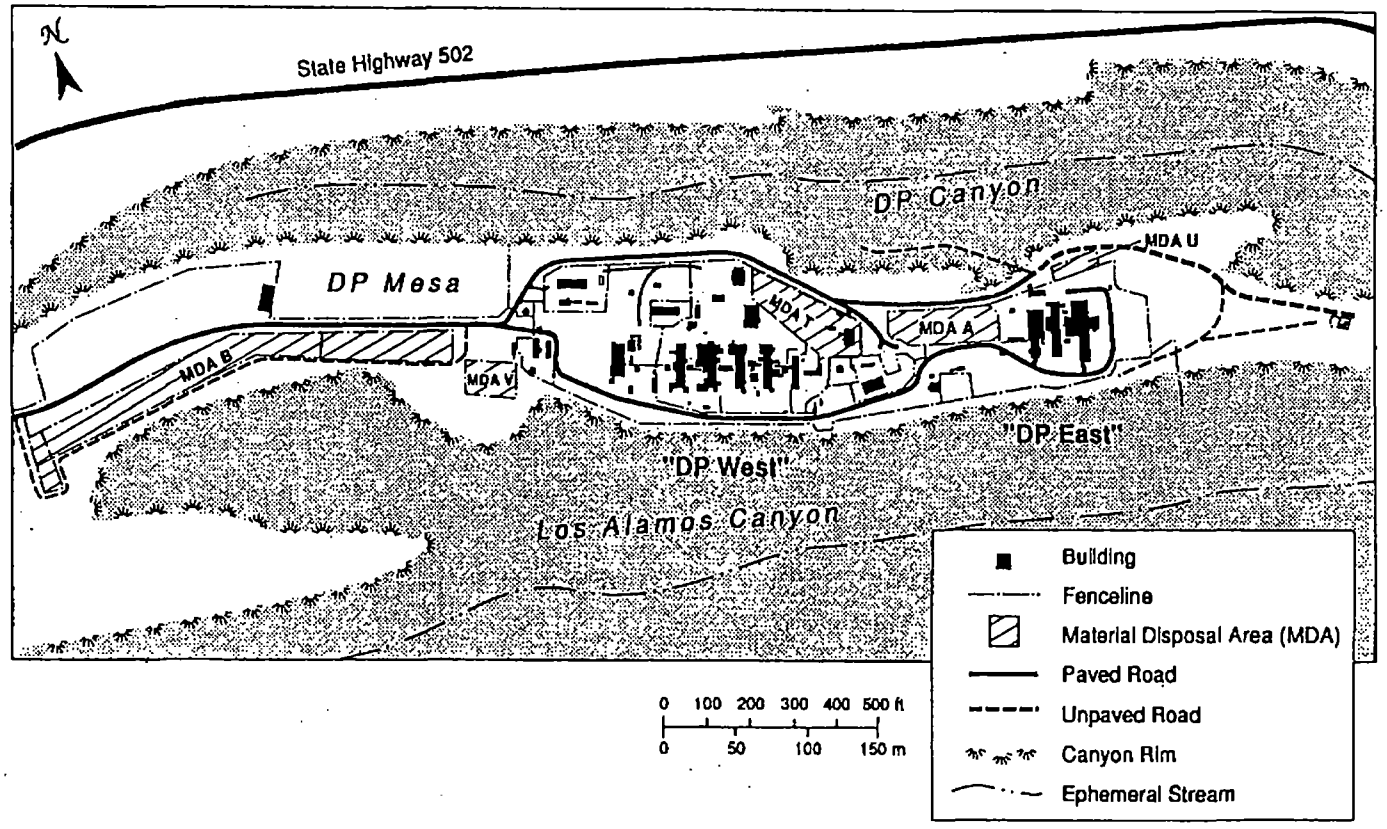


Figure 3. DP West Building Map

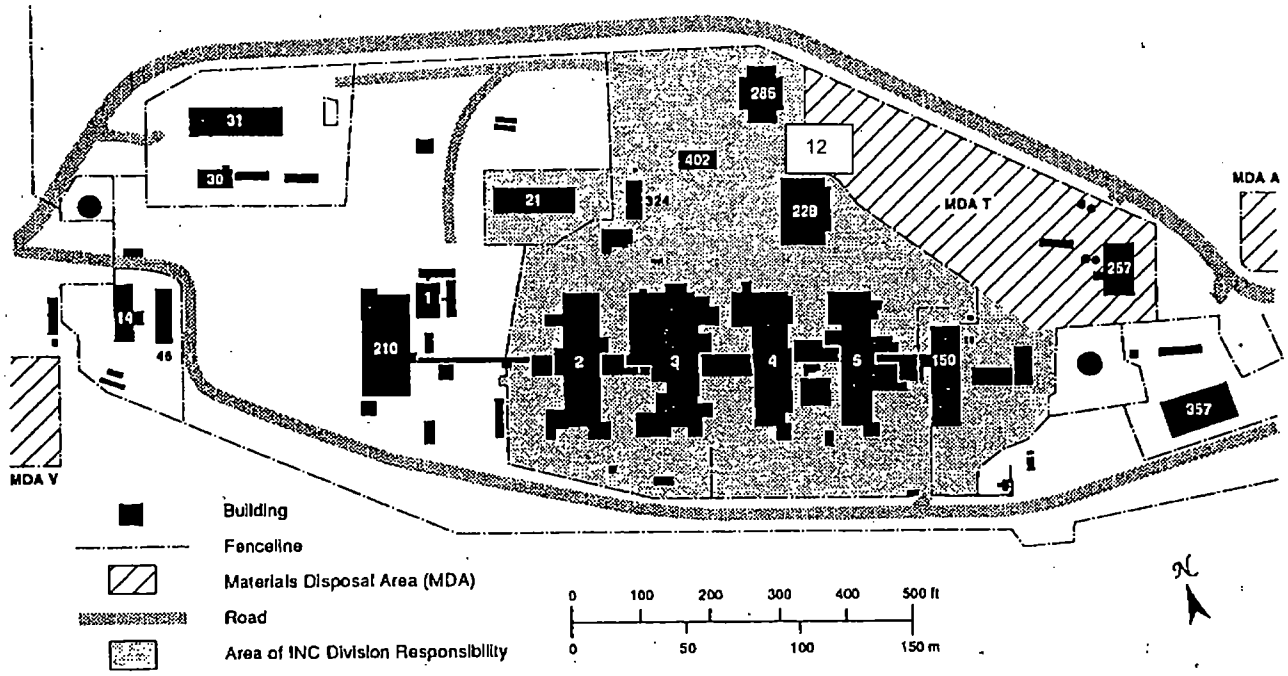


Figure 4. DP West Plutonium Recovery Operations Circa 1968

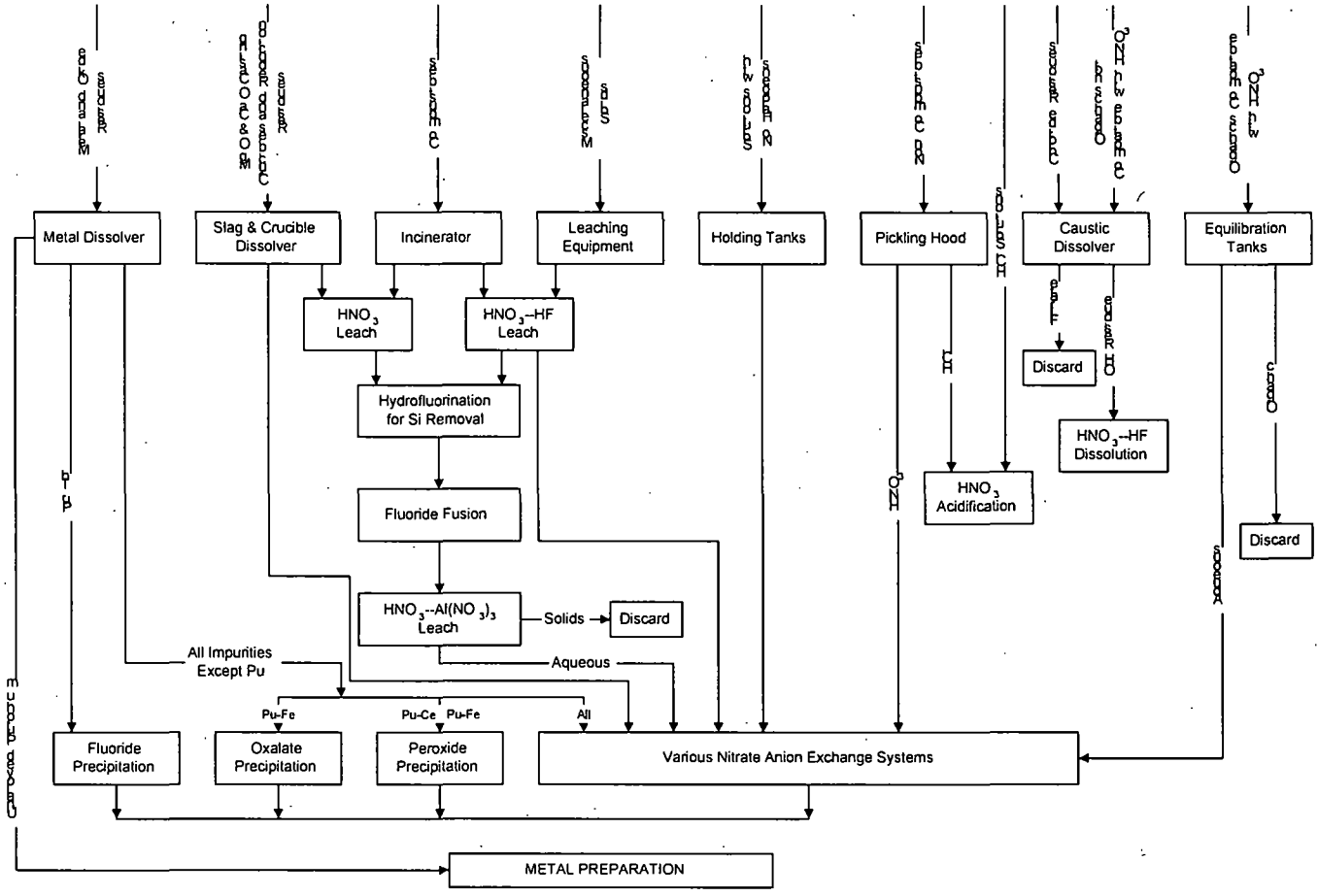


Figure 5. DP West Plutonium Recovery Operations Circa 1975

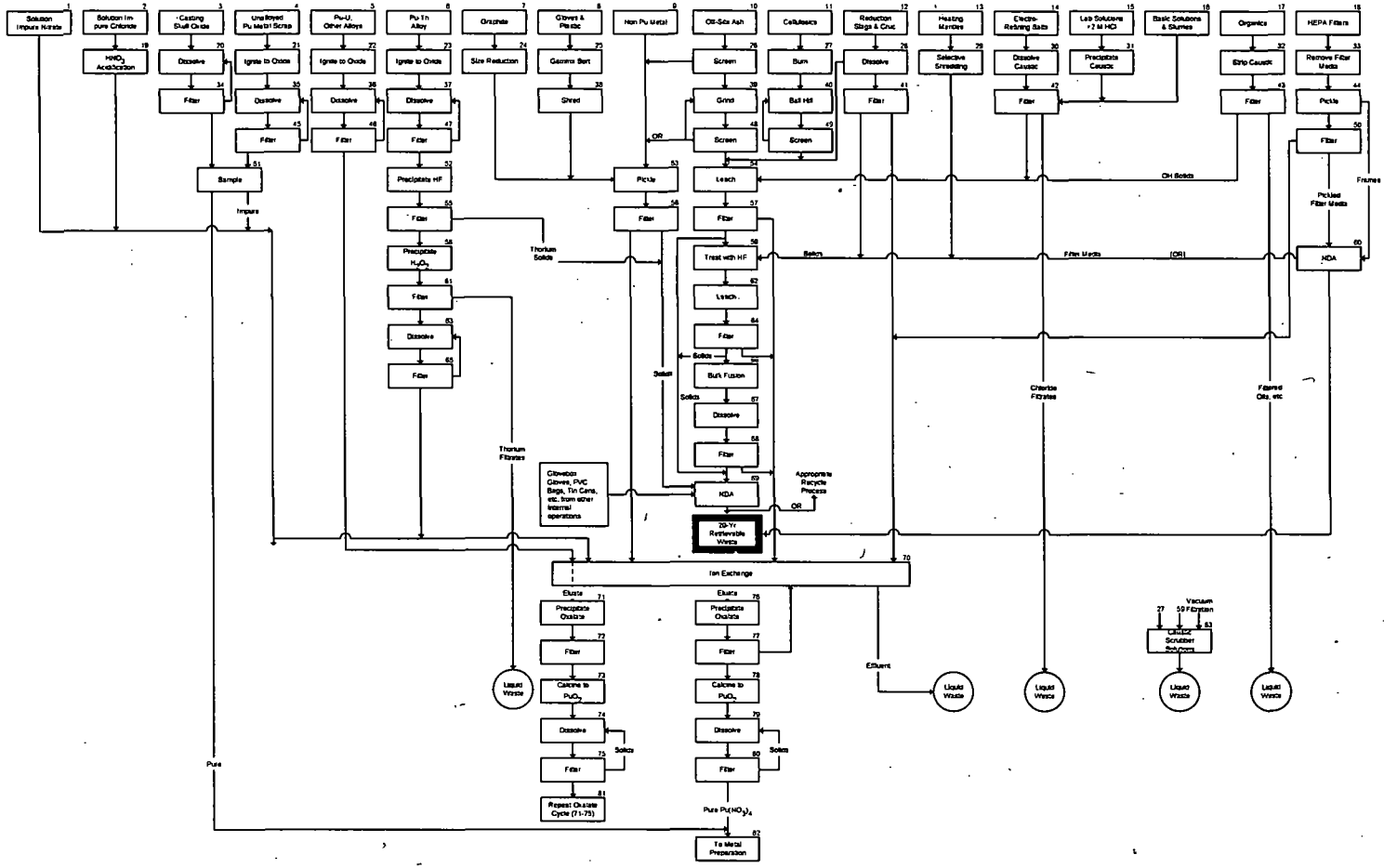


Figure 6. TA-55 Plutonium Recovery Operations Circa 1979

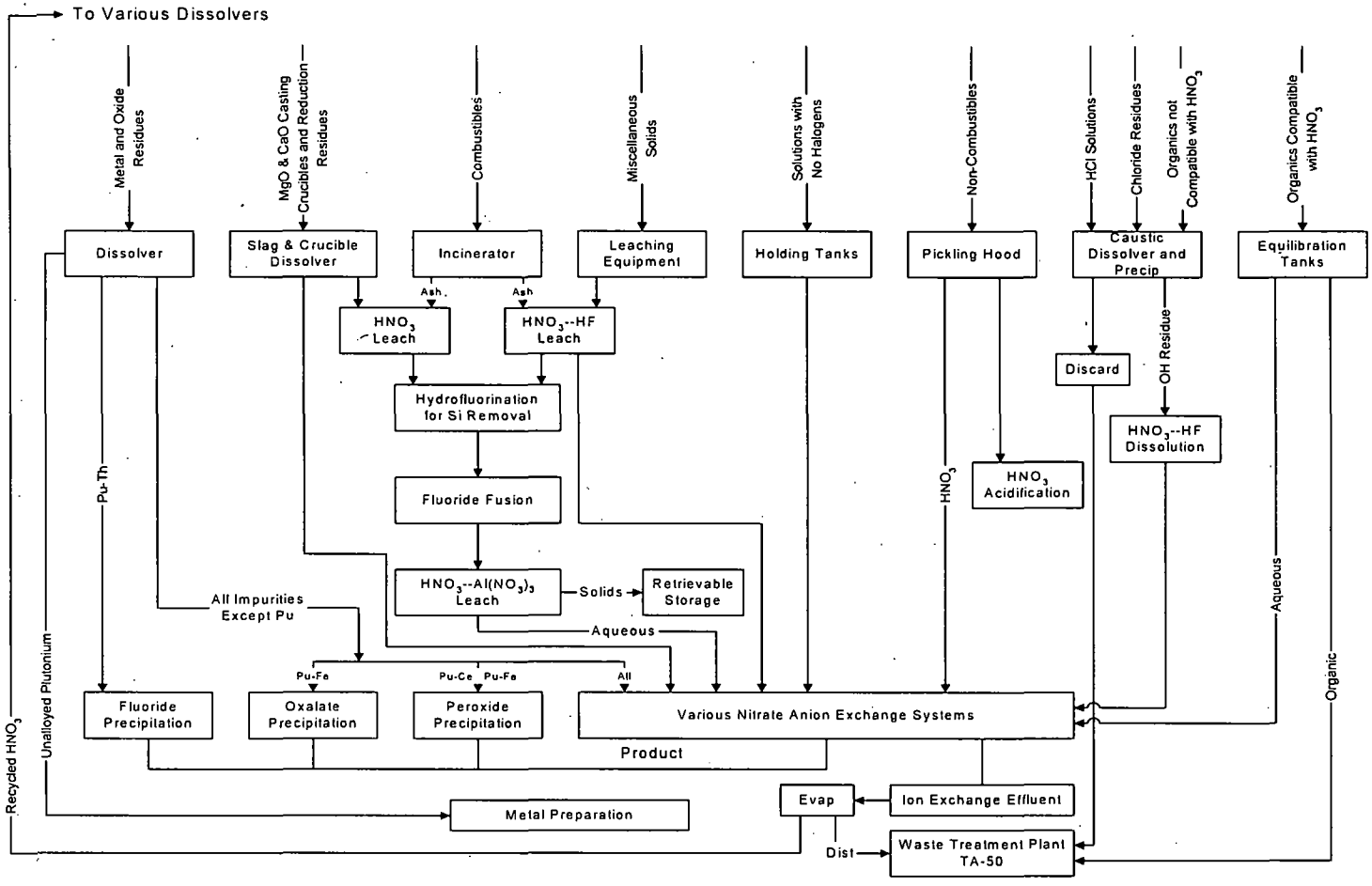


Figure 7. DP West Incineration Process Flow Diagram

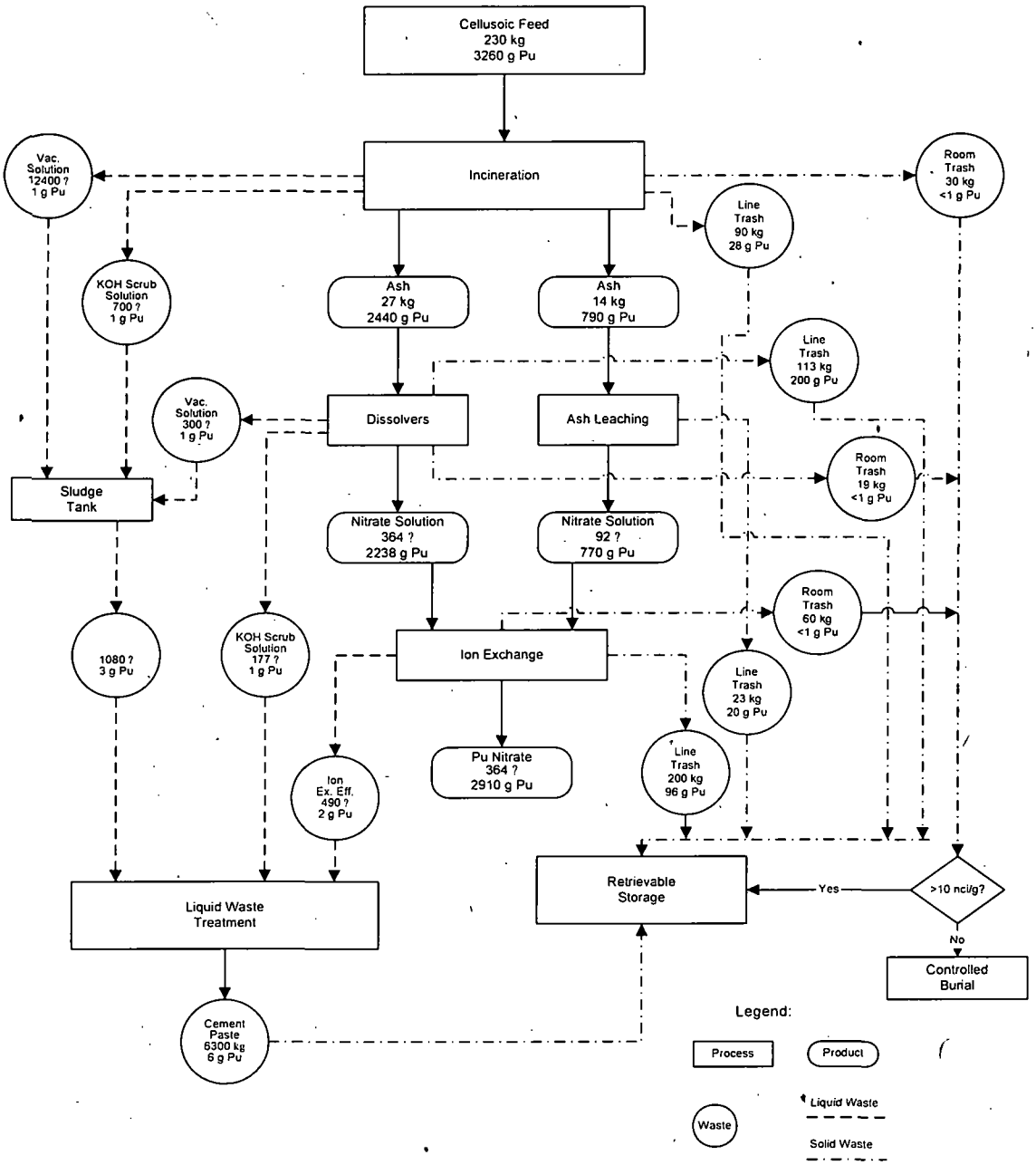


Figure 8. DP West Plutonium Metal Cycle

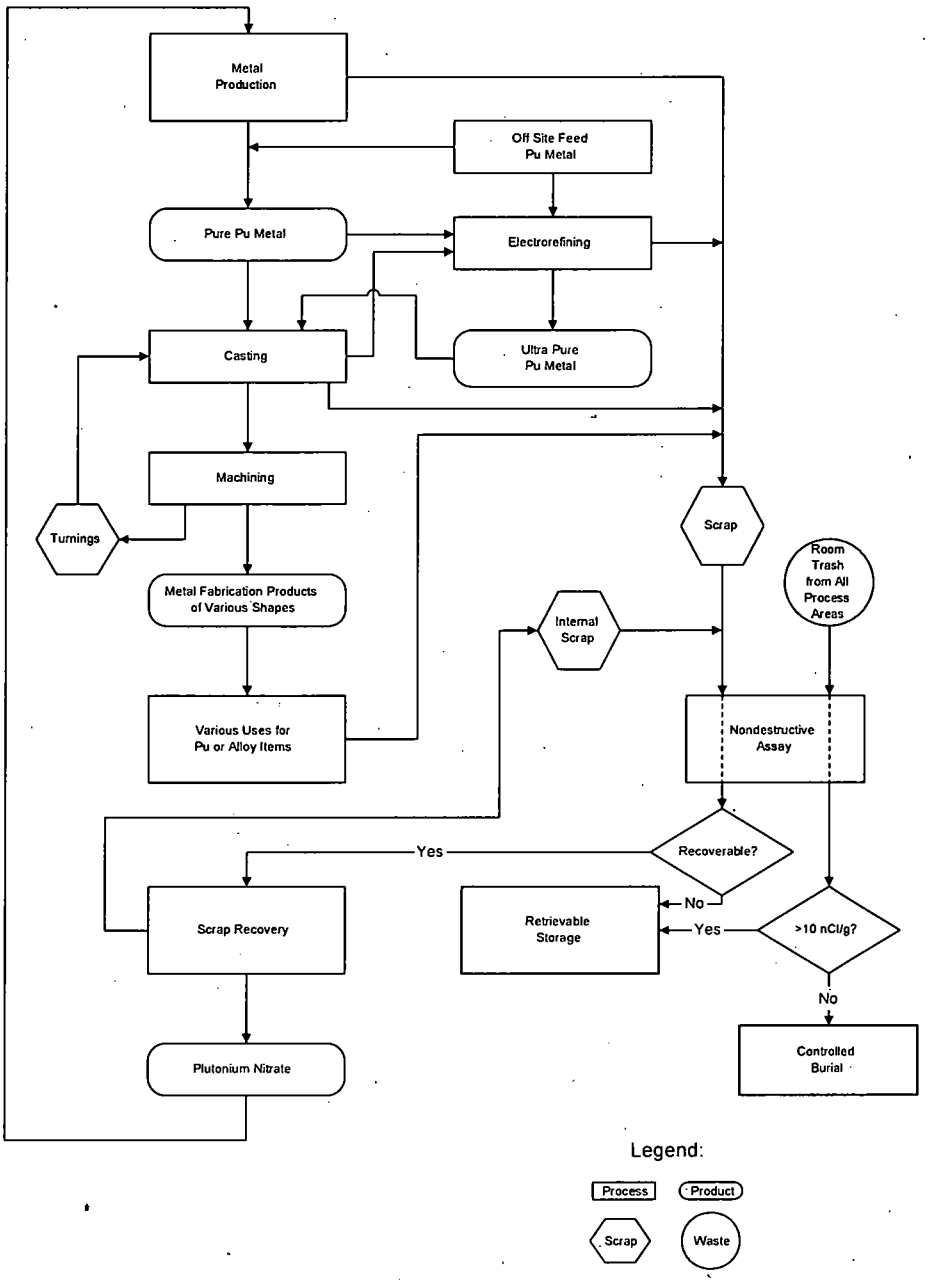


Figure 9. DP West Plutonium Metal Production Flow Diagram

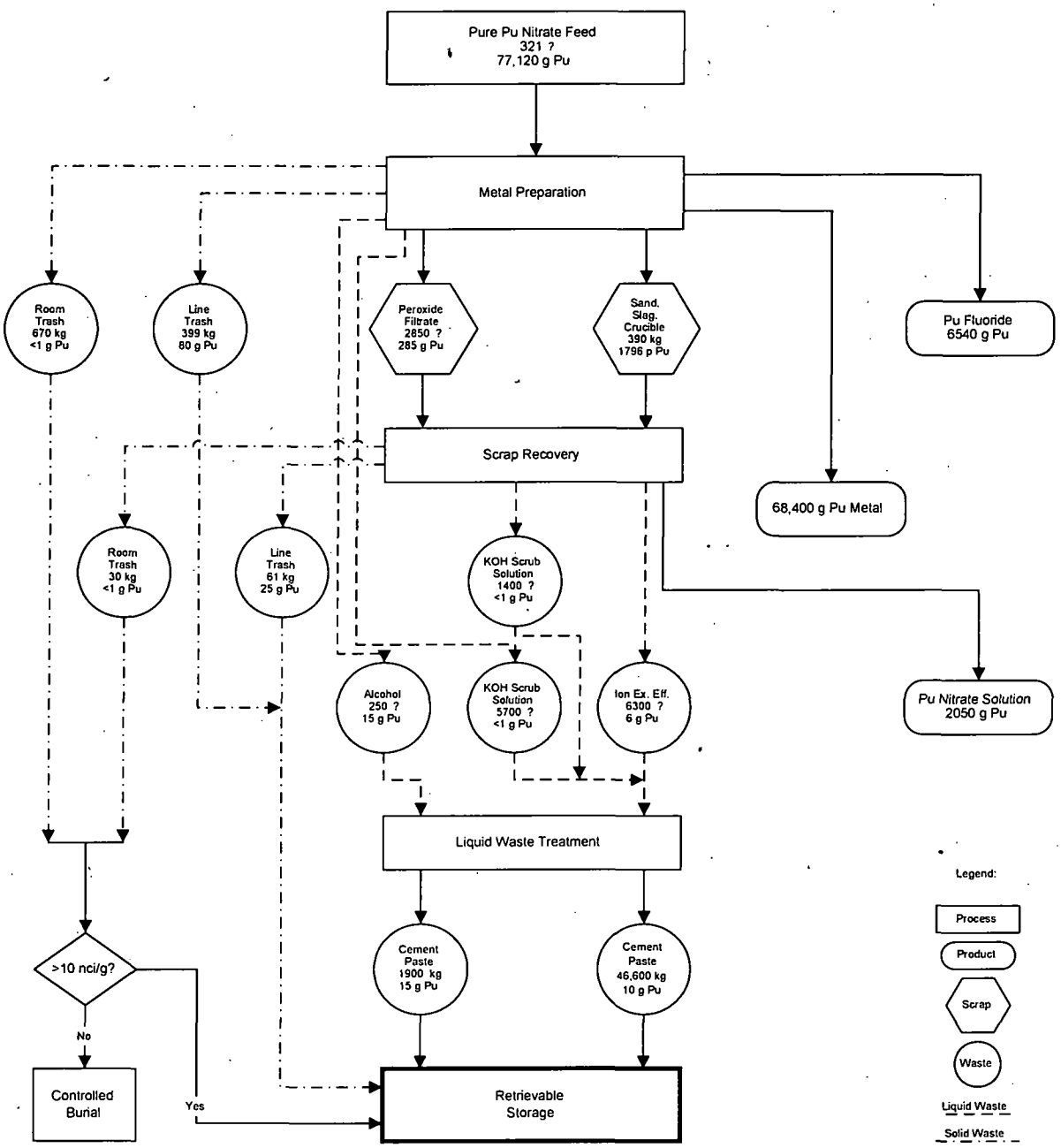


Figure 10. LANL Ceramic Grade Plutonium Oxide Production Circa 1980

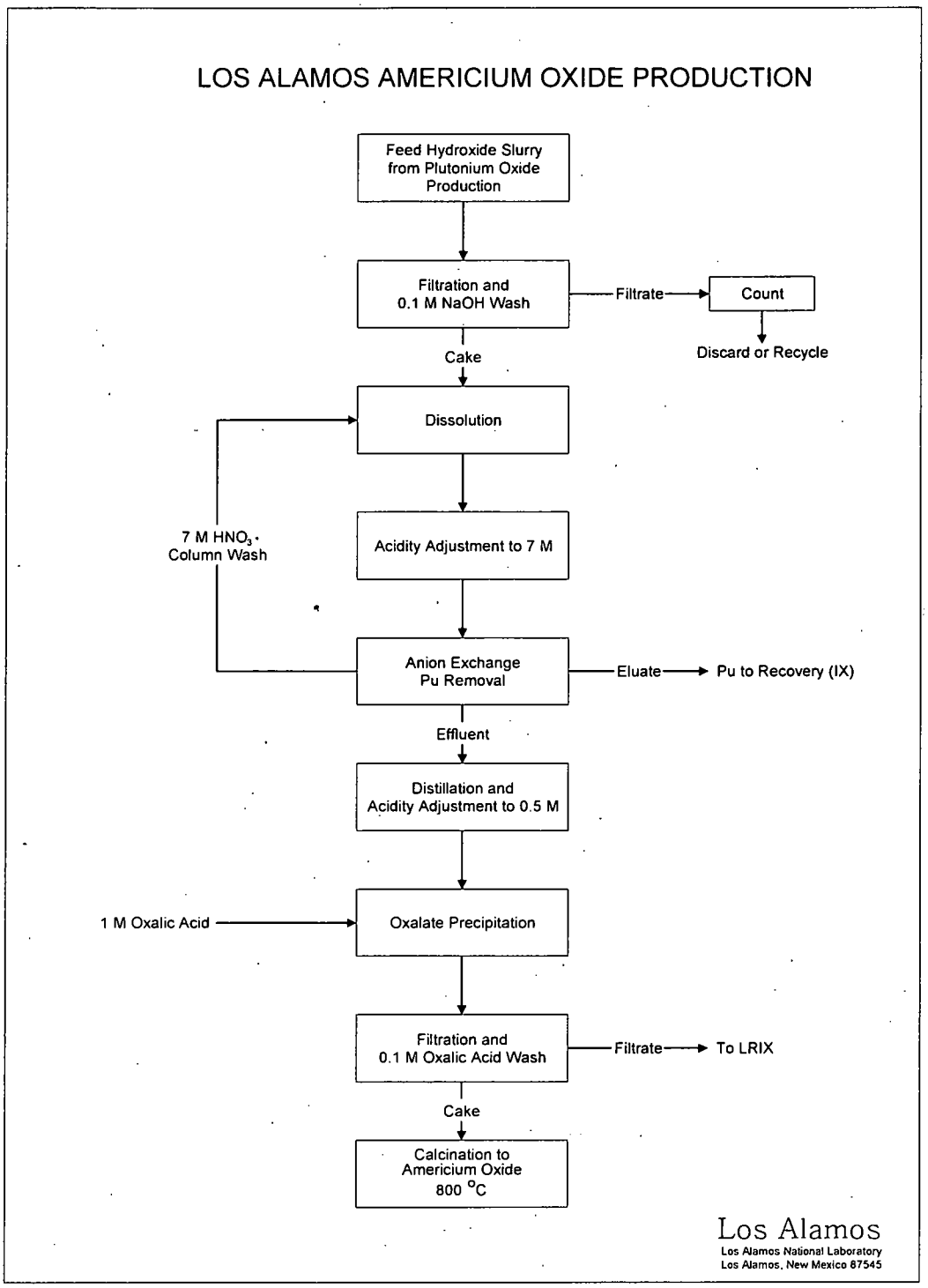


Figure 11. Waste Repackaging and Prohibited Item Disposition Flow Diagram

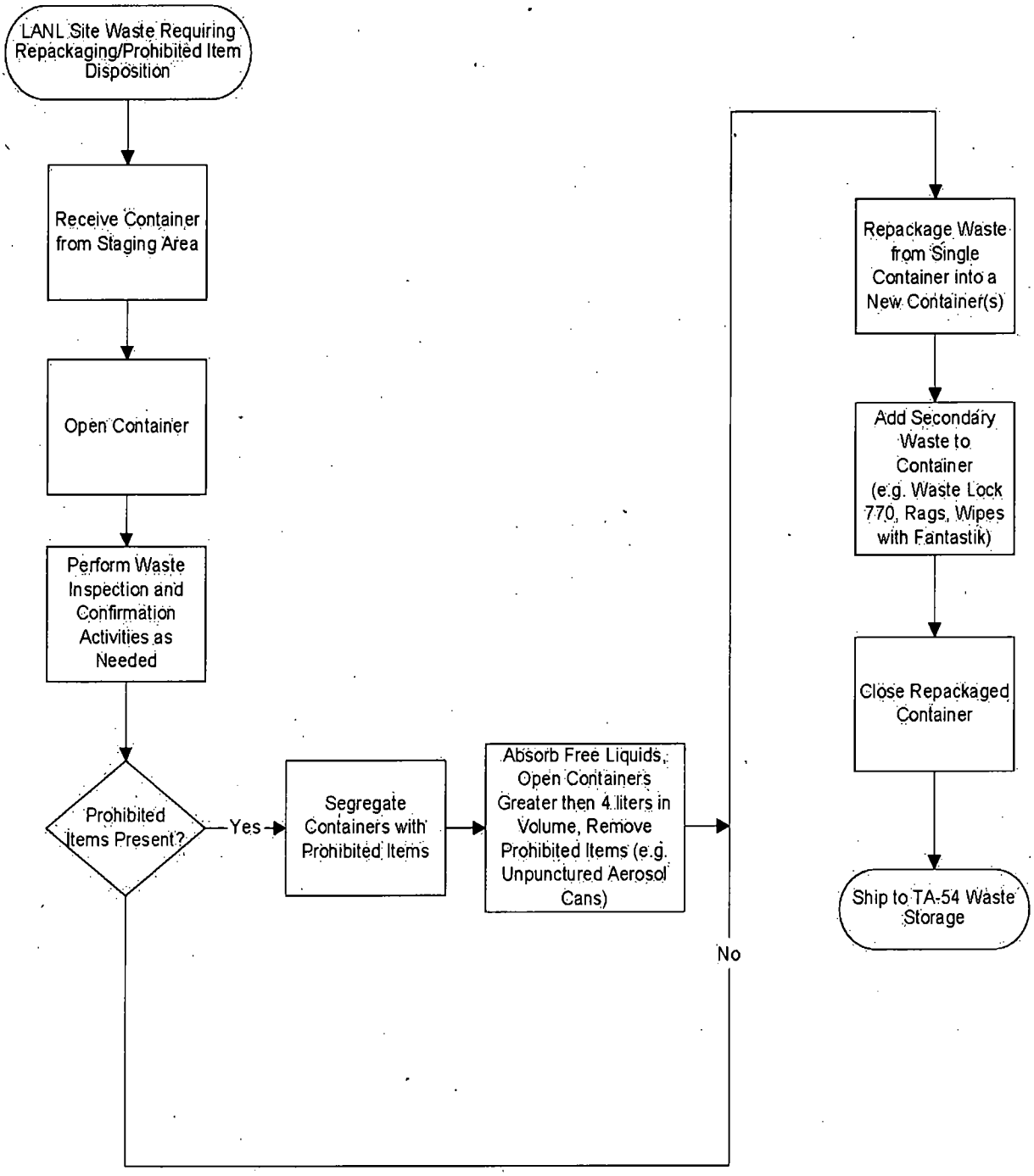


Figure 12. Below-Grade Drum Retrieval Flow Diagram

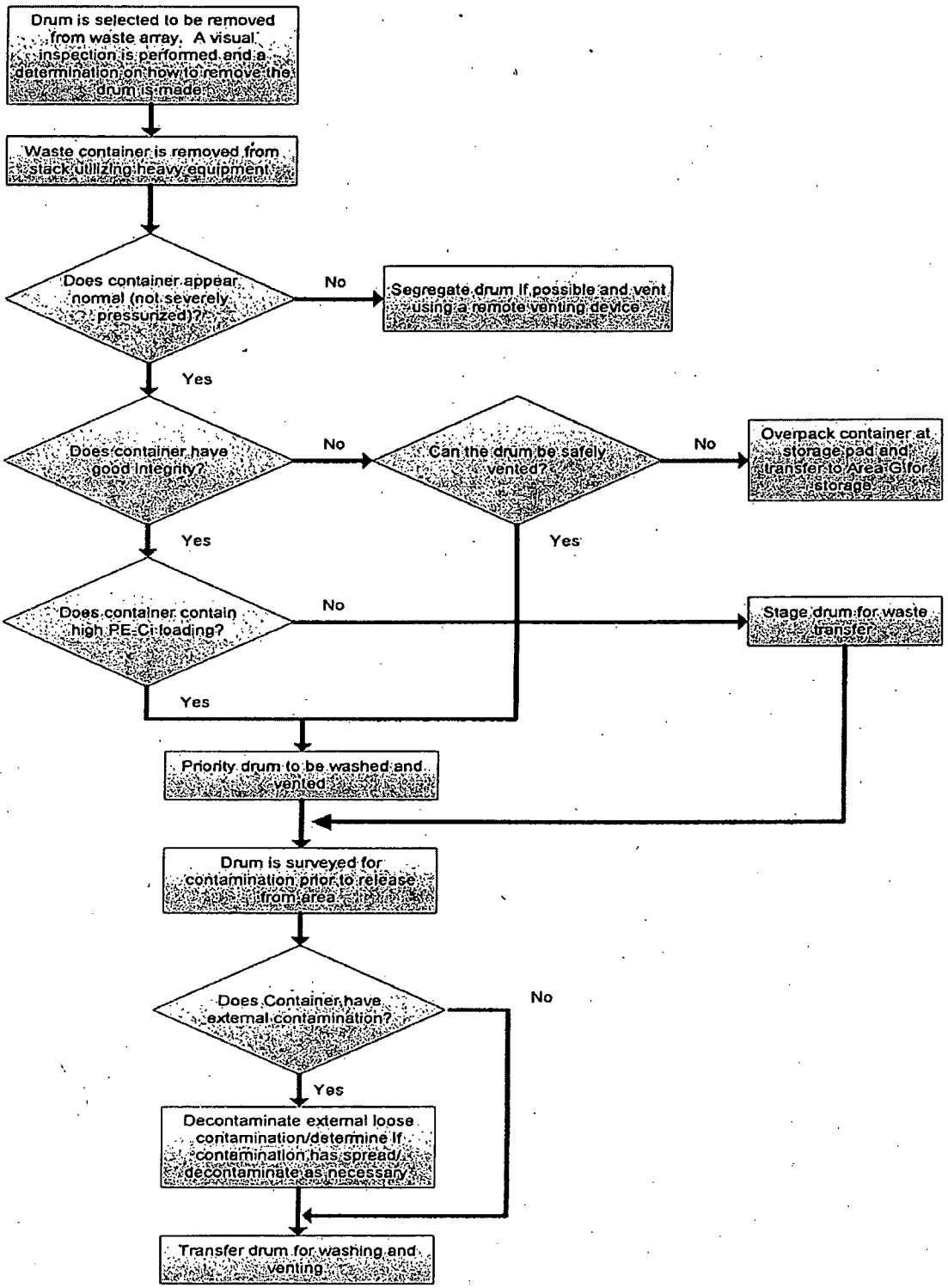
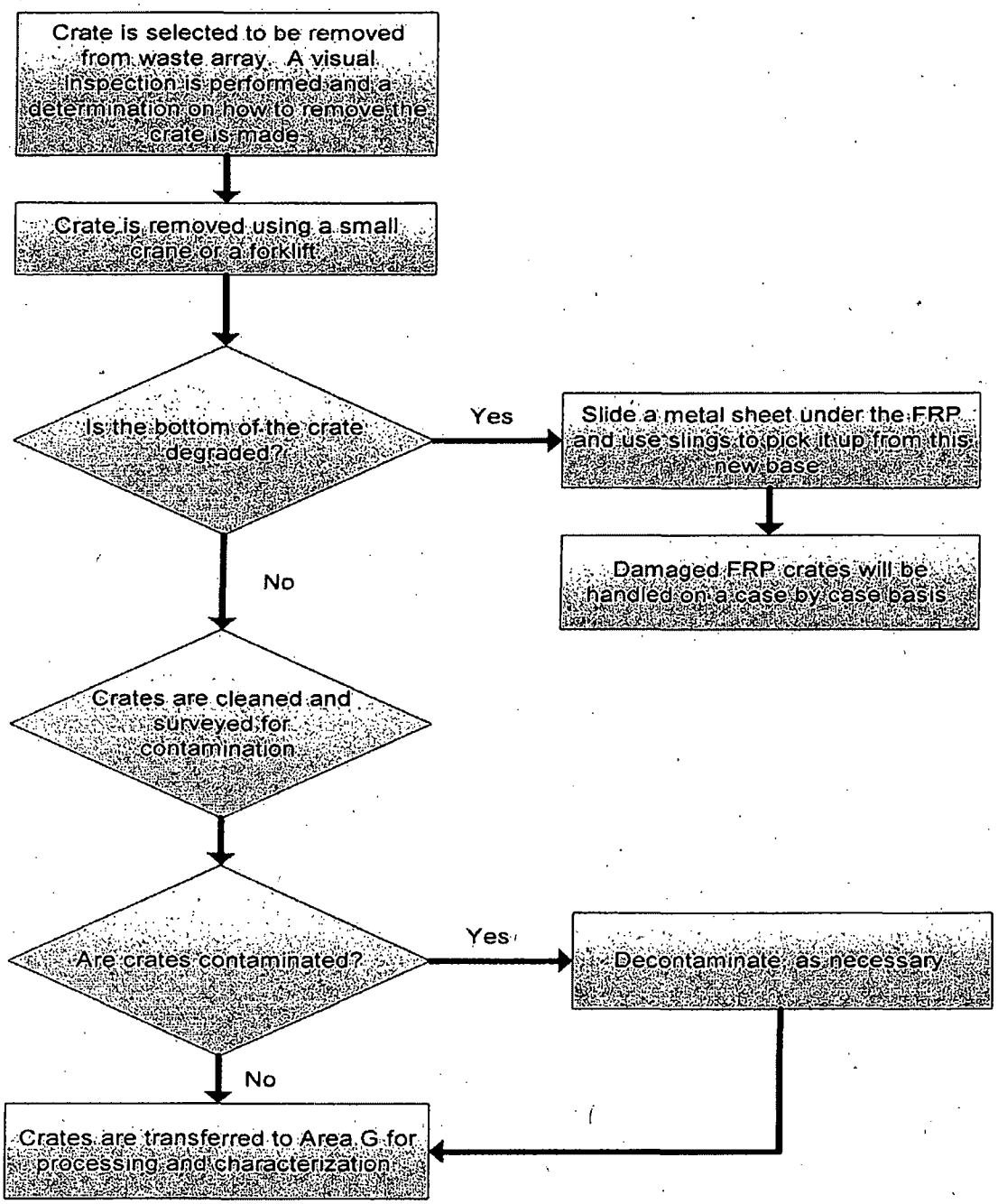


Figure 13. Below-Grade Crate Retrieval Flow Diagram



Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR008
Waste Stream Number(s): LA-CIN04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-CIN04.001	
Source Document Reference Information (author(s), document and revision number, date, publisher): Michael J. Papp, NA, Rev. NA, 06/18/2014, P2010-3672	

AK # [b]	Source Doc. Page #[c]	AK Information Summary
WS12	Throughout	The TA-55 AK Summary Report assigns EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002 AND F005 to its waste streams. LANL's TRU Program also assigned EPA HWN F003 to cemented waste from TA-21 (reference historical LANL waste stream LA-MIN01-CIN). The TA-21 AK Summary Report assigns the aforementioned EPA HWNs to cement waste stream LA-CIN04.001 wit the exception of D018, D019, D021, D035, D038, D039, D040, and F003. This is inconsistent with the TA-55 AK Summary Report and historical LANL characterization. Resolution: A review of available AK was completed to determine the RCRA characterization and the assignment of HWNs, if applicable. Although the assignment of both listed and associated toxicity characteristic HWNs in TA-55 AK Summary Report and historical LANL characterization is not required and is inconsistent with the characterization of TA-21 waste, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 AK Summary Report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore, the HWNs associated with TA-55 waste will not be updated. Waste Stream LA-CIN04.001 contains RCRA regulated constituents and is assigned EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, and F005.

NTPC RECORDS ORIGINAL
DATE REC'D 7-1-14

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR008

Source Document Data Limitations (If any):

1. None.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 6-19-14

Print /Sign

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution - Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-CIN04.001

P2010-3672

Waste Stream Number(s): LA-CIN04.001

Waste Stream Description: Mixed Cemented TRU Waste from TA-21 DP West

AK Source Document Discrepancy Form Tracking Number: DR008

Tracking #	Title	Document/Rev #	Author	Date	Page #
D059	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)	TWCP 23596; AK-00-23, Rev. 0	C. Smith	07/08/2004	All
D060	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	AK-00-019	C. Smith	09/22/2003	All
DR001	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Steam LA-MHD04.001	N/A	CCP	04/04/2007	All
N/A	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-21 DP West Facility	CCP-AK-LANL-010, Rev. 7	CCP	Draft	Sections 5.4.3, 7.3 & 7.4.3
N/A	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-55 Mixed Transuranic Waste	CCP-AK-LANL-006, Rev. 13	CCP	02/10/2014	Section 5.4.3
N/A	CCP Acceptable Knowledge Documentation	CCP-TP-005, Rev. 26	CCP	08/12/2013	Sections 4.4.16 – 4.4.20
N/A	McCoy's RCRA Unraveled	N/A	McCoy and Associates, Inc.	2012 Edition	Chapters 3 & 13

NTPC RECORDS ORIGINAL

DATE REC'D 7-1-14

Nature of Discrepancy:

The CCP Acceptable Knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AK-LANL-010, was created to characterize heterogeneous debris, contaminated soil, and new cement waste stream LA-CIN04.001. The materials and chemicals used in past operations at the DP West Facility are the same or similar as materials and chemicals used at the TA-55 Plutonium Facility. The number of AK source documents relating to the DP West Facility and the level of detail in these documents is also less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the TA-21 AK Summary Report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in TA-55 including associated chemical and material inputs. This cemented waste could be contaminated with any of the materials and chemicals from the processes described in the TA-21 AK Summary Report (Reference Section 7.3). Therefore, this waste stream contains the same or similar hazardous constituents as those identified for waste stream LA-MHD04.001 and will carry all the same Environmental Protection Agency (EPA) Hazardous Waste Numbers (HWNs).

The TA-55 AK Summary Report assigns EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, and F005 to its waste streams. LANL's TRU Program also assigned EPA HWN F003 to cemented waste from TA-21 (reference historical LANL waste stream LA-MIN01-CIN). The TA-21 AK Summary Report assigns the aforementioned EPA HWNs to cement waste stream LA-CIN04.001 with the exception of D018, D019, D021, D035, D038, D039, D040, and F003. This is inconsistent with the TA-55 AK Summary Report and historical LANL characterization (References CCP-AK-LANL-006, D059, and D060).

Resolution:

In accordance to CCP Acceptable Knowledge Documentation, CCP-TP-005, a review of available AK was completed to determine the Resource Conservation and Recovery Act (RCRA) characterization and the assignment of EPA HWNs, if applicable. To assign EPA HWNs, AK source documents including procedures, personnel interviews, reports, container packaging, shipping documentation, material safety data sheets (MSDS), and manufacturer information for commercial products are reviewed to determine potential waste material inputs and possible chemical contaminants associated with the waste. EPA HWNs are often conservatively assigned for compounds used due to the lack of analytical evidence or inconsistent process knowledge that these constituents are not present in the waste or exceed the regulatory thresholds.

CCP-TP-005 provides specific instruction on the review of AK to determine if toxicity characteristic EPA HWNs are to be assigned. The appropriate toxicity characteristic HWN is assigned if characteristic contamination is identified, and has NOT been assigned a more specific listed HWN, unless data is available that demonstrates the concentration in the waste is less than the regulatory threshold. In addition, McCoy's RCRA Unraveled indicates that if the treatment standard for the listed waste specifically addresses the characteristic exhibited by the waste, only the listed HWN applies. Since the waste characterized in the TA-21 AK Summary Report includes the assignment of HWNs F001, F002, and F005, the following toxicity characteristics are specifically addressed by these listed HWNs and they are not assigned: D018 (benzene), D019 (carbon tetrachloride), D021 (chlorobenzene), D035 (methyl ethyl ketone); D038 (pyridine), D039 (tetrachloroethylene), and D040 (trichloroethylene).

F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, methyl isobutyl ketone, and xylene are listed solely because these solvents are ignitable in the liquid form. The waste stream will not exhibit the characteristic of ignitability because it is not liquid; therefore, F003 is not assigned (Reference McCoy's RCRA Unraveled).

Although the assignment of both listed and associated toxicity characteristic HWNs in TA-55 AK Summary Report and historical LANL characterization is not required and is inconsistent with the characterization of TA-21 waste, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 AK Summary Report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore, the HWNs associated with TA-55 waste will not be updated.

Based on the above information, waste stream LA-CIN04.001 contains RCRA regulated constituents and is assigned EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, and F005.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: Michael J. Papp / [signature] Date: 06/18/14
Print Sign

Site Project Manager: Terri-Anne Grooven / [signature] Date: 6/18/14
Print Sign

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR007
Waste Stream Number(s): LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	*Category:* ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a] : *Removal of One (1) Debris Container from Soil Waste Stream LA-MSG04.001*	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 06/07/2012, P2010-3259	

AK # [b]	*Source Doc. Page #* [c]	AK Information Summary
PR6, WS1, WS9, S9	Throughout	Based on the AK collected for waste stream LA-MSG04.001 containers, the waste stream is comprised of at least 50 percent, but no greater than 95 percent, by volume of soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Although the waste stream, as a whole, is comprised of more than 50 to 95 percent soil, any container may include nearly any percentage of the waste material parameters listed in section 6.4.1.2 of the AK report; however, any payload container consisting of more than 50 percent by volume of debris will be excluded from this waste stream. RTR identified one container with greater than 50 percent by volume of debris waste in waste stream LA-MSG04.001. Resolution: Container no 89794 has been removed from waste stream LA-MSG04.001. With the removal of this container from waste stream LA-MSG04.001, the physical, chemical and radiological characterization of the remaining containers in the waste stream is consistent with waste stream description in CCP-AK-LANL-010.

CCP RECORDS ORIGINAL
DATE REC'D 7/19/12

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR007
Source Document Data Limitations (if any): 1. None.	
Acceptable Knowlege Expert: Amy Johns Amy Johns Date: 01/25/2012 Print /Sign	

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

P2010 - 3259
Page 1 of 2

Waste Stream Number(s): LA-MSG04.001 (CCP-AK-LANL-010)
Waste Stream Description: Contaminated Soil

AK Source Document Discrepancy Form Tracking Number: DR007 – Removal of one (1) debris container from soil waste stream LA-MSG04.001

Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
	Pub.	CCP AK Summary Report for LANL TA-21 DP West Facility	CCP-AK-LANL-010, Rev. 5	M. Ramirez	5/04/2012	CCP	98 - 109
	Unpub.	CCP Non-Conformance Report	NCR-LANL-3967-11, Rev. 0	E. Lyles	11/29/2011	CCP	ALL
	Unpub	RTR Data Sheets for Container No. 89794	LA-HERTR-11-0003	E. Lyles	11/29/2011	CCP	10 - 12
M219	Unpub.	RSWD for Container No. S843289 (parent to container no. 89794)	RSWD S843289	C. Blackwell	4/23/1980	LANL	ALL

Nature of Discrepancy:

Based on the AK collected for waste stream LA-MSG04.001 containers, the waste stream is comprised of at least 50 percent, but no greater than 95 percent, by volume of soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Although the waste stream, as a whole, is comprised of more than 50 to 95 percent soil, any container may include nearly any percentage of the waste material parameters listed in Section 6.4.1.2 of the AK Report, however, any payload container consisting of more than 50 percent by volume of debris will be excluded from this waste stream

RTR identified one (1) container with greater than 50 percent by volume of debris waste in soil waste stream LA-MSG04.001. Because the waste observed by RTR in this container did **not** match the Waste Matrix Code and the Waste Stream Description for Waste Stream LA-MSG04.001, an NCR was written for this container in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure.

Resolution:

[Container no. 89794 has been removed from waste stream LA-MSG04.001]

Container No. S843289 (parent to container no. 89794) was assigned to waste stream LA-MSG04.001 because the Radioactive Solid Waste Form (RSWD), Block 5, Waste Code is A90 – Radioactive Contaminated Soil [RSWD attached]. Since RTR has determined that the waste in this container is greater than 50 percent debris material, container no. 89794 will be removed from waste stream LA-MSG04.001 (soil) and re-assigned to the LA-MHD04.001 (debris).

With the removal of this container from waste stream LA-MSG04 (contaminated soil), the physical, chemical, and radiological characterization of the remaining containers in the waste stream is consistent with the waste stream description in CCP-AK-LANL-10.

Discrepancy Resolved: [X] Yes[ ] No

Acceptable Knowledge Expert: Randy Fitzgerald / _____ Date: 6/7/2012
Print Sign

Site Project Manager: Terri Ann Groover / _____ Date: 6/7/2012
Print Sign

[a]Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist

P2010 - 3259
Page 1 of 2

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MSG04.001 (CCP-AK-LANL-010)
Waste Stream Description: Contaminated Soil
NCR numbers(s) if applicable: NCR-LANL-3967-11, Rev. 0
Inconsistency between waste characterization and acceptable knowledge information (describe): RTR identified one (1) container with greater than 50 percent heterogeneous debris material in this contaminated soil waste stream. Because the waste observed by RTR in this container did **not** match the Waste Matrix Code and the Waste Stream Description for Waste Stream LA-MHD01.001 (heterogeneous debris), an NCR was written for this container in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure. [DR007 – Removal of one (1) debris container from contaminated soil waste stream LA-MSG04.001.

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	No	EPA HWNs not discrepant. Container not re-assigned at this time. See DR007.
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	No	EPA HWNs not discrepant. Container not re-assigned at this time. See DR007
Reassess and document all sampling and analytical data associated with the waste. [c]	No	Container not re-assigned at this time. See DR007. Container documentation attached, i.e., RSWD for parent container no. S843289; and RTR Data Sheets for container no. 89794.
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	No.	Container not re-assigned at this time. See DR007. Parent container S843289 was assigned to LA-MSG04.001, which is assigned a waste matrix code of S4200. RTR identified the waste in this container as greater than 50% debris waste, which is not consistent with waste matrix code S4200. Container no. 89794 will be removed from waste stream LA-MSG04.001, and will be re-assigned to the debris waste stream LA-MHD04.001.
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	No	N/A – Radionuclides are not discrepant. Container not re-assigned at this time. See DR007.
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	Container not re-assigned at this time. See DR007. Container no. 89794 will be removed from the LANL AK6 Attachment 8, Waste Containers List for waste stream LA-MSG04.001.
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	Yes	No unresolved discrepancies. Container not re-assigned at this time. See DR007.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

Randy Fitzgerald — **Date:** 6/7/2012
Print **Sign**

Site Project Manager:

Terri Groover — **Date:** 6/7/2012
Print **Sign**

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-3967-11		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-HERTR-11-0003
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 89794
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
CCP-TP-053, Stanard Real Time Radiography (RTR) Inspection Procedure, Rev. 11, Section 4.4.2 [H.2] states in part "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate a NCR..."

7. (c) Actual Condition
Container(s) are currently assigned to Waste Stream LA-MSG04.001. Waste appears to be greater than 50% Debris; therefore, the waste does not match the waste stream description or the waste matrix code.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Eric Lyles 11/29/11	ANTONIO D. CHAVARRIA 12/20/2011

9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☒ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR)	11. Recurring Condition?
☐ YES ☒ NO	☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Veronica Waldram

BEST AVAILABLE
CG 1/25/12

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No.NCR-LANL-3967-11 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ ReInspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: 1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005. 2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR. 3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.	
INTERIM DISPOSITION APPROVALS	
15. Responsible Manager/Individual (Print, sign, and date) Veronica Waldram Veronica Waldram 12/20/11	16. CCP QA Engineer or Designee (Print, sign and date) Laura R. Jones Laura R. Jones 12/20/2011
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer (Print, sign and date)	

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Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No.NCR-LANL-3967-11 Revision 0	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, N/A for Reject, Scrap, or Rework dispositions.)	
(b) Disposition Instructions (Required for Reject and Scrap, N/A for Use-As-Is, Rework, and Repair)	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for Repair and Rework, N/A for Use-As-Is, Reject and Scrap)	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required, N/A if left blank.	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-11-0003
Examination Date:	11/29/11
Waste Container ID:	89794
Video/Audio Recorded Media Number:	LA-HERTR-11-0003 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-3967-11 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	SWB
TRUCON Code:	SQ211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt: 506.0 kg. Tare Wt: 290.0 kg. Net Wt: 216.0 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	85 %

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09/25/12

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 89794

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal pipes, metal banding, electrical equipment
Light bulbs
Coveralls, wood
Plastic bags, plastic cap

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	290.0
Plastics (PP):	0.0
Others:	0.0
Total Packaging Weight:	290.0
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	192.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	15.0
Rubber (R):	
Plastics (waste materials) (XPM):	8.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	216.0

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Controlled Copy

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 89794

Section [illegible] RTR Summary [illegible] answered [illegible] YES will be explained in [illegible] comments [illegible]	Yes	No
Is there observable liquid?	☐	☒
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there an indication of PCBs liquids?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒	☐
CH or RH TRAMPAC [illegible]		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers GREATER than 4 liters?	☐	☒
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☒

Comments: NCR-LANL-3967-11 : Does not match waste stream description or waste matrix code. waste on AK's assigned S4200. waste apears to be S5400. EL 1/4/12

RTR Operator:

Eric Lyles	[signature]	11/29/11
Print Name	Signature [signature]	Date 1/4/12

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CD 4/28/12

PLEASE READ INSTRUCTIONS ON BACK CAREFULLY

H-7 Waste Management
Ext 6095 MS-592

1/28 ✓

LASL RADIOACTIVE SOLID WASTE DISPOSAL RECORD FORM

RD-22

1. FORM NUMBER	2. DATE (M M D D Y Y)	3. RETRIEVABLE SERIAL NO.	4. ORIGIN OF WASTE: GROUP	TA	BLDG.	RMNO	ROOM	5. WASTE CODE
8 8 3285	04 28 80	003522	CMB-11	21	2		213	A9.0

6. WASTE DESCRIPTION: Soil, Insulation and pipe from 213 Tunnel

7. NUMBERS OF WASTE PACKAGES

PLASTIC BAGS	CARDBOARD BOXES	DRUMS NO.	DRUMS GAL.	WOODEN CRATES NO.	WOODEN CRATES VOLUME · ft³
				1	560

8. GROSS VOLUME: 560 F (M = METER³, F = FEET³, G = GALLON)

9. PACKAGE RADIATION AT:

SURFACE MR/HR	1 METER MR/HR

10. GROSS WEIGHT: 098 T (K = KILOGRAM, P = POUND, T = TON)

11. ADDITIONAL DESCRIPTION OF PACKAGING AND PACKAGING MATERIALS:

12. RADIONUCLIDE CONTENT

NUCLIDE	AMOUNT	±	UNITS (C = CURIE, M = GRAM)	ERROR ON AMOUNT	±	AMOUNT DETERMINED BY: (A = ANALYSIS, M = MEASUREMENT, E = ESTIMATE)	SS MATERIALS WRITEOFF: ACCOUNT	PROJECT CODE
Pu-239	199.6	E	+1 M		E	M		
		E			E			
		E			E			
		E			E			

CMB-11
WASTE GENERATOR
Signature certifies that waste is in accordance with all applicable disposal requirements.

C Blackwell
H-1 AREA REPRESENTATIVE
Signature certifies that waste package or shipment is safe to handle and transport.

GROUP LEADER (AS NECESSARY)

13. DATE DISPOSED (M M D D Y Y)	14. DISPOSAL/STORAGE LOCATION: AREA	SHAFT	PIT	POST(S)	LAYER	15. SHAFT SURFACE DOSE MR/HR
04 27 81	G		PIT 9			

10-79

H-7 WASTE MANAGEMENT REPRESENTATIVE [redacted]

BEST AVAILABLE
CD 4/28/12

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR005
Waste Stream Number(s): LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a] *: Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001*	
Source Document Reference Information (author(s), document and revision number, date, publisher): Michael J. Papp, NA, Rev. NA, 06/17/2014, P2010-2722	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, PR7, WS2, WS3, WS8, WS9, WS12, S4	Throughout	The CCP Acceptable Knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AKLANL-010, was created to characterize heterogeneous debris, cemented waste, and contaminated soil waste stream LA-MSG04.001. The materials and chemicals used in past operations at the DP West Facility are the same as certain materials and chemicals used at the TA-55 Plutonium Facility. The number of AK source documents relating to the DP West Facility and the level of detail in these documents is also less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the TA-21 AK Summary Report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in TA-55 including associated chemical and material inputs. This soil waste could be contaminated with any of the materials and chemicals from the processes described in the TA-21 AK Summary Report. Therefore, this waste stream contains the same or similar hazardous constituents identified for waste stream LA-MHD04.001 and will carry all the same Environmental Protection Agency (EPA) Hazardous Waste Numbers (HWNs). The TA-55 AK Summary Report assigns EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, and F005. The TA-21 report assigns the aforementioned EPA HWNs to soil waste stream LA-MSG04.001 except for D018, D019, D021, D035, D038, D039, and D040, which is inconsistent with the TA-55 report and historical LANL characterization (Reference CCP-AK-LANL-006, D059, and D060). Resolution: Although the assignment of both listed and associated toxicity characteristic HWNs in TA-55 AK Summary Report and historical LANL characterization is not required and is inconsistent with the characterization of TA-21 waste, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 AK Summary Report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore the HWNs associated with TA-55 waste will not be updated.

NTPC RECORDS ORIGINAL
DATE REC'D 7-1-14

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR005

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 6-19-14
Print /Sign

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist.
c For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution P2010-2722

Waste Stream Number(s): LA-MSG04.001

Waste Stream Description: Mixed Contaminated Soil from TA-21 DP West

AK Documentation Type: [X] TRU Waste Management Program Information [X] Waste Stream Specific Information [X] Supplemental Information							
AK Source Document Discrepancy Form Tracking Number: DR005 – Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001							
Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
D059	Unpub.	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)	TWCP 23596; AK-00-23, Rev. 0	C. Smith	07/08/2004	N/A	All
D060	Pub.	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	AK-00-019	C. Smith	09/22/2003	N/A	All
DR001	Disc.	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Steam LA-MHD04.001	N/A	CCP	04/04/2007	N/A	All
N/A	Pub.	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-21 DP West Facility	CCP-AK-LANL-010, Rev. 4	CCP	Draft	N/A	Sections 5.4.3, 6.4.1 & 6.4.3
N/A	Pub.	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-55 Mixed Transuranic Waste	CCP-AK-LANL-006, Rev. 9	CCP.	01/27/2009	N/A	Section 5.4.3
N/A	Pub.	CCP Acceptable Knowledge Documentation	CCP-TP-005/ Rev. 18	CCP	11/16/2006	N/A	Section 4.4.14
N/A	Pub.	McCoy's RCRA Unraveled	N/A	McCoy and Associates, Inc.	2004 Edition	N/A	Pg. 463

Nature of Discrepancy:

The CCP Acceptable Knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AK-LANL-010, was created to characterize heterogeneous debris and new contaminated soil waste stream LA-MSG04.001. The materials and chemicals used in past operations at the DP West Facility are the same as certain materials and chemicals used at the TA-55 Plutonium Facility. The number of AK source documents relating to the DP West Facility and the level of detail in these documents is also less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the TA-21 AK Summary Report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in TA-55 including associated chemical and material inputs. This soil waste could be contaminated with any of the materials and chemicals from the processes described in the TA-21 AK Summary Report (Reference Section 6.4.1). Therefore, this waste stream contains the same or similar hazardous constituents identified for waste stream LA-MHD04.001 and will carry all the same Environmental Protection Agency (EPA) Hazardous Waste Numbers (HWNs).

The TA-55 AK Summary Report assigns EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, and F005. The TA-21 report assigns the aforementioned EPA HWNs to soil waste stream LA-MSG04.001 except for D018, D019, D021, D035, D038, D039, and D040, which is inconsistent with the TA-55 report and historical LANL characterization (Reference CCP-AK-LANL-006, D059, and D060).

Resolution:

In accordance to CCP Acceptable Knowledge Documentation, CCP-TP-005, a review of available AK was completed to determine the Resource Conservation and Recovery Act (RCRA) characterization and the assignment of EPA HWNs if applicable. To assign EPA HWNs, AK source documents including procedures, personnel interviews, reports, container packaging, shipping documentation, material safety data sheets (MSDS), and manufacturer information for commercial products are reviewed to determine potential waste material inputs and possible chemical contaminants associated with the waste. EPA HWNs are often conservatively assigned for compounds used due to the lack of analytical evidence or inconsistent process knowledge that these constituents are not present in the waste or exceed the regulatory thresholds.

Section 4.4.14 of CCP-TP-005 provides specific instruction on the review of AK to determine if toxicity characteristic EPA HWNs are to be assigned. The appropriate toxicity characteristic HWN is assigned if characteristic contamination is identified and has **NOT** been assigned a more specific listed HWN or data is available that demonstrates the concentration in the waste is less than the regulatory threshold. In addition, McCoy's RCRA Unraveled indicates that if the treatment standard for the listed waste specifically addresses the characteristic exhibited by the waste, only the listed HWN applies. Since the waste characterized in the TA-21 AK Summary Report includes the assignment of HWNs F001, F002, and F005, the following toxicity characteristics are specifically addressed by these listed HWNs and they are not assigned: D018 (benzene), D019 (carbon tetrachloride), D021 (chlorobenzene), D035 (methyl ethyl ketone), D038 (pyridine), D039 (tetrachloroethylene), and D040 (trichloroethylene).

Although the assignment of both listed and associated toxicity characteristic HWNs in TA-55 AK Summary Report is inconsistent with the characterization of TA-21 waste and is not required, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore, the HWNs associated with TA-55 waste will not be updated.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp (Print) MJPapp (Sign) Date: 11/02/2009

Site Project Manager: S M Peterman (Print) (Sign) Date: 11/03/09

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	575-234-7523	Date Sent:	11/19/09

Document Number	Title/Description	Record Date	Total Pages
DR005	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	11/12/2009	2
N/A	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001	11/3/2009	3

Comments
None

Acceptance/Rejection Signature and Date

Records Accepted	☑	Sonia Gonzalez (Signature)	SONIA GONZALEZ (Printed Name)	12/07/09 (Date)
Records Rejected	☐	(Signature)	(Printed Name)	(Date)

Reason for Rejection:

Re-submittal:

(Signature)	(Printed Name)	(Date)

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	0746
DESTINATION TEL #	92347138
DESTINATION ID	CHEZIE TODD
ST. TIME	01/13 09:50
TIME USE	00'17
PAGES SENT	1
RESULT	OK

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
Telephone Number:	575-234-7523	Telephone Number:	505-302-8689
		Date Sent:	11/19/09

Document Number	Description	Receipt Date	Total Pages
DR005	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	11/12/2009	2
NA	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001	11/3/2009	3

Comments:
None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 12/07/09 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR004
Waste Stream Number(s): LA-MHD04.001, LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Acceptable Knowledge Source Document Discrepancy Resolution for LA-MHD04.001 regarding Removal of Drum Greater Than 50% Solids	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 04/29/2009, LA-UR-09-03191	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, WS1, WS3, WS9, S9	Throughout	Based on the AK collected for CCP-AK-LANL-01 0, TA-21 , Waste Stream LA-MHD04.001, this waste stream is comprised of mixed heterogeneous combustible and non-combustible debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any container may include nearly any percentage of the waste material parameters listed in the report, except that no individual container will contain greater than 50 percent homogeneous solids. RTR identified one (1) container, Drum No. 56537 (NCR-LANL0703-08, RO), that contains greater than 50 percent homogeneous solids (the CCP Radiography Data Sheet for Drum No. 56537 is attached). Because the waste observed by RTR in this container does not match the waste stream description, an NCR was written in accordance with CCP-TP-053, Section 4.4.3.[1.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure]. LANL's TA-54 database originally identified Drum No. 56537 as containing debris from decontamination and decommissioning activities. The container was also assigned waste content code 005 (Noncombustible scrap). However, the TRU Waste Storage Record (TWSR) form for Drum No. 56537 (attached) indicates that it contains "borehole cuttings, cement, and returned sample material (crushed tuff) in 6-mil bags..." Since this container does not contain more than 50 percent heterogeneous debris, it will be removed from Waste Stream LA-MHD04.001. This container will be reassigned to the appropriate homogeneous waste stream once the AK has been developed. The removal of this container from Waste Stream LA-MHD04.001 does not affect the physical, chemical, or radiological characterization documented in CCP-AK-LANL-010.

CCP RECORDS ORIGINAL
DATE REC'D 1-3-12

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR004
Source Document Data Limitations (if any): 1. None.	
Acceptable Knowlege Expert: Amy Johns Amy Johns Date: 12/2/11 Print /Sign	

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

DIVIDER PAGE ONLY

Not part of page count

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

LA-UR-09-03191

Waste Stream Number(s): LA-MHD04.001

Waste Stream Description: TA-21 Heterogeneous Debris

AK Documentation Type: **X** TRU Waste Management Program Information **X** Waste Stream Specific Information **X** Supplemental Information

AK Source Document Discrepancy Form Tracking Number: **AK10-DR004: Removal of Drum > 50% Solids (NCR-LANL-0703-08, R0)**

Tracking #	Category[a]	Title	Document/ Rev#	Author	Date	Publisher	Page #
--	Pub.	AK Summary Report for LANL TA-21 DP West Facility, Waste Stream: LA-MHD04.001	CCP-AK-LANL-10, Rev. 3	D. Ploetz	2/25/2009	CCP	All
	Unpub.	RTR Data Form for Drum No. 56537	CCP-TP-053, Rev. 6	P. Lucchini	6/3/2008	CCP	All
	Unpub.	NCR	NCR-LANL-0703-08, R0;	J. Uher	6/4/2008	CCP	All

Nature of Discrepancy:

Based on the AK collected for CCP-AK-LANL-010, TA-21, Waste Stream LA-MHD04.001, this waste stream is comprised of mixed heterogeneous combustible and non-combustible debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any container may include nearly any percentage of the waste material parameters listed in the report, except that no individual container will contain greater than 50 percent homogeneous solids. RTR identified one (1) container, Drum No. 56537 (NCR-LANL-0703-08, R0), that contains greater than 50 percent homogeneous solids (the CCP Radiography Data Sheet for Drum No. 56537 is attached). Because the waste observed by RTR in this container does not match the waste stream description, an NCR was written in accordance with CCP-TP-053, Section 4.4.3.[I.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure].

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD04.001

Waste Stream Description: TA-21 Heterogeneous Debris

AK Documentation Type: ☐ TRU Waste Management Program Information ☐ Waste Stream Specific Information ☐ Supplemental Information

AK Source Document Discrepancy Form Tracking Number: **AK10-DR004**: Removal of Drum > 50% Solids (NCR-LANL-0703-08, R0)

Tracking #	Category[a]	Title	Document/ Rev#	Author	Date	Publisher	Page #
---	Pub.	AK Summary Report for LANL TA-21 DP West Facility, Waste Stream: LA-MHD04.001	CCP-AK-LANL-10, Rev. 3	D. Ploetz	2/25/2009	CCP	All
	Unpub.	RTR Data Form for Drum No. 56537	CCP-TP-053, Rev. 6	P. Lucchini	6/3/2008	CCP	All
	Unpub.	NCR	NCR-LANL-0703-08, R0;	J. Uher	6/4/2008	CCP	All

Nature of Discrepancy:

Based on the AK collected for CCP-AK-LANL-010, TA-21, Waste Stream LA-MHD04.001, this waste stream is comprised of mixed heterogeneous combustible and non-combustible debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any container may include nearly any percentage of the waste material parameters listed in the report, except that no individual container will contain greater than 50 percent homogeneous solids. RTR identified one (1) container, Drum No. 56537 (NCR-LANL-0703-08, R0), that contains greater than 50 percent homogeneous solids (the CCP Radiography Data Sheet for Drum No. 56537 is attached). Because the waste observed by RTR in this container does not match the waste stream description, an NCR was written in accordance with CCP-TP-053, Section 4.4.3.[l.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure].

Resolution:

LANL's TA-54 database originally identified Drum No. 56537 as containing debris from decontamination and decommissioning activities. The container was also assigned waste content code 005 (Noncombustible scrap). However, the TRU Waste Storage Record (TWSR) form for Drum No. 56537 (attached) indicates that it contains "borehole cuttings, cement, and returned sample material (crushed tuff) in 6-mil bags...." Since this container does not contain more than 50 percent heterogeneous debris, it will be removed from Waste Stream LA-MHD04.001. This container will be reassigned to the appropriate homogeneous waste stream once the AK has been developed.

The removal of this container from Waste Stream LA-MHD04.001 does not affect the physical, chemical, or radiological characterization documented in CCP-AK-LANL-010.

Discrepancy Resolved: X Yes __No

Acceptable Knowledge Expert: Randy Fitzgerald / _____ Date: 4/29/2009
Print Signature

Site Project Manager: Sue Peterman / _____ Date: 4/29/2009
Print Signature

Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 10 - Acceptable Knowledge Re-evaluation Checklist

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MHD04.001
Waste Stream Description: TA-21 Heterogeneous Debris
NCR numbers(s) if applicable: NCR-LANL-0703-08, R0

Inconsistency between waste characterization and acceptable knowledge information (describe):

Based on the AK collected for CCP-AK-LANL-010, TA-21, Waste Stream LA-MHD04.001, this waste stream is comprised of mixed heterogeneous combustible and non-combustible debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any container may include nearly any percentage of the waste material parameters listed in the report, except that no individual container will contain greater than 50 percent homogeneous solids. RTR identified one (1) container, Drum No. 56537 (NCR-LANL-0703-08, R0), that contains greater than 50 percent homogeneous solids (the CCP Radiography Data Sheet for Drum No. 56537 is attached). Because the waste observed by RTR in this container does not match the waste stream description, an NCR was written in accordance with CCP-TP-053, Section 4.4.3.[I.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure].

LANL's TA-54 database originally identified Drum No. 56537 as *containing debris from decontamination and decommissioning activities*. The container was also assigned waste content code 005 (Noncombustible scrap). However, the TRU Waste Storage Record (TWSR) form for Drum No. 56537 (attached) indicates that it contains "borehole cuttings, cement, and returned sample material (crushed tuff) in 6-mil bags...." Since this container does not contain more than 50 percent heterogeneous debris, it will be removed from Waste Stream LA-MHD04.001. This container will be reassigned to the appropriate homogeneous waste stream once the AK has been developed.

The removal of this container from Waste Stream LA-MHD04.001 does not affect the physical, chemical, or radiological characterization documented in CCP-AK-LANL-010.

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Requirements	Completed? Yes/No	Supporting Documentation [a]
Review existing information based on the container identification number and document all differences in EPA hazardous waste number assignments. [c]	N/A	TWSR for container 56537 and AK10 Discrepancy Report DR004 Drum not re-assigned to another waste stream at this time.
If differences exist in the EPA hazardous waste numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	N/A	AK10 Discrepancy Report DR004. Drum not re-assigned to another waste stream at this time.
Reassess and document all sampling and analytical data associated with the waste. [c]	Yes	RTR Data Sheet for Drum No. 56537 and AK10 Discrepancy Report DR004. Drum not re-assigned to another waste stream at this time.
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	N/A	AK10 Discrepancy Report DR004. Drum not re-assigned to another waste stream at this time.
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and confirmation information associated with the new information. [c]	N/A	Not an NDA related discrepancy.
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	AK10 Discrepancy Report DR004 and Revised Attachment 8
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA hazardous waste numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	Yes	NCR: NCR-LANL-00703-08, R0; and AK10 Discrepancy Report DR004.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. Ensure that if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

Randy Fitzgerald _____ Date: 04/29/2009
Print Sign

Site Project Manager:

Sue Peterman _____ Date: 04/29/2009
Print Sign

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0703 - 08 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-08-0080
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #:	Container #(s): 56537
	6. Supplier:	

DESCRIPTION OF NONCONFORMANCE

7. (a) CCP HOLD TAGS SHALL BE APPLIED UNLESS JUSTIFIED AS FOLLOWS:

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ Receiving Inspection ☐ Transportation ☐ WWIS ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Revision, Section & Text)

CCP-TP-053, Revision 6:
4.4.3 [I.2] IF the waste form DOES NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate an NCR in accordance with CCP-QP-005, AND record NCR number in Section 1 of Attachment 2."

(c). Actual Condition

This drum is assigned to the LA-MHD04.001 wastestream (Heterogeneous debris waste) and is assigned a Waste Matrix Code of S5400. RTR examination of this drum revealed the waste is >50% solidified material waste by volume. This does not match the waste stream description and the assigned waste matrix code.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Jennifer Uher 6-4-08	Mark Weaver Mark Weaver 6-4-08

9a. Does this NCR have the potential to impact AK? ☑ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Margaret Martinez

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0703 - 08 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☐ N/A (See final Disposition) ☑ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort ☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

1. Responsible Manager send this NCR to the AK Expert for re-evaluation in accordance with CCP-TP-005.

2. AK Expert perform the AK re-evaluation and include a copy of documented results as an attachment to this NCR.

3. Determine Final Disposition (block 19) based on these results.

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual (Print, sign, and date)	16. CCP QA Engineer or Designee (Print, sign and date)
Margie Martinez 6-4-08	Mark Weaver Mark Weaver 6-4-08
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0703 - 08	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, N/A for Reject, Scrap, or Rework dispositions.)	
(b) Disposition Instructions (Required for Reject and Scrap, N/A for Use-As-Is, Rework, and Repair)	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for Repair and Rework, N/A for Use-As-Is, Reject and Scrap)	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required.	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 2 – CCP Radiography Data Sheet

☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-08-0080
Examination Date:	06/03/08
Waste Container ID:	56537
Video/Audio Recorded Media Number:	LA-RTR2-08-0080 A
Procedure and Revision No.:	CCP-TP-053 Rev. 6
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0703-08 NCR No.: NCR-LANL-0704-08

Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD04.001
Waste Container Weights:	Gross Wt: 152.2 kg. Tare Wt: 27.7 kg. Net Wt: 124.5 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	70 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 56537

Section
Glass jars
Plastic bags, horsetails, plastic containers
Solidified material (inorganic matrix) >50%
Impenetrable material

Packaging Materials	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	0.0
Total Packaging Weight:	27.7
Waste Material Parameter	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	10.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	4.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	110.0
Soils (S):	
Total WMP Weight:	124.5

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 56537

	Yes	No	N/A
Is there liquid in the container?	☐	☑	
Is there any liquid in the waste, including internal containers, that **DOES NOT** meet the criteria of residual (waste shall contain as little residual liquid as is reasonably achievable by *pouring, pumping and/or aspirating, and* internal containers shall contain less than 1 inch or 2.5 centimeters of liquid in the bottom of the container)?	☐	☐	☑
Is the total volume of liquid in the container **GREATER** than 1% of the container?	☐	☐	☑
Is there detectable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑	
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑	
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑	
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☑	☐	
Is there an indication of wastes containing explosives or compressed gases?	☐	☑	
Is there an indication of polychlorinated biphenyls (PCBs) not authorized under an EPA PCB waste disposal authorization?	☐	☑	
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑	
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑	☐	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste?	☐	☑	
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑	
Are there sealed containers GREATER than 4 liters?	☐	☑	
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑	

Comments:
NCR-LANL-0703-08: Does not match Waste Stream Description >50% solid

NCR-LANL-0704-08: This drum contains impenetrable material. The waste matrix code and waste stream description could not be verified. Waste material parameters and weight estimates are based on portions of the drum which could be examined.

RTR Operator:

Pete Lucchini		06/03/08
Print Name	Signature	Date

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Los Alamos NATIONAL LABORATORY

TRU WASTE STORAGE RECORD

LA00000056537

1. GENERATOR'S PRE-USE VISUAL INSPECTION

Purchase Order # N/A DGS 09/11/97

This container has been visually inspected according to approved procedures and has been found to be free of damage that would make it unsuitable for TRU waste packaging.

Signature: Greg Bayhurst

Inspected Items: ☒ Ring, Bolt, and Nut ☒ Chime ☒ Dents ☒ Lid and Gasket ☒ Gouges ☒ Paint

Printed Name: Greg BAYHURST Date: 1-30-97

2. GENERATOR'S PACKAGE INFORMATION

Group: EMER Technical Area: 21 Building: N/A Program Code: MA13 ☒ Off-Normal

Additional Information: Borehole cuttings, cement and retrieval sample material (crushed stuff) in 6-mil bags. All placed inside another 6-mil bag.

CONTAINER	LINER
☒ Steel Drum (55 gal.)	☒ None
☐ Steel Drum (85 gal.)	☐ 90 mil liner
☐ Standard Waste Box	☐ 125 mil liner
☐ RH Canister	INTERNAL SHIELDING
☐ Other (Call TWCO)	☒ None
☐ Overpack	Type: Thickness (in.):
Carbon Filter ID: 01 LADL 11912 1	Type: Thickness (in.): .E+
Carbon Filter ID: 02	Type: Thickness (in.): .E+

RADIONUCLIDE CONTENT

Nuclide	Amount	Uncertainty	C = Curie M = Gram
Am241	6.31E+03	.E+	C
Pu239	1.41E+02	.E+	C
Pu240	1.41E+02	.E+	C
Pu238	2.01E+04	.E+	C
Pu242	2.99E+05	.E+	C
Th234	1.71E+03	.E+	C
H3	7.61E+07	.E+	C
Cs137	1.01E+06	.E+	C
I129	1.2E+06	.E+	C
Sr90	6.7E+06	.E+	C
Pb210	1.71E+04	.E+	C

Waste Profile Number: 216216

PDP Program: ☐ Yes ☒ No Tracking No:

Process Batch Code:

Gross Weight (lb.): 14.10E+2

Net Weight (lb.): 13.50E+2

Shipping Category: N/A DGS only

LANL Waste Stream ID: N/A DGS only

TRUCON Code: N/A

Date Closed (MMDDYY): 05 08 97

NONRADIOACTIVE HAZARDOUS MATERIALS

Name	EPA Code	Quantity (g)
None		.E+
		.E+
		.E+

Accumulation Start Date:

The data in this section were collected, and the waste described herein was packaged and labeled according to approved procedures.

Printed Name: Greg BAYHURST Signature: Greg Bayhurst Date: 9-10-97

3. GENERATOR SITE HEALTH PHYSICS INFORMATION

Gamma Dose Rate (mrem/h) (contact)	2.01E+01	Survey Meter Model	RO-3C	Property Number	26833	Calibration Void Date	2-26-98	Survey Date	9-9-97
Neutron Dose Rate (mrem/h) (contact)	<5.01E+01	Survey Meter Model	PNR-4	Property Number	516-5210	Calibration Void Date	9-17-97	Survey Date	9-9-97
Total Dose Rate (mrem/h) (contact)	7.01E+01								
Total Dose Rate (mrem/h) @ 1 meter	2.01E+01								
Alpha Contamination (dpm/100cm²)	10.4E+1								
Beta-Gamma Cont. (dpm/100cm²)	0.5E+1								

The data in this section were collected according to approved procedures.

Printed Name: Greg Bayhurst Date: 9-10-97

Signature: Greg Bayhurst

4. TRU WASTE MANAGEMENT REVIEW/AUTHORIZATION

The data package for this waste has been reviewed by TRU Waste Management. The generator is authorized to arrange transportation to TA-54.	Printed Name Darrik G. Stafford	Date 09/11/97
	Signature Darrik G. Stafford	

5. PRELOAD VISUAL INSPECTION

This waste package was visually inspected prior to pickup according to approved procedures and was found to be free of obvious damage or defects.	Inspector's Stamp Number TRU 1 INSPECTOR GW	Date (*Inspection Valid for 30 Days*) 9-17-97

6. RECEIVING SITE HEALTH PHYSICS INFORMATION

Gamma Dose Rate (*mrem/h*)	0.2 E ± 0	Survey Meter Model ESP-1	Property Number 8021	Calibration Void Date 2-22-98
Neutron Dose Rate (*mrem/h*)	1.2 E ± 0	Survey Meter Model RO20	Property Number 3449	Calibration Void Date 1-23-98
Total Dose Rate (*mrem/h*)	1.4 E ± 0	*The data in this section were collected according to approved procedures.*		
Alpha Contamination (*dpm/100cm²*)	0.0 E + 0	Printed Name Macie Medina		Date 9-18-97
Beta-Gamma Cont. (*dpm/100cm²*)	0.0 E + 0	Signature Macie Medina		

7. STORAGE SITE INFORMATION

Received By (*Initials*) GW	Date Received 9-18-97	ORIGINAL STORAGE DATA		
This waste package was visually inspected and found to be properly labeled and in good condition. It was accepted and inspected according to approved procedures.		Building Number 283	Layer Holding Area	Row Number
		Column Number	Date Stacked (*MM.DD.YY*)	
Printed Name Gail M. Welsh	Date 9-18-97	Printed Name Rick Martinez		Date 10-6-97
Signature Gail M. Welsh		Signature Rick Martinez		

8. WASTE ACCEPTANCE OFFICE

NCR Number	Initials/Date	NCR Description
WE Number	**Initials/Date**	**WE Description**

9. DATA MANAGEMENT INFORMATION

	M M	D D	Y Y		
Date Entered In Database	11	06	97	Printed Name Charlotte Fernandez	Signature Charlotte Fernandez
Date Entry Verified	11	06	97	Printed Name Tammy Lash	Signature Tammy Lash

10. DUPLICATE COPY

	M M	D D	Y Y		
Date Duplicate Filed	11	13	97	Printed Name Charlotte Fernandez	Signature Charlotte Fernandez

TRU WASTE STORAGE RECORD
SUPPLEMENTAL RADIONUCLIDE CONTENT DATA
(Curies)

~~For~~ DGS

Analytical Results On file with Janet Newlin DGS ~~5-9194~~ 5-9194

DGS Per Derek Faulk 9/10/97

Ra-226	1.38E-06
U-233	5.18E-06
U-234	5.18E-06
U-238	1.36E-06
I-125	5.65E-06
Np-237	1.30E-05
Pu-244	1.75E-04

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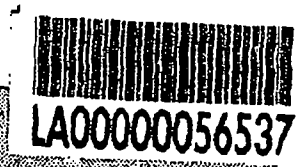

LOS ALAMOS NATIONAL LABORATORY
WASTE PROFILE SYSTEM
WPF #: 26286

10-Sep-1997 03:19 PM (Version: 1) p.1

Generator :	BAYHURST, GREGORY K	MS	E525	PH :	56558	Z# :	082766
WMC :	BAYHURST, GREGORY K.	MS	E525	PH :	70910	Z# :	082766
CSR :	WINCH, MARY JANE	MS	J595	PH :	75905	Z# :	114734
Status :	ACTIVE	Activation Date :	05-JUN-97		Expiration Date :		05-JUN-98
Group :	EMER	TA :	21	Bldg :	000000	Room :	N/A

You are required to keep a copy of the WPF(s) in your files for at least three years. This WPF(s) is valid for one year or as long as the composition of the waste you have characterized remains the same and the generator remains the same. Should your waste or generator change, please submit a new WPF to EM-SWO Customer Service, and attach a copy of the WPF which is being replaced.

RMMA : RADIOACTIVE MATERIALS MANAGEMENT AREA (RMMA)
Waste Accumu : N/A
Method of Char : KNOWLEDGE OF PROCESS (KOP)
ANALYSIS ATTACHED

Waste Type : PROCESS WASTE/SPENT CHEMICAL
Waste Classes: ONE TIME GENERATION
RADIOACTIVE
Assoc Docum: N/A

Waste Category: NOT APPLICABLE

Waste Sources : INVESTIGATION DERIVED

Waste Matrix : SOLID

Matrix Type : HOMOGENEOUS

Waste/Proc Desc : BOREHOLE CUTTINGS, CORE, AND RETURNED SAMPLES GENERATED DURING DRILLING AND SAMPLING RFI ACTIVITIES FOR THE LANL ER PROJECT. RFI CONDUCTED AT TA-21, MDA-T. ALL MATERIAL IS CHARACTERIZED BASED UPON LAB SAMPLE ANALYTICAL RESULTS. BASED ON HISTORICAL DOCUMENTS AND PERSONAL INTERVIEWS, THERE IS NO DOCUMENTED SOLVENT USE AT THIS SITE, OR PERSONS KNOWLEDGEABLE OF SOLVENT USE AT THIS SITE.

Ignitability : NOT IGNITABLE

Corrosivity : NOT AQUEOUS

Reactivity : NON REACTIVE

Boiling Point : NOT APPLICABLE

Toxicity Characteristic Metals :

Contaminant	LTR	Min	Max	Unit	Method
ARSENIC		0	6	PPM	TOTA
BARIUM		70	500	PPM	TOTA
CADMIUM		0	6	PPM	TOTA
CHROMIUM	Y				TCLP
LEAD		15	40	PPM	TOTA
MERCURY	Y				TCLP
SELENIUM	Y				TOTA
SILVER		0	10	PPM	TOTA

Toxicity Characteristic Organic Compounds:

Contaminant	LTR	Min	Max	Unit	Method

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PERCHLOROETHYLENE OR TETRACHLOROETHYLENE	Y	TOTA
TRICHLOROETHYLENE	Y	TOTA

Additional Chemical Constituents and Contaminants :

Constituent	CAS NO	MIN	MAX	UOM
BOREHOLE CUTIINGS, CORE, RETURNED SAMPLES		98	100	%
SAMPLE CONTAINERS (GLASS, JARS, PLASTIC JARS)		1	2	%
ACETONE		0	.13	PPM
METHYLENE CHLORIDE		0	.04	PPM
TOLUENE		0	.14	PPM
4-ISOPROPYLTOLUENE		0	.006	PPM
PHENANTHRENE		0	.047	PPM
DI-N-BUTYLPHTHALATE		0	.21	PPM
FLUORANTHENE		0	.085	PPM
PYRENE		0	.065	PPM
BENZO (A) ANTHRACENE		0	.04	PPM
CHRYSENE		0	.06	PPM
BIS (2-ETHYLHEXYL) PHTHALATE		0	.12	PPM
INDENO (1,2,3-CD) PYRENE		0	.05	PPM
BENZO (G,H,I) PERYLENE		0	.05	PPM

Radiological Characteristics :

Radionuclide	Min	Max	Unit
AM241	5.000E-12	2.100E-07	CIG
PU238	0.000E+00	3.800E-09	CIG
PU239	0.000E+00	2.850E-07	CIG
PU242	0.000E+00	4.000E-10	CIG
CS137	0.000E+00	2.100E-11	CIG
I129	0.000E+00	2.000E-11	CIG
SR90	0.000E+00	1.350E-10	CIG
CO57	0.000E+00	2.000E-12	CIG
H3	0.000E+00	3.000E-09	CIL
PB210	0.000E+00	5.200E-09	CIG
RA226	0.000E+00	3.000E-11	CIG
U232	0.000E+00	6.000E-12	CIG
U233	0.000E+00	1.000E-10	CIG
U235	0.000E+00	3.000E-12	CIG
U238	0.000E+00	5.500E-11	CIG
BA133	0.000E+00	1.000E-11	CIG
I125	0.000E+00	9.000E-11	CIG
NP237	0.000E+00	2.200E-10	CIG
PU244	0.000E+00	3.000E-09	CIG
TH234	0.000E+00	3.300E-08	CIG
SN113	0.000E+00	1.000E-12	CIG
CD109	0.000E+00	5.000E-12	CIG
PU240	0.000E+00	2.850E-07	CIG
U234	0.000E+00	1.000E-10	CIG

Rad Contamination Type : VOLUME CONTAMINATION

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Waste Water Contaminants : N/A

WASTE CHARACTERIZATION INFORMATION

Radioactivity Category : **Transuranic Waste**

RCRA Category : **Non-hazardous Waste**

Misc. Category : N/A

Waste Classification : **TRANSURANIC WASTE**

EPA Hazardous Waste Code : N/A

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS GSA 203 Carlsbad, New Mexico 88220

Telephone Number 505-234-7523

Fax Number 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	5/26/2009

Document Number	Title/Description	Record Date	Total Pages
DR004	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	5/26/2009	2
N/A	Acceptable Knowledge Source Document Discrepancy Resolution for LA-MHD04-001 regarding Removal of Drum Greater Than 50% Solids	4/29/2009	17

Comments
None

Acceptance/Rejection Signature and Date

Records Accepted ☑	Sonia Gonzalez (Signature)	SONIA GONZALEZ (Printed Name)	05-26-09 (Date)
Records Rejected ☐	(Signature)	(Printed Name)	(Date)

Reason for Rejection: N/A

Re-submittal:	(Signature)	(Printed Name)	(Date)

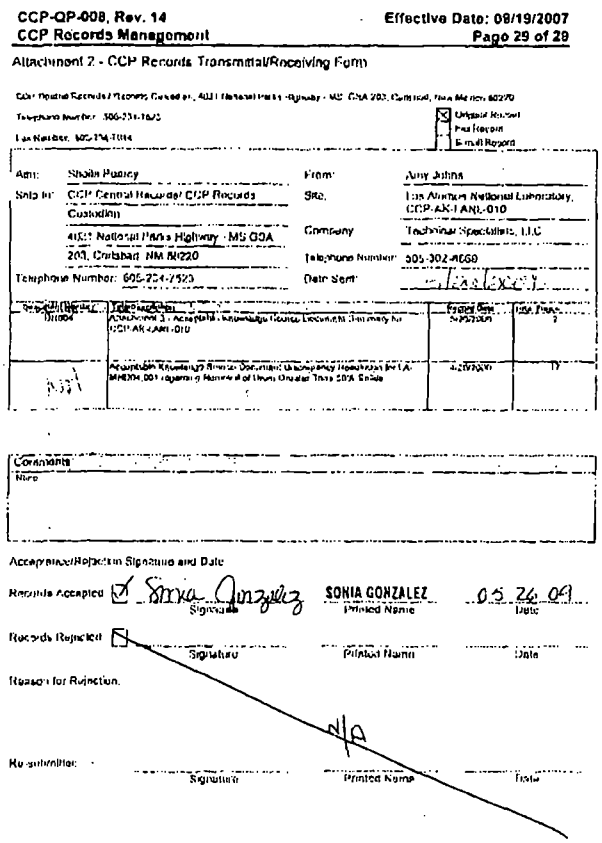
HP LaserJet *M2727nf MFP*

Fax Confirmation Report

HP LASERJET FAX

May-26-2009 4:18PM

Job	Date	Time	Type	Identification	Duration	Pages	Result
13424	5/26/2009	4:17:45PM	Send	96283238	0:30	1	OK



CCP-QP-008, Rev. 14 Effective Date: 09/19/2007
CCP Records Management Page 29 of 29

Attachment 2 - CCP Records Transmittal/Receiving Form

Attn: Sheila Pouncy
From: Amy Johns
Ship to: CCP Central Records/ CCP Records Custodian
Site: Los Alamos National Laboratory, CCP-AK-LANL-010
4501 National Parks Highway - MS 03A
Company: Technical Specialists, LLC
201, Carlsbad NM 88220
Telephone Number: 505-302-4669
Telephone Number: 505-234-7523
Date Sent: 5/26/09

Comments
None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez SONIA GONZALEZ 05 26 09
Signature Printed Name Date

Records Rejected ☐
Signature Printed Name Date

Reason for Rejection: N/A

Re-submittal:
Signature Printed Name Date

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
DR004	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	2
	N/A		

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 11/17/09 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

N/A

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	2160
DESTINATION TEL #	92347138
DESTINATION ID	CHEZIE TODD
ST. TIME	11/17 08:41
TIME USE	00'15
PAGES SENT	1
RESULT	OK

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS; GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
DR004	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/28/2009	2

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 11/17/09 (Date)

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR003
Waste Stream Number(s): LA-MHD04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Acceptable Knowledge Source Document Discrepancy Resolution – TA-21 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris	
Source Document Reference Information (author(s), document and revision number, date, publisher): Michael Papp, NA, Rev. NA, 1/12/2009	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, WS1, WS3, WS9, S16	Throughout	Nature of Discrepancy: The CCP acceptable knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AK-LANL-010, was created to characterize heterogeneous debris waste. However during a revision of this report, LANL identified homogeneous solids (e.g., cement paste) were evaluated and determined to contain greater than 50 percent by volume of heterogeneous debris. Resolution: LANL's waste management practice has been to handle and package all debris and homogeneous waste in a similar fashion. In addition, waste is packaged in combinations of operations of origin; that is, waste items from several different operations are frequently combined in a single container. As a result, debris waste containers often include small quantities of homogeneous solids (less than 50 percent by volume). Homogeneous waste containers are still generated in other LANL facilities, although infrequently. Characterization activities of TA-55 generated homogeneous solids have discovered that a substantial amount of the containers include more than 50 percent by volume of heterogeneous debris. To date, a LANL AK Expert estimates that approximately 265 out of 300 LANL identified homogeneous containers are comprised of greater than 50 percent by volume debris waste (see attached email). This is due in part to the packaging configuration associated with small quantities of homogeneous solids. Homogeneous solids are primarily generated from operations performed in gloveboxes. The waste material may be packaged into a plastic bag, a stainless steel dressing jar, a slip-top can, and/or an unsealed metal container before it is placed into a plastic bag-out bag. Waste with similar packaging configurations at the former Rocky Flats Environmental Technology Site was characterized as debris. For the purpose of determining transportation compliance, items less than 4 liters (i.e., the initial packaging containers) are not considered layers of confinement and could be considered as a part of the waste. Once removed from the glovebox the bagged out container(s) may also be put into a secondary stainless steel slip top container. Homogeneous solids can also include debris materials such as small pieces of plastic, metal, and precipitated metal fines. Consequently, acceptable knowledge and characterization activities consistently identify homogeneous solids as debris (References AK6-DR008, D059, and D060). The plutonium operations formerly conducted at DP West in the 1970s were the basis for operations at the TA-55 Plutonium facility. Many of the operations and

CCP RECORDS ORIGINAL
DATE REC'D 1-3-12

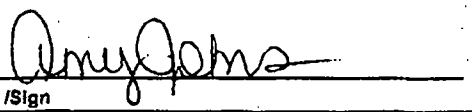
Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: DR003
AK # [b]	Source Doc. Page # [c]	AK Information Summary
		personnel were transferred from DP West during its closure to the TA-55 Plutonium facility. Therefore, certain wastes and waste packaging methods between the two facilities are similar (Reference D059). Based on this information, previously generated homogeneous solids such as cement paste have been assigned to waste stream LAMHD04.001 (reference containers S772629, S845083, and S852168 documented in M011). It is expected that characterization activities of these wastes, like the homogeneous waste generated by TA-55, will confirm they consist primarily of heterogeneous debris. It is possible that some number of these containers will fail real-time radiography (RTR) or visual examination for containing greater than 50 percent homogeneous solid waste. These containers will be segregated from the debris waste stream and assigned to the appropriate homogeneous waste stream.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns  Date: 12/2/11

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

P2010-2478

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD04.001

Waste Stream Description: TA-21 Mixed Heterogeneous Combustible and Non-Combustible Debris

AK Documentation Type: [X] TRU Waste Management Program Information [X] Waste Stream Specific Information [X] Supplemental Information							
AK Source Document Discrepancy Form Tracking Number: DR003 – TA-21 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris							
Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
D059	Unpub.	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)	P2010-0608; TWCP 23596; AK-00-23	LANL	07/08/2004	N/A	Pages 13 of 79 and 14 of 79
D060	Pub.	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	AK-00-019	LANL	09/22/2003	N/A	Pages 30 thru 33 of 87 and Att. 3
M011	Unpub.	Radioactive Solid Waste Disposal (RSWD) Records for LA-MHD04.001	N/A	N/A	Various	N/A	All
AK6-DR008	Disc.	Acceptable Knowledge Source Document Discrepancy Resolution – TA-55 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris	N/A	Michael Papp	11/30/2007	N/A	All
N/A	Pub.	CCP Acceptable Knowledge Summary Report for Los Alamos National Laboratory TA-55 Mixed Transuranic Waste	CCP-AK-INL-006, Rev. 8	CCP	03/12/2008	N/A	Section 4.3.7
N/A	Unpub.	Email from Randy Fitzgerald Regarding Characterization Activities	N/A	Randy Fitzgerald	09/17/2008	N/A	All

Nature of Discrepancy:

The CCP acceptable knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AK-LANL-010, was created to characterize heterogeneous debris waste. However during a revision of this report, LANL identified homogeneous solids (e.g., cement paste) were evaluated and determined to contain greater than 50 percent by volume of heterogeneous debris.

Resolution:

LANL's waste management practice has been to handle and package all debris and homogeneous waste in a similar fashion. In addition, waste is packaged in combinations of operations of origin; that is, waste items from several different operations are frequently combined in a single container. As a result, debris waste containers often include small quantities of homogeneous solids (less than 50 percent by volume). Homogeneous waste containers are still generated in other LANL facilities, although infrequently. Characterization activities of TA-55 generated homogeneous solids have discovered that a substantial amount of the containers include more than 50 percent by volume of heterogeneous debris. To date, a LANL AK Expert estimates that approximately 265 out of 300 LANL identified homogeneous containers are comprised of greater than 50 percent by volume debris waste (see attached email). This is due in part to the packaging configuration associated with small quantities of homogeneous solids. Homogeneous solids are primarily generated from operations performed in gloveboxes. The waste material may be packaged into a plastic bag, a stainless steel dressing jar, a slip-top can, and/or an unsealed metal container before it is placed into a plastic bag-out bag. Waste with similar packaging configurations at the former Rocky Flats Environmental Technology Site was characterized as debris. For the purpose of determining transportation compliance, items less than 4 liters (i.e., the initial packaging containers) are not considered layers of confinement and could be considered as a part of the waste. Once removed from the glovebox the bagged out container(s) may also be put into a secondary stainless steel slip top container. Homogeneous solids can also include debris materials such as small pieces of plastic, metal, and precipitated metal fines. Consequently, acceptable knowledge and characterization activities consistently identify homogeneous solids as debris (References AK6-DR008, D059, and D060).

The plutonium operations formerly conducted at DP West in the 1970s were the basis for operations at the TA-55 Plutonium facility. Many of the operations and personnel were transferred from DP West during its closure to the TA-55 Plutonium facility. Therefore, certain wastes and waste packaging methods between the two facilities are similar (Reference D059).

Based on this information, previously generated homogeneous solids such as cement paste have been assigned to waste stream LA-MHD04.001 (reference containers S772629, S845063, and S852168 documented in M011). It is expected that characterization activities of these wastes, like the homogeneous waste generated by TA-55, will confirm they consist primarily of heterogeneous debris. It is possible that some number of these containers will fail real-time radiography (RTR) or visual examination for containing greater than 50 percent homogeneous solid waste. These containers will be segregated from the debris waste stream and assigned to the appropriate homogeneous waste stream.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp (Print) / (Sign) Date: 1/8/2009

Site Project Manager: S.M. Peterman (Print) / (Sign) Date: 1/12/09

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

From: James R Fitzgerald [mailto:randy_fitz@lanl.gov]
Sent: Wednesday, September 17, 2008 3:27 PM
To: MJ Papp; jim.schoen@msn.com
Cc: jrfesq2@aol.com; randy_fitz@lanl.gov
Subject: RE: Percentage of Homogeneous Containers Staying Debris

Mike...bill m is out of town and he didn't respond to my email....an estimate would be 10% -- 35 containers out of 300 ran through RTR....

Jim has the TWSRs for all 35 drums and the P2010 nos for these TWSRs...did we also need the actual BDR?

At 02:59 PM 9/17/2008, MJ Papp wrote:

Hi Randy,

So have we heard anything on the percentage of homogeneous drums that have remained debris? In addition, any luck obtaining the 30+ salt drums BDRs?
Please let me know. Thank you!

Mike

From: Mike Papp [mailto:mj_papp@msn.com]
Sent: Thursday, September 04, 2008 2:32 PM
To: 'James R Fitzgerald'; 'Jim Schoen'
Subject: Percentage of Homogeneous Containers Staying Debris

Randy/Jim,

Can someone tell me what the current percentage of LANL identified homogeneous containers that remained debris in LA-MHD01.001? I would like to identify the percentage in the TA-48 discrepancy report. If the info is available please let me know. Thanks.

Michael J. Papp
Work: 720-872-8184
Cell: 303-994-6067
Fax: 720-872-8184

Randy Fitzgerald, CCP AKE
WDP - TWPS (TRU WASTE PROJECT SUPPORT)
TA-54-533, Room 1017
505-667-3074 office
505-231-7582 cell
505-665-9509 fax

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks HIghway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	1/13/2009

DR003	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	1/13/2009	2
NA	Acceptable Knowledge Source Document Discrepancy Resolution – TA-21 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris	1/12/2009	4

Comments

None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Signature: Sonia Gonzalez — Printed Name: SONIA GONZALEZ — Date: 01-16-09

Records Rejected ☐ Signature: _____ — Printed Name: _____ — Date: _____

Reason for Rejection: N/A

Re-submittal: Signature: _____ — Printed Name: _____ — Date: _____

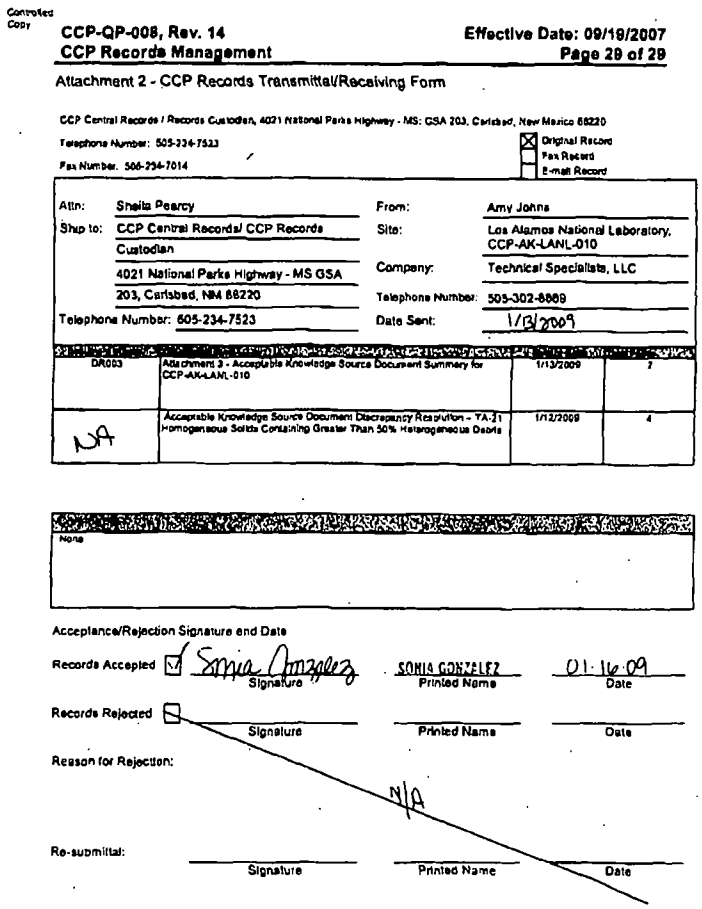
HP LaserJet *M2727nf MFP*

Fax Confirmation Report

HP LASERJET FAX

Jan-16-2009 7:44AM

Job	Date	Time	Type	Identification	Duration	Pages	Result
1887	1/16/2009	7:44:07AM	Send	96283238	0:25	1	OK



Controlled Copy

CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**
CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
Telephone Number:	505-234-7523	Telephone Number:	505-302-8869
		Date Sent:	1/13/2009

DR003	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	1/13/2009	7
NA	Acceptable Knowledge Source Document Discrepancy Resolution - TA-21 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris	1/12/2009	4

Notes

Acceptance/Rejection Signature and Date

Records Accepted ☑ Signature: Sonia Gonzalez Printed Name: SONIA GONZALEZ Date: 01.16.09

Records Rejected ☐ Signature _____ Printed Name _____ Date _____

Reason for Rejection: N/A

Re-submittal: Signature _____ Printed Name _____ Date _____

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR002

Waste Stream Number(s): LA-MHD04.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☑ *Additional Information*	☐ M - Miscellaneous
	☐ P - Procedures
	☑ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Discrepancy Resolution Form for Waste Stream Volume Evaluation - TA-21 Mixed Heterogeneous Combustible and Non-Combustible Debris

Source Document Reference Information (author(s), document and revision number, date, publisher): MJ Papp, DR002, NA, 6/26/07

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, PR7, WS2, WS3, WS4, S13	All	Limited number of containers identified for the AK10 inventory are above grade.

Source Document Data Limitations (if any):

1. Not all containers identified in inventory may be shippable.

Acceptable Knowlege Expert:

Amy Johns , Amy Johns Date: 8/20/2014

Print /Sign

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

NTPC RECORDS ORIGINAL
DATE REC'D 8-20-14

DIVIDER PAGE ONLY

Not part of page count

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD04.001

Waste Stream Description: TA-21 Mixed Heterogeneous Combustible and Non-Combustible Debris

AK Documentation Type: [X] TRU Waste Management Program Information [X] Waste Stream Specific Information [X] Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR002 – Waste Stream Volume Evaluation

Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
M002	Unpub.	An Excerpt from Archive Generator's Databases 95drum	TWCP-06988	LANL	10/25/2001	N/A	All
M008	Unpub.	Excerpt from CONCERT Database	N/A	LANL	1/4/2005	N/A	All
N/A	Unpub.	Email and Spreadsheet from Steve Schafer to Randy Fitzgerald	N/A	Steve Schafer	5/1/2007	N/A	All
N/A	Unpub.	CCP Acceptable Knowledge Documentation/Attachment 8 – Waste Containers List (Waste Stream LA-MHD04.001)	CCP-TP-005/ Rev. 18	CCP	11/16/2006	N/A	All

Nature of Discrepancy:

The CCP AK Summary Report for TA-21 Mixed Heterogeneous Combustible and Non-Combustible Debris, CCP-AK-LANL-010, was created to characterize TRU waste generated from the DP West facility. The wastes resulting from past operations at the DP West facility were typically stored in below-grade retrievable storage. Therefore, only a portion of the containers of TRU generated by DP West may be available to be shipped to WIPP until the retrieval of stored below-grade containers begins.

Resolution:

In accordance to CCP Acceptable Knowledge Documentation, CCP-TP-005, a list of containers to be included in this waste stream is documented in Attachment 8 or equivalent spreadsheet. The list of containers for waste stream LA-MHD04.001 has identified a total of 2,381 containers of TRU debris waste. However, a further evaluation performed by Steve Schafer (see attached) has determined that only a small percentage is present in above-grade storage. The majority (approximately 98.5 percent) of the DP West debris inventory is presently in below-grade retrievable storage at TA-54, Area G. Of the 2,381 debris containers, only 34 are currently stored in the above-grade domes at Area G and no future additional waste stream volume is projected. Therefore, the current list of containers and the approximate waste stream volume projections are based on the best information available and only 34 containers are currently available for characterization activities. In addition, the eventual number of 55-gallon drum equivalents generated will be dependent on the radiological characteristics of the waste containers, the possible addition of Decontamination and Decommissioning waste containers, and the condition of the retrievably stored below-grade containers.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp / _____ Date: 6/26/2007
Print Sign

Site Project Manager: Sulleterman / _____ Date: 3/20/08
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Mike Papp

From: Steve Schafer [steve.schafer@comcast.net]
Sent: Tuesday, May 01, 2007 9:50 AM
To: 'James R Fitzgerald'; mj_papp@msn.com; jim.Schoen@wastrenadvantage.com
Cc: peterman@lanl.gov
Subject: RE: [SPAM] List of 1,794 55-gal drums from AK10 TA-21
Attachments: AK10 55-Gal Drum List for Sue 5-1-07.xls

Randy and Sue,

Unfortunately, most of AK 10 debris waste stream is below grade. The attached spreadsheet shows all AK 10 containers that are above grade. Above grade is 34 containers total (5 of which are HAD drums). Of the 34 total above grade containers, 22 are 55-gallon (2 of which are HAD drums).

Note there are approximately 100 additional TA-21 generated debris drums above grade (None of which are HAD drums), however, these are D&D generated wastes and the AK 10 report does not currently address D&D.

Please let me know if you have any questions or comments. Thanks.

Steve Schafer
Office Phone (303) 989-3292
Mobile Phone (303) 250-6540

From: James R Fitzgerald [mailto:randy_fitz@lanl.gov]
Sent: Tuesday, May 01, 2007 9:18 AM
To: steve.schafer@comcast.net; mj_papp@msn.com; jim.Schoen@wastrenadvantage.com
Cc: peterman@lanl.gov
Subject: [SPAM] List of 1,794 55-gal drums from AK10 TA-21

Steve,

Sue wants the list of the 1,794 55-gal drums from AK-10 TA-21, LA-MHD04.001 to have drums for fast scan....These do NOT need to be on the AKTSS.....

Table 4. LA-MHD04.001 Approximate Waste Stream Volume
Containers Volume (m3)

1,794 55-gallon drums 373

Thanks,

Randy Fitzgerald, AKE
WS - TWPS (TRU WASTE PROJECT SUPPORT)
Technical Specialists
TA-54-533, Room 1017
505-667-3074 office
505-231-7582 cell
505-665-9509 fax

CONTAINER ID	DATE PACKED	DATE VENTED	TEMP CNTR TYPE	CNTR VOL M3	GROSS WEIGHT	BELOW GRADE FLAG	325 HAD?
S000528	31-Dec-74		55 GAL	0.208	58.5	N	FALSE
S843812	29-Oct-74	12/31/2001	55 GAL	0.208	76.5	N	TRUE
S843813	29-Oct-74	12/31/2001	55 GAL	0.208	55.9	N	FALSE
S843814	29-Oct-74	12/31/2001	55 GAL	0.208	61.4	N	FALSE
S843815	29-Oct-74	12/31/2001	55 GAL	0.208	78.6	N	FALSE
S843816	29-Oct-74	12/31/2001	55 GAL	0.208	78.6	N	FALSE
S843817	29-Oct-74	12/31/2001	55 GAL	0.208	59.7	N	TRUE
S843818	29-Oct-74	12/31/2001	55 GAL	0.208	59.7	N	FALSE
S845054	05-Jun-84	12/31/2001	55 GAL	0.208	32.2	N	FALSE
S845055	05-Jun-84	12/31/2001	55 GAL	0.208	40.8	N	FALSE
S845056	05-Jun-84	12/31/2001	55 GAL	0.208	37.7	N	FALSE
S845057	05-Jun-84	12/31/2001	55 GAL	0.208	34.5	N	FALSE
S845059	05-Jun-84	12/31/2001	55 GAL	0.208	33.1	N	FALSE
S845060	05-Jun-84	12/31/2001	55 GAL	0.208	77.7	N	FALSE
S845061	06-Jun-84	12/31/2001	55 GAL	0.208	37.2	N	FALSE
S845062	06-Jun-84	12/31/2001	55 GAL	0.208	43.1	N	FALSE
S855145	04-Sep-85	12/31/1999	55 GAL	0.208	37.3	N	FALSE
S855146	03-Sep-85	12/31/1999	55 GAL	0.208	60.1	N	FALSE
S855147	04-Sep-85	12/31/1999	55 GAL	0.208	41.8	N	FALSE
S855149	04-Sep-85	12/31/1999	55 GAL	0.208	71.4	N	FALSE
S855157	06-Sep-85	12/31/1999	55 GAL	0.208	153.0	N	FALSE
S855158	06-Sep-85	12/31/1999	55 GAL	0.208	38.1	N	FALSE
S855148	04-Sep-85	12/31/1999	85 GAL	0.322	35.0	N	FALSE
S900249	14-Dec-89	12/31/1999	85 GAL	0.322	54.8	N	FALSE
S901283	14-Dec-89	12/31/1999	85 GAL	0.322	57.2	N	FALSE
S901531	14-Dec-89	12/31/1999	85 GAL	0.322	52.9	N	FALSE
S901532	14-Dec-89	12/31/1999	85 GAL	0.322	98.1	N	FALSE
S901533	14-Dec-89	12/31/1999	85 GAL	0.322	66.6	N	FALSE
S901534	14-Dec-89	12/31/1999	85 GAL	0.322	43.0	N	FALSE
S901535	14-Dec-89	12/31/1999	85 GAL	0.322	95.3	N	FALSE
S882898	17-Oct-88	12/31/1999	110 GAL	0.303	95.3	N	TRUE
S882899	17-Oct-88	12/31/1999	110 GAL	0.303	95.3	N	TRUE
S882904	17-Oct-88	12/31/1999	110 GAL	0.303	99.8	N	TRUE
S000519	11-Dec-74		30 GAL	0.100	22.2	N	FALSE

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048
Telephone Number:	505-234-7523	Date Sent:	3/21/08

Document Number	Title/Description	Record Date	Total Pages
DR002	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	3/20/2008	1
	DR002 - TA-21 Mixed Heterogenous Combustible and Non-Combustible Debris	6/26/2007	4

Comments

None

Acceptance/Rejection Signature and Date

Records Accepted ☒	Jodi Saltzman (Signature)	JODI SALTZMAN (Printed Name)	03/31/08 (Date)
Records Rejected ☐	_____ (Signature)	_____ (Printed Name)	_____ (Date)

Reason for Rejection:

Re-submittal:

_____ (Signature)	_____ (Printed Name)	_____ (Date)

P.01

TRANSACTION REPORT

MAR-31-2008 MON 02:03 PM

FOR: CCP RECORDS 15052347014

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAR-31	02:03 PM	SHERI NANCE	18"	1	FAX TX	OK	003	

TOTAL : 18S PAGES: 1

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CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**

CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048
Telephone Number:	505-234-7523	Date Sent:	3/21/08

Document Number	Title/Description	Record Date	Total Pages
DR002	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	3/20/2008	1
	DR002 - TA-21 Mixed Heterogenous Combustible and Non-Combustible Debris	6/26/2007	4

DIVIDER PAGE ONLY

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Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
DR002	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	N/A		

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 11/17/09 (Date)

Records Rejected ☒ (Signature) (Printed Name) (Date)

Reason for Rejection: N/A

Re-submittal: (Signature) (Printed Name) (Date)

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	2159
DESTINATION TEL #	92347138
DESTINATION ID	CHEZIE TODD
ST. TIME	11/17 08:41
TIME USE	00'16
PAGES SENT	1
RESULT	OK

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
DR002	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	NA		

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 11/17/09 (Date)

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR001
Waste Stream Number(s): LA-MHD04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Acceptable Knowledge Source Document Discrepancy Resolution - Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MHD04.001, Revised	
Source Document Reference Information (author(s), document and revision number, date, publisher): Michael Papp, NA, NA, 08/20/2014, P2010-3673	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR7, WS2, WS8, WS12, S4	1-2	The TA-55 AK Summary Report assigns EPA HWNs F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040. The TA-21 AK Summary Report assigns the aforementioned EPA HWNs with the exception of D018, D019, D021, D035, D038, D039, and D040. This is inconsistent with the TA-55 AK Summary Report. Resolution: Although the assignment of both listed and associated toxicity characteristics HWNs in TA-55 AK Summary Report and historical LANL characterization is not required and is inconsistent with the characterization of TA-21 waste, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 AK Summary Report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore the HWNs associated with TA-55 waste will not be updated.

NTPC RECORDS ORIGINAL
DATE REC'D 5-20-14

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR001
Source Document Data Limitations (if any): 1. None	
Acceptable Knowlege Expert: Amy Johns / Amy Johns Date: 8/20/2014 Print /Sign	
a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc) b Obtain from Acceptable Knowledge Documentation Checklist c For microfilm or microfiche, identify box, tape, reel number and location.	

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution - Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MHD04.001, Revised

P2010-3673

Waste Stream Number(s): LA-MHD04.001

Waste Stream Description: TA-21 Mixed Heterogeneous Combustible and Non-Combustible Debris

AK Source Document Discrepancy Form Tracking Number: DR001					
Tracking #	**Title**	**Document/Rev #**	**Author**	**Date**	**Page #**
D059	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)	TWCP 23596; AK-00-23, Rev. 0	C. Smith	07/08/2004	All
D060	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	AK-00-019	C. Smith	09/22/2003	All
N/A	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-21 DP West Facility	CCP-AK-LANL-010, Rev. 7	CCP	Draft	Section 5.4.3
N/A	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-55 Mixed Transuranic Waste	CCP-AK-LANL-006, Rev. 13	CCP	02/10/2014	Section 5.4.3
N/A	CCP Acceptable Knowledge Documentation	CCP-TP-005, Rev. 26	CCP	08/12/2013	Sections 4.4.16 – 4.4.20
N/A	McCoy's RCRA Unraveled	N/A	McCoy and Associates, Inc.	2012 Edition	Chapters 3 & 13

NTPC RECORDS ORIGINAL
DATE REC'D 7-1-14

DR001

Nature of Discrepancy:

The CCP Acceptable Knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AK-LANL-010, was created to characterize TRU waste generated from the DP West facility. The materials and chemicals used in past operations at the DP West Facility are the same or similar as materials and chemicals used at the TA-55 Plutonium Facility. The number of AK source documents relating to the DP West Facility and the level of detail in these documents is also less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the TA-21 AK Summary Report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in TA-55 including associated chemical and material inputs.

The TA-55 AK Summary Report assigns Environmental Protection Agency (EPA) Hazardous Waste Numbers (HWN) F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040. The TA-21 AK Summary Report assigns the aforementioned EPA HWNs with the exception of EPA HWNs D018, D019, D021, D035, D038, D039, and D040. This is inconsistent with the TA-55 AK Summary Report (References CCP-AK-LANL-006, D059, and D060).

Resolution:

In accordance to CCP Acceptable Knowledge Documentation, CCP-TP-005, a review of available AK was completed to determine the Resource Conservation and Recovery Act (RCRA) characterization and the assignment of EPA HWNs, if applicable. To assign EPA HWNs, AK source documents including procedures, personnel interviews, reports, container packaging, shipping documentation, material safety data sheets (MSDS), and manufacturer information for commercial products are reviewed to determine potential waste material inputs and possible chemical contaminants associated with the waste. EPA HWNs are often conservatively assigned for compounds used due to the lack of analytical evidence or inconsistent process knowledge that these constituents are not present in the waste or exceed the regulatory thresholds.

CCP-TP-005 provides specific instruction on the review of AK to determine if toxicity characteristic EPA HWNs are to be assigned. The appropriate toxicity characteristic HWN is assigned if characteristic contamination is identified, and has NOT been assigned a more specific listed HWN, unless data is available that demonstrates the concentration in the waste is less than the regulatory threshold. In addition, McCoy's RCRA Unraveled indicates that if the treatment standard for the listed waste specifically addresses the characteristic exhibited by the waste, only the listed HWN applies. Since the waste characterized in the TA-21 AK Summary Report includes the assignment of HWNs F001, F002, and F005, the following toxicity characteristics are specifically addressed by these listed HWNs and they are not assigned: D018 (benzene), D019 (carbon tetrachloride), D021 (chlorobenzene), D035 (methyl ethyl ketone), D038 (pyridine), D039 (tetrachloroethylene), and D040 (trichloroethylene).

Although the assignment of both listed and associated toxicity characteristic HWNs in TA-55 AK Summary Report and historical LANL characterization is not required and is inconsistent with the characterization of TA-21 waste, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 AK Summary Report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore, the HWNs associated with TA-55 waste will not be updated.

Based on the above information, waste stream LA-MHD04.001 contains RCRA regulated constituents and is assigned EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D022, F001, F002, and F005.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: Michael J. Papp / MJ Papp Date: 06/16/14
Print Sign

Site Project Manager: Carolina Soderna / Carolina Soderna Date: 6/20/14
Print Sign

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:13:01218
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

COPY

DATE: May 30, 2013

FROM: M. F. Ramirez — LOCATION: CCP Certification

TO: NTPC Records Custodian GSA-212 — LOCATION: National TRU Program Certification

SUBJECT: TRANSMITTAL OF LOS ALAMOS NATIONAL LABORATORY SITE WASTE STREAM PROFILE FORM LA-MHD01.001, REVISION 1 FOR WASTE STREAM LA-MHD01.001

Please accept the attached Los Alamos National Laboratory site Waste Stream Profile Form LA-MHD01.001, Rev. 1 to be placed in records for Waste Stream # LA-MHD01.001.

MFR:jmc

Attachment

cc: (without attachment)
R. P. Kantrowitz ED
M.W. Pearcy ED

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

NTPC RECORDS ORIGINAL
DATE REC'D 6/3/13

Attachment 2 – CCP Waste Stream Profile Form

(1) Waste Stream Profile Number: LA-MHD01.001, Revision 1							
(2) Generator site name: Los Alamos National Laboratory					(3) Generator site EPA ID: NM0890010515		
(4) Technical contact: Terri-Anne Groover					(5) Technical contact phone number: 505-606-2344		
(6) Date of audit report approval by New Mexico Environment Department (NMED): September 23, 2011							
(7) Title, version number, and date of documents used for WIPP-WAP Certification: CCP-PO-001, CCP Transuranic Waste Characterization Quality Assurance Project Plan, Revision 20, June 16, 2011; CCP-PO-002, CCP Transuranic Waste Certification Plan, Revision 26, July 14, 2011; CCP-PO-012, CCP/Los Alamos National Laboratory (LANL) Interface Document, Revision 12, November 5, 2012							
(8) Did your facility generate this waste?	YES	X	NO				
(9) If no, provide the name and EPA ID of the original generator: NA							
Waste Stream Information							
(10) WIPP ID[1]: LA-MHD01.001					(11) Summary Category Group: S5000 – Debris Waste		
(12) Waste Matrix Code Group: Heterogeneous Debris Waste					(13) Waste Stream Name: Mixed heterogeneous debris from TA-55		
(14) Description from the ATWIR: Mixed heterogeneous debris waste generated during TA-55 R&D/fabrication and associated recovery; facility and equipment maintenance, decontamination and decommissioning (D&D), waste repackaging, and below-grade retrieval operations.							
(15) Defense TRU Waste:	YES	X	NO				
(16) Check One:	CH	X	RH				
(17) Number of SWBs: 197 (17a) Number of SLB2: NA			(18) Number of Drums[2]: 17,172 55-gallon drum 618 55-gallon drums/year projected		(19) Number of Canisters: NA		
(20) Batch Data Report numbers supporting this waste stream characterization: See Characterization Information Summary (CIS) Correlation of Container Identification Numbers to Batch Data Report Numbers.							
(21) List applicable EPA Hazardous Waste Numbers: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002 and F005							
(22) Applicable TRUCON Content Numbers[3]: LA 125 / LA 225, LA154, SQ133 / SQ233, SQ154							
(23)**Acceptable Knowledge Information**							
(For the following, enter the supporting documentation used [i.e., references and dates])							
Required Program Information							
(23A) Map of site: CCP-AK-LANL-006, Revision 12, December 12, 2012, Figures 1 and 2							
(23B) Facility mission description: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 4.2.1							
(23C) Description of operations that generate waste: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 4.4							
(23D) Waste identification/categorization schemes: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 4.3.1							
(23E) Types and quantities of waste generated: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 4.3.6							
(23F) Correlation of waste streams generated from the same building and process, as applicable: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 4.3.7							
(24) Waste certification procedures: CCP-TP-030, Revision 31, November 19, 2012							
(25) Required Waste Stream Information							

(25A) Area(s) and building(s) from which the waste stream was generated: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 5.1			
(25B) Waste stream volume and time period of generation: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 5.2			
(25C) Waste generating process description for each building: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 5.3			
(25D) Waste Process flow diagrams: CCP-AK-LANL-006, Revision 12, December 12, 2012, Figure 7 through Figure 22			
(25E) Material inputs or other information identifying chemical/radionuclide content and physical waste form: CCP-AK-LANL-006, Revision 12, December 12, 2012, Section 5.4			
(25F) Waste Material Parameter Weight Estimates per unit of waste: See table entitled "Waste Stream LA-MHD01.001 Waste Material Parameter Estimates" in Summation of Aspects of AK Summary Report: LA-MHD01.001			
(26) Which Defense Activity generated the waste:			
	Weapons activities including defense inertial confinement fusion		Naval Reactors development
	Verification and control technology	X	Defense research and development
X	Defense nuclear waste and material by products management	X	Defense nuclear material production
	Defense nuclear waste and materials security and safeguards and security investigations		
(27) Supplemental Documentation:			
(27A) Process design documents: NA			
(27B) Standard operating procedures: See M286, M289, M290, M292, M294, M299, M300, M302, M303, M304, P177, P180, P181, P182, P183, P185, P186, P189, P190, D004, D017, D041, D058, M012, M014, M024, M026, M028, M029, M030, M074, M076, M085, M086, M088, M089, M090, M095, M096, M097, M098, M103, M137, M180, M181, M182, M184, M185, M186, M189, M200, M202, M206, M212, P001, P005, P008, P012, P014, P028, P029, P033, P034, P036, P045, P046, P064, P065, P067, P069, P080, P094, P095, P096, P097, P098, P104, P105, P154, P155, P156, P157, P158, P159, P160, P161, P162, P163, P164, P165, P166, P167, P168, P169 and P170 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			
(27C) Safety Analysis Reports: See D014, D045, D068, P147 and P148 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			
(27D) Waste packaging logs: See M296, M303, M304, P177, D004, M012, M013, M018, M019, M215, M216, M217, M218, M219, M224, M273, P090 and P091 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			
(27E) Test plans/research project reports: See C186, C189, M306 and D028 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			
(27F) Site databases: See M298, M307, C101, M156, M157, M158, M159, M222 and U004 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			
(27G) Information from site personnel: See C188, C189, C190, C191, C192, C194, C195, C197, C199, C200, C201, C209, C210, C213, C220, C001, C002, C005, C007, C010, C011, C014, C017, C018, C019, C020, C026, C027, C031, C033, C035, C037, C038, C039, C040, C041, C047, C056, C057, C061, C062, C064, C066, C067, C068, C069, C073, C076, C082, C083, C085, C087, C089, C092, C094, C098, C102, C104, C105, C108, C113, C117, C121, C129, C130, C131, D017, P109 and P110 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			
(27H) Standard industry documents: See D055 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			
(27I) Previous analytical data: See C196, M283, P187, C087, C113, DR005, M002 and M273 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents			

(27J) Material safety data sheets: See M284, C009 and C121 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents	
(27K) Sampling and analysis data from comparable/surrogate Waste: See P187 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents	
(27L) Laboratory notebooks: See M281 in the Summation of Aspects of AK Summary Report: LA-MHD01.001, Source Documents	
Confirmation Information	
For the following, when applicable, enter procedure title(s), number(s) and date(s)	
(28)	Radiography: CCP-TP-053, Revision 12, August 22, 2012
	Visual Examination: CCP-TP-113, Revision 16, April 25, 2011

(29) Comments: For a list of the waste characterization procedures used and date of respective procedures see the list of procedures on the attached CIS.

This WSPF was revised to add Content Code Number LA222 and SQ133 to waste stream LA-MHD01.001. The changes do not affect the waste stream designation or assignment of Environmental Protection Agency (EPA) hazardous waste numbers, as identified in the previously approved WSPF.

Reviewed by AK Expert: YES [X] **Date:** 4/15/2013

Reviewed by STR (if necessary): YES [X] N/A [ ] **Date:** 4/16/2013

Waste Stream Profile Form Certification:

I hereby certify that I have reviewed the information in this Waste Stream Profile Form, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Veronica Waldram	Veronica Waldram	5/22/13
Signature of Site Project Manager	Printed Name	Date

NOTE: (1) Other available ATWIR Identification Numbers are LA-TA-55-19, LA-TA-55-21, LA-TA-55-30 and LA-TA-55-32

(2) This waste stream currently consists of 174 30-gallon drums, 14,225 55-gallon drums (includes POCs), 718 85-gallon drums, 2 110-gallon drums, and 125 other containers totaling an estimated 3,606 cubic meters of waste, which is equivalent to approximately 17,172 55-gallon drums (the 197 SWBs are addressed separately above).

(3) Other applicable TRUCON Content Numbers are LA115, LA215, LA116, LA216, LA117, LA217, LA118, LA218, LA119, LA219, LA122, LA222, LA123, LA223

CHARACTERIZATION INFORMATION SUMMARY

WSPF # LA-MHD01.001 Rev. 1

Lot 368

TABLE OF CONTENTS

Characterization Information Cover Page..... 002

Correlation of Container Identification Numbers to Batch Data Report Numbers..... 005

CCP Headspace Gas UCL_{90} Evaluation Form..... 007

Headspace Gas Summary Data..... 009

RTR/VE Summary of Prohibited Items and AK Confirmation..... 010

Reconciliation with Data Quality Objectives..... 011

CIS001

CCP Characterization Information Summary Cover Page

Waste Stream # LA-MHD01.001 Rev. 1 Lot #: 368

AK Expert Review: N/A Date: N/A

SPM Review: Richard Kantrowitz Date: 5/9/2013

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Radiography (RTR/NDE):

CCP-TP-053	Rev. 3	03/21/05	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 4	12/22/05	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 5	11/16/06	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 6	03/04/08	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 7	10/21/09	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 8	06/30/10	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 9	09/30/10	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 10	03/04/11	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 11	07/20/11	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 12	08/22/12	CCP Standard Real-Time Radiography (RTR) Inspection Procedure

Visual Examination (VE):

CCP-TP-113	Rev. 4	12/22/05	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 5	08/28/06	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 6	11/16/06	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 7	03/19/07	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 8	09/04/07	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 9	03/05/08	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 10	07/09/08	CCP Standard Contact-Handled Waste Visual Examination
CCP-TP-113	Rev. 11	11/12/08	CCP Standard Contact-Handled Waste Visual Examination
CCP-TP-113	Rev. 12	12/01/08	CCP Standard Contact-Handled Waste Visual Examination
CCP-TP-113	Rev. 13	03/11/09	CCP Standard Contact-Handled Waste Visual Examination
CCP-TP-113	Rev. 14	06/30/10	CCP Standard Contact-Handled Waste Visual Examination
CCP-TP-113	Rev. 15	12/29/10	CCP Standard Contact-Handled Waste Visual Examination
CCP-TP-113	Rev. 16	04/25/11	CCP Standard Contact-Handled Waste Visual Examination

Non Destructive Assay (NDA):

CCP-TP-063	Rev. 6	10/10/05	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 7	03/31/06	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 8	11/30/06	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 9	11/27/07	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 10	11/27/07	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 11	10/22/08	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 12	11/17/10	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/11	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/12	CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 4	10/26/04	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 5	07/21/05	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 6	02/08/06	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 7	11/16/06	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 8	07/12/10	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 9	03/14/11	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000
CCP-TP-103	Rev. 10	08/30/11	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA2000

Headspace Gas Sampling and Analysis (HSG):

CCP-TP-128	Rev. 1	04/21/04	CCP TRU Waste Container HSG Analysis (Entech/Agilent)
CCP-TP-129	Rev. 2	07/15/04	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-129	Rev. 3	03/31/06	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-129	Rev. 4	05/24/06	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-131	Rev. 2	03/31/05	CCP Manual Headspace Gas Sampling of TRU Waste Containers for the Entech/Agilent Analytical System

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ACMM-9910	Rev. 6	04/15/04	Analysis of Gas Samples for VOCs by GC/FID
ACMM-9910	Rev. 7	04/24/06	Analysis of Gas Samples for VOCs by GC/FID
CCP-TP-173	Rev. 0	05/03/07	CCP Analysis of Gas Samples for VOCs by GC/FID
CCP-TP-173	Rev. 1	09/30/09	CCP Analysis of Gas Samples for VOCs by GC/FID
ACMM-9925	Rev. 1	04/20/04	Analysis of Gas Samples for Hydrogen and Methane by GC/TCD
ACMM-9925	Rev. 2	05/03/06	Analysis of Gas Samples for Hydrogen and Methane by GC/TCD
ACMM-9930	Rev. 8	07/10/03	Analysis of Gas Samples for VOCs by GC/MS
ACMM-9930	Rev. 9	02/16/06	Analysis of Gas Samples for VOCs by GC/MS
CCP-TP-175	Rev. 0	05/02/07	CCP Analysis of Gas Samples for VOCs by GC/MS
CCP-TP-175	Rev. 1	03/29/10	CCP Analysis of Gas Samples for VOCs by GC/MS
CCP-TP-175	Rev. 2	12/29/10	CCP Analysis of Gas Samples for VOCs by GC/MS
CCP-TP-175	Rev. 3	08/02/11	CCP Analysis of Gas Samples for VOCs by GC/MS

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 11	03/23/05	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 12	05/25/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 13	07/21/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 14	11/16/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 15	11/22/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 16	04/26/07	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 17	09/24/07	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 18	08/09/10	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/10	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 20	09/27/12	CCP Project Level Data Validation and Verification
CCP-TP-002	Rev. 16	06/06/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 17	10/10/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 18	11/16/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 19	12/22/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 20	08/18/08	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 21	08/04/09	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 22	06/30/10	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 23	12/29/10	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 24	12/28/11	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 25	02/11/13	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-003	Rev. 14	09/03/03	CCP Sampling Design and Data Analysis for RCRA Characterization
CCP-TP-003	Rev. 15	11/16/06	CCP Data Analysis for S3000, S4000, and S5000 Characterization
CCP-TP-003	Rev. 16	10/02/07	CCP Data Analysis for S3000, S4000, and S5000 Characterization
CCP-TP-003	Rev. 17	11/09/09	CCP Data Analysis for S3000, S4000, and S5000 Characterization
CCP-TP-003	Rev. 18	12/29/10	CCP Data Analysis for S3000, S4000, and S5000 Characterization
CCP-TP-003	Rev. 19	11/02/12	CCP Data Analysis for S3000, S4000, and S5000 Characterization
CCP-TP-005	Rev. 15	03/31/05	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 16	02/27/06	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 17	06/05/06	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 18	11/16/06	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 19	07/06/10	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 20	11/01/10	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 21	12/29/10	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 22	04/21/11	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 23	06/30/11	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 24	11/28/11	CCP Acceptable Knowledge Documentation
CCP-TP-030	Rev. 17	12/29/05	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 18	05/01/06	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 19	11/16/06	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 20	02/07/07	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 21	05/21/07	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 22	07/24/07	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 23	03/12/08	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 24	08/20/08	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 25	01/22/09	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 26	05/27/09	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 27	12/14/09	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 28	05/12/10	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 29	04/26/11	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 30	05/21/12	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 31	11/19/12	CCP CH TRU Waste Certification and WWIS/WDS Data Entry

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WAP Certification:

CCP-PO-001	Rev. 11	03/10/05	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 12	03/22/06	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 13	11/16/06	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 14	03/28/07	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 15	08/08/07	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 16	10/31/07	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 17	06/23/09	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 18	06/30/10	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 19	12/29/10	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 20	06/16/11	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-002	Rev. 13	05/09/05	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 14	12/29/05	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 15	03/22/06	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 16	11/15/06	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 17	11/15/06	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 18	11/16/06	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 19	05/22/07	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 20	11/02/07	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 21	01/26/09	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 22	01/12/10	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 23	04/07/10	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 24	06/30/10	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 25	12/29/10	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/11	CCP Transuranic Waste Certification Plan
CCP-PO-012	Rev. 4	03/31/06	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/06	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/07	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/08	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/28/10	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev .9	01/04/12	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/12	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/12	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/12	CCP/Los Alamos National Laboratory (LANL) Interface Document

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CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Rev. 1 Lot # 368

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Solids Sampling BDR	Solids Analytical BDR	Load Management/ Overpack Yes	Headspace Gas BDR		
								Sample	Analysis	
52897*	LA00000052897	2LANDA0103	LA-RTR2-06-0297	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
52989*	LA00000052989	1LANDA0536	LA-RTR2-06-0289	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
54377*	LA00000054377	2LANDA0113	LA-RTR2-06-0316	N/A	N/A	N/A		LAHSGS070035	ECL07041M	ECL07041G
54404*	LA00000054404	1LANDA0400	LA-RTR2-06-0143	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
54859*	LA00000054859	1LANDA0518	LA-RTR2-06-0272	N/A	N/A	N/A		LAHSGS070035	ECL07040M	ECL07040G
54946*	LA00000054946	1LANDA0634	LA-RTR2-07-0042	N/A	N/A	N/A		LAHSGS070036	ECL07039M	ECL07039G
55886*	LA00000055886	1LANDA0589	LA-RTR2-06-0388	N/A	N/A	N/A		LAHSGS070009	ECL07007M	ECL07007G
55910*	LA00000055910	2LANDA0108	LA-RTR2-06-0305	N/A	N/A	N/A		LAHSGS070035	ECL07041M	ECL07041G
56282*	LA00000056282	1LANDA0521	LA-RTR2-06-0271	N/A	N/A	N/A		LAHSGS070036	ECL07039M	ECL07039G
58001**	LA00000058001	LANDA0180	LA-RTR2-05-0124	N/A	N/A	N/A		LAHSGS070035	ECL07041M	ECL07041G
60174*	LA00000060174	3LANDA0035	LA-HERTR-12-0022	N/A	N/A	N/A		LAHSG1204	ECL12032M	N/A
60405*	LA00000060405	2LANDA0101	LA-RTR2-06-0288	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
60491**	LA00000060491	LANDA0333	LA-RTR2-06-0055	N/A	N/A	N/A		LAHSGS070035	ECL07041M	ECL07041G
61905*	LA00000061905	1LANDA0682	LA-RTR2-07-0102	N/A	N/A	N/A		LAHSGS070036	ECL07039M	ECL07039G
61990*	LA00000061990	1LANDA0517	LA-RTR2-06-0273	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
62292*	LA00000062292	1LANDA0528	LA-RTR2-06-0281	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
63419*	LA00000063419	1LANDA0522	LA-RTR2-06-0275	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
63659*	LA00000063659	2LANDA0283	LA-RTR2-08-0090	N/A	N/A	N/A		LAHSGS100001	ECL10001M	ECL10001G
63681*	LA00000063681	1LANDA0951	LA-RTR2-08-0133	N/A	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
63752*	LA00000063752	1LANDA1617	LA-RTR2-12-0091	N/A	N/A	N/A		LAHSG1206	ECL12037M	N/A
63913*	LA00000063913	1LANDA0965	LA-RTR2-08-0135	N/A	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
63916*	LA00000063916	1LANDA0950	LA-RTR2-08-0139	N/A	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
64354*	LA00000064354	1LANDA1123	LA-RTR2-09-0159	N/A	N/A	N/A		LAHSGS100001	ECL10001M	ECL10001M
64365*	LA00000064365	2LANDA0493	LA-RTR2-09-0159	N/A	N/A	N/A		LAHSGS100002	ECL10028M	ECL10028G
64864*	LA00000064864	2LANDA0513	LA-RTR2-09-0175	N/A	N/A	N/A		LAHSGS100001	ECL10001M	ECL10001M
65050*	LA00000065050	1LANDA1265	LA-RTR2-10-0084	N/A	N/A	N/A		LAHSG1103	ECL11016M	ECL11016G
65097*	LA00000065097	1LANDA1279	N/A	LAVE550032	N/A	N/A		LAHSG1103	ECL11016M	ECL11016G
65100*	LA00000065100	1LANDA1263	LA-RTR2-10-0082	N/A	N/A	N/A		LAHSG1102	ECL11003M	ECL11003G
65296*	LA00000065296	2LANDA0712	N/A	LAVE550038	N/A	N/A		LAHSG1102	ECL11003M	ECL11003G
65392*	LA00000065392	2LANDA0718	LA-RTR2-10-0142	N/A	N/A	N/A		LAHSG1102	ECL11003M	ECL11003G
65604*	LA00000065604	1LANDA1330	LA-RTR2-10-0140	N/A	N/A	N/A		LAHSG1102	ECL11003M	ECL11003G
65749*	LA00000065749	1LANDA1413	LA-RTR2-11-0059	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
65993*	LA00000065993	1LANDA1408	LA-RTR2-11-0055	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
66051*	LA00000066051	2LANDA0834	LA-RTR2-11-0075	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
66097*	LA00000066097	2LANDA0842	LA-RTR2-11-0082	N/A	N/A	N/A		LAHSG1204	ECL12032M	N/A
66171*	LA00000066171	1LANDA1530	N/A	LAVE550053	N/A	N/A		LAHSG1201	ECL12008M	N/A
66186*	LA00000066186	2LANDA0973	LA-RTR2-12-0043	N/A	N/A	N/A		LAHSG1204	ECL12032M	N/A
66190*	LA00000066190	1LANDA1550	LA-RTR2-12-0037	N/A	N/A	N/A		LAHSG1203	ECL12025M	N/A
66191*	LA00000066191	1LANDA1522	LA-RTR2-12-0012	N/A	N/A	N/A		LAHSG1201	ECL12008M	N/A
66324*	LA00000066324	1LANDA1545	LA-RTR2-12-0035	N/A	N/A	N/A		LAHSG1204	ECL12032M	N/A
66345*	LA00000066345	1LANDA1439	LA-RTR2-11-0094	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
66361*	LA00000066361	2LANDA0850	LA-RTR2-11-0095	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
66435*	LA00000066435	2LANDA0903	LA-RTR2-11-0138	N/A	N/A	N/A		LAHSG1201	ECL12008M	N/A
80240*	LA00000080240	1LANDA0839	LA-RTR2-08-0002	N/A	N/A	N/A		LAHSGS080005	ECL08008AM	ECL08008G
80301*	LA00000080301	1LANDA0841	LA-RTR2-08-0007	N/A	N/A	N/A		LAHSGS080005	ECL08008AM	ECL08008G

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Rev. 1 Lot # 368

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Solids Sampling BDR	Solids Analytical BDR	Load Management/ Overpack Yes	Headspace Gas BDR		
								Sample	Analysis	
80316*	LA00000080316	1LANDA0844	N/A	LAVE500113	N/A	N/A		LAHSGS080005	ECL08008AM	ECL08008G
80533*	LA00000080533	1LANDA0883	LA-RTR2-08-0050	N/A	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
81304*	LA00000081304	1LANDA1008	N/A	LAVE500207	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
81376*	LA00000081376	1LANDA1058	LA-RTR2-09-0064	N/A	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
81725*	LA00000081725	1LANDA1039	LA-RTR2-09-0042	N/A	N/A	N/A		LAHSGS090003	ECL09035M	ECL09035G
81731*	LA00000081731	1LANDA1036	LA-RTR2-09-0038	N/A	N/A	N/A		LAHSGS090003	ECL09035M	ECL09035G
81858*	LA00000081858	1LANDA1053	LA-RTR2-09-0057	N/A	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
82244*	LA00000082244	1LANDA1053	N/A	LAVE500235	N/A	N/A		LAHSGS090001	ECL09024M	ECL09024G
86181*	LA00000086181	1LANDA1271	LA-RTR2-10-0083	N/A	N/A	N/A		LAHSGS100002	ECL10028M	ECL10028G
86364*	LA00000086364	2LANDA0645	LA-RTR2-10-0086	N/A	N/A	N/A		LAHSG1101	ECL11001M	ECL11001G
87597*	LA00000087597	1LANDA1347	LA-RTR2-11-0004	N/A	N/A	N/A		LAHSG1102	ECL11003M	ECL11003G
87795*	LA00000087795	2LANDA0729	N/A	LAVE500424	N/A	N/A		LAHSG1102	ECL11003M	ECL11003G
87811*	LA00000087811	1LANDA1347	LA-RTR2-11-0004	N/A	N/A	N/A		LAHSG1102	ECL11003M	ECL11003G
88181*	LA00000088181	2LANDA0805	LA-RTR2-11-0051	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
88191*	LA00000088191	1LANDA1356	N/A	LAVE500434	N/A	N/A		LAHSG1104	ECL11032M	N/A
88250*	LA00000088250	2LANDA0821	LA-RTR2-11-0062	N/A	N/A	N/A		LAHSG1201	ECL12008M	N/A
89201*	LA00000089201	2LANDA0837	LA-RTR2-11-0083	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
89308*	LA00000089308	1LANDA1437	LA-RTR2-11-0088	N/A	N/A	N/A		LAHSG1104	ECL11032M	N/A
89846*	LA00000089846	1LANDA1467	LA-RTR2-11-0113	N/A	N/A	N/A		LAHSG1201	ECL12008M	N/A
S794422**	LAS794422	1LANDA0487	LA-RTR2-06-0233	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
S794452**	LAS794452	1LANDA1536	LA-RTR2-05-0062	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
S802584*	LAS802584	2LANDA0122	LA-RTR2-06-0330	N/A	N/A	N/A		LAHSGS070036	ECL07039M	ECL07039G
S825776*	LAS825776	LANDA0117	LA-RTR2-05-0061	N/A	N/A	N/A		LAHSGS060184	ECL06500M	ECL06500G
S833891**	LAS833891	LANDA0326	LA-RTR2-06-0042	N/A	N/A	N/A		LAHSGS070036	ECL07039M	ECL07039G
S844148*	LAS844148	1LANDA0680	LA-RTR2-07-0109	N/A	N/A	N/A		LAHSGS070036	ECL07039M	ECL07039G
S844308**	LAS844308	1LANDA0695	LA-RTR2-07-0138	N/A	N/A	N/A		LAHSGS070036	ECL07039M	ECL07039G
S862416**	LAS862416	LANDA0333	LA-RTR2-06-0046	N/A	N/A	N/A		LAHSGS070035	ECL07040M	ECL07040G
S862463*	LAS862463	LA06-PTGS-003	LA-RTR2-05-0221	N/A	N/A	N/A		LAHSGS070035	ECL07040M	ECL07040G
S871896**	LAS871896	LANDA0345	LA-RTR2-06-0026	N/A	N/A	N/A		LAHSGS070035	ECL07041M	ECL07041G

* Containers previously certified.

** Containers ineligible for disposal at WIPP. BDR information provided for completeness.

Signature of Site Project Manager

Richard Kantrowitz
Printed Name

5/9/2013
Date

CCP Headspace Gas UCL90 Evaluation Form

WSPF #: LA-MHD01.001 Rev. 1 **Head Space Gas Summary Number** 1 through 8

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples (2)	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL_{90} (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
Acetone	Log	59	74	5.19	0.88	2.33	1.23	100	4.61		
Benzene	Log	43	74	3.04	-1.47	1.82	-1.20	10	2.30		
Bromoform	Log	1	74	-1.71	-4.13	0.88	-3.99	10	2.30		
Butanol	Log	58	74	3.93	-0.79	1.37	-0.58	100	4.61		
Carbon Disulfide	Log	16	74	-0.36	-2.56	0.81	-2.44	10	2.30		
Carbon tetrachloride	Log	3	74	-0.39	-3.59	0.99	-3.44	10	2.30		
Chlorobenzene	Log	13	74	0.00	-3.07	1.07	-2.91	10	2.30		
Chloroform	Log	20	74	0.10	-2.77	1.17	-2.59	10	2.30		
Chloromethane	Log	43	74	4.56	-0.68	2.12	-0.37	10	2.30		
Cyclohexane [a]	Log	5	74	-0.36	-2.91	1.02	-2.76	10	2.30		
1,1-Dichloroethane	Log	11	74	0.26	-2.72	1.11	-2.56	10	2.30		
1,2-Dichloroethane	Log	13	74	1.28	-2.70	1.14	-2.53	10	2.30		
1,1-Dichloroethylene	Log	0	74	-0.43	-3.04	0.89	-2.91	10	2.30		
cis-1,2-Dichloroethylene	Log	2	74	-0.51	-3.05	0.96	-2.91	10	2.30		
trans-1,2-Dichloroethylene	Log	0	74	-0.51	-3.00	0.93	-2.86	10	2.30		
1,2-Dichloropropane	Log	9	74	0.41	-3.28	1.32	-3.08	10	2.30		
Ethyl benzene	Log	7	74	0.79	-3.14	1.08	-2.98	10	2.30		
Ethyl ether	Log	1	74	-0.16	-2.67	0.90	-2.54	10	2.30		
Methanol	Log	26	74	5.44	2.24	1.21	2.42	100	4.61		
Methyl ethyl ketone	Log	47	74	4.70	-0.84	1.95	-0.55	100	4.61		
Methyl isobutyl ketone	Log	24	74	2.77	-2.51	1.77	-2.24	100	4.61		
Methylene chloride	Log	29	74	1.87	-1.93	1.64	-1.68	10	2.30		
1,1,2,2-Tetrachloroethane	Log	1	74	-0.99	-3.69	1.03	-3.54	10	2.30		
Tetrachloroethylene	Log	3	74	-1.11	-3.60	1.00	-3.45	10	2.30		
Toluene	Log	71	74	4.33	1.16	1.96	1.46	10	2.30		
1,1,1-Trichloroethane	Log	8	74	2.71	-3.34	1.28	-3.15	10	2.30		
Trichloroethylene	Log	17	74	4.30	-3.03	1.57	-2.80	10	2.30		
Trichlorofluoromethane	Log	0	64	-1.08	-3.33	0.88	-3.19	10	2.30		

CCP Headspace Gas UCL90 Evaluation Form

WSPF #: LA-MHD01.001 Rev. 1 **Head Space Gas Summary Number** 1 through 8

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples (2)	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL_{90} (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
1,1,2-Trichloro-1,2,2-trifluoroethane	Log	3	74	0.53	-3.57	1.10	-3.41	10	2.30		
1,3,5-Trimethylbenzene[a]	Log	4	74	-0.15	-3.33	1.03	-3.17	10	2.30		
1,2,4-Trimethylbenzene[a]	Log	11	74	0.74	-3.12	1.06	-2.96	10	2.30		
m,p-Xylene[b]	Log	14	74	2.30	-2.97	1.29	-2.78	10	2.30		
m,p-Xylene[b]	Log	14	74	2.30	-2.97	1.29	-2.78	10	2.30		
o-Xylene	Log	10	74	1.89	-3.04	1.18	-2.86	10	2.30		
Formaldehyde[c]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrazine[d]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[a] These compounds are from CCP-PO-003, CCP TRAMPAC Authorized Methods for Payload Control (CCP CH- TRAMPAC) and are flammable VOCs that do not appear in the CCP-PO-001. These are not part of the target analyte list, but samples may be analyzed for these compounds.
[b] These xylene isomers cannot be resolved by the analytical methods employed in the CCP. m-Xylene and p-Xylene will be reported as "Total m-p-Xylene."
[c] Required only for homogenous solids and soil/gravel waste from Savannah River Site.
[d] Required only for homogenous solids and soil/gravel waste from Oak Ridge National Laboratory and Savannah River Site.

CES008

Comments:

(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per section C4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)

(2) Trichlorofluoromethane was not reported by the laboratory for the first ten containers used to generate the UCL_{90}. Trichlorofluoromethane was reported in all subsequent analyses. Consequently, only 64 results are used to generated the statistics.

Note:

This UCL_{90} page was generated in compliance with CCP-TP-003. Although the the Facility Permit no longer requires Headspace Gas sampling and analysis, the reporting of the results is required by our procedures.

Signature of Site Project Manager

Richard Kantrowitz
Printed Name

5/9/2013
Date

CCP Headspace Gas Summary Data

Waste Stream Number LA-MHD01.001 Rev. 1 Lot Number (s) 368

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (ppmv)	# Samples Containing TIC	% Detected
1,4 Dioxane	28.00	2	2.70%
Dichlorodifllluoromethane	45.00	1	1.35%
Benzyl chloride	0.07	1	1.35%
Iodomethane	0.21	1	1.35%
Bromomethane	0.57	1	1.35%

Data Supports EPA Hazardous Waste Numbers Assigned by AK? Yes ☑ No ☐

If no, describe the basis for assigning the EPA Hazardous Waste Codes:

SPM Signature _____ Date 5/9/2013

CI5009

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MHD01.001 Rev. 1 Lot #: 368

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	None of the containers in this Lot had prohibited items identified during Visual Examination technique.

a. See Batch Data Reports
b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).

Justification for the selection of RTR and/or VE: RTR was selected as a characterization method because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE. VE was selected as a characterization method because the waste was newly generated and VE meets the Data Quality Objectives for NDE.

Site Project Manager Signature	Richard Kantrowitz	5/9/2013
	Printed Name	Date

CIS010

CCP Reconciliation with Data Quality Objectives

WSF# LA-MHD01.001 Rev. 1 Lot # 368

Sampling Completeness

RTR/VE
Number of Valid Samples: 74 Number of Total Samples Analyzed: 74
Percent Complete: 100 (QAO is 100%)

NDA
Number of Valid Samples: 74 Number of Total Samples Analyzed: 74
Percent Complete: 100 (QAO is 100%)

HSG
Number of Valid Samples: 74 Number of Total Samples Collected: 74
Percent Complete: 100 (QAO is ≥90%)
Number of Valid Samples: 74 Number of Total Samples Analyzed: 74
Percent Complete: 100 (QAO is ≥90%)

Total VOC
Number of Valid Samples: NA Number of Total Samples Collected: NA
Percent Complete: NA (QAO is ≥90%)
Number of Valid Samples: NA Number of Total Samples Analyzed: NA
Percent Complete: NA (QAO is ≥90%)

Total SVOC
Number of Valid Samples: NA Number of Total Samples Collected: NA
Percent Complete: NA (QAO is ≥90%)
Number of Valid Samples: NA Number of Total Samples Analyzed: NA
Percent Complete: NA (QAO is ≥90%)

Total Metals
Number of Valid Samples: NA Number of Total Samples Collected: NA
Percent Complete: NA (QAO is ≥90%)
Number of Valid Samples: NA Number of Total Samples Analyzed: NA
Percent Complete: NA (QAO is ≥90%)

CIS011

CCP Reconciliation with Data Quality Objectives

WSF# LA-MHD01.001 Rev. 1 Lot # 368

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The waste matrix code identified is consistent with the type of sampling and analysis used to characterize the waste.
4	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
5	NA	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
6	Y	Mean concentrations, UCL_{90} values for the mean concentration, standard deviations, and the number of samples collected for each VOC in the HSG of each container were calculated and compared with the program required quantitation limits, as reported in CCP-TP-003, Attachment 3, and additional U.S. Environmental Protection Agency (EPA) Hazardous Waste Numbers were assigned as required. Samples were randomly collected (when appropriate).
7a	NA	Mean concentrations, UCL_{90} values for the mean concentration, standard deviations, and the number of samples collected for solids VOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003 Attachment 4, and additional EPA HWNs were assigned as required. Samples were randomly collected.
7b	NA	Mean concentrations, UCL_{90} values for the mean concentration, standard deviations, and the number of samples collected for solids SVOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003 Attachment 5, and additional EPA HWNs were assigned as required. Samples were randomly collected.
7c	NA	Mean concentrations, UCL_{90} values for the mean concentration, standard deviations, and the number of samples collected for total metals were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003 Attachment 6, and additional EPA HWNs were assigned as required. Samples were randomly collected.

CH5012

CCP Reconciliation with Data Quality Objectives

WSF# LA-MHD01.001 Rev. 1 Lot # 368

8	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
9	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
10	Y	Waste stream can be classified as hazardous or nonhazardous at the 90-percent confidence level.
11	Y	Appropriate packaging configuration and Drum Age Criteria (DAC) is applied and documented in the headspace gas sampling documentation, and the drum age met prior to sampling.
12	Y	TICs were appropriately identified and reported in accordance with the requirements of Section C3-1 of the QAPjP.
13	Y	The PRQLs for headspace gas VOCs were met for all analyses as evidenced by the analytical batch data reports.
14		The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-2 through C3-9 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	Y	Y	Y
Headspace Gas Analysis	Y	Y	Y
Solids Sampling	NA	NA	NA
Solids VOCs	NA	NA	NA
Solids SVOCs	NA	NA	NA
Solids Metals	NA	NA	NA

Comments: NONE

Signature of Site Project Manager | Richard Kantrowitz (Printed Name) | 5/9/2013 (Date)

CTS013

SUMMATION OF ASPECTS OF AK SUMMARY REPORT: LA-MHD01.001

Overview

Waste stream LA-MHD01.001 is mixed heterogeneous debris waste generated in Technical Area (TA)-55, Plutonium Facility Building 4 (PF-4) at the Los Alamos National Laboratory (LANL). LANL's current central mission is to enhance global security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health and national security concerns. Since 1978, PF-4 has been located at TA-55 and used for the extraction and recovery of plutonium from residue and scrap generated from operations at LANL facilities and other U.S. Department of Energy (DOE) sites in the defense complex. The scrap and residues are processed to recover as much plutonium as economically feasible. The recovered plutonium is converted into pure plutonium feedstock.

This waste stream consists of mixed heterogeneous debris waste generated in TA-55, PF-4 at LANL during TA-55 research and development (R&D)/fabrication and associated recovery, facility and equipment maintenance, decontamination and decommissioning (D&D), waste repackaging, and below-grade retrieval operations. The defense activities that generated this waste are: defense nuclear waste and materials by-products management, defense nuclear materials production, and defense research and development.

This Summation of the AK Summary Report includes information to support Waste Stream Profile Form (WSPF) number LA-MHD01.001, Revision 1 for mixed heterogeneous debris waste. The WSPF was originally approved on April 7, 2005. The primary source of information for this Summation is CCP-AK-LANL-006, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-55 Mixed Transuranic Waste: Waste Streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, LA-MIN04-S.001*, Rev. 12, December 12, 2012.

Waste Stream Identification Summary

Waste Stream Name:	Mixed heterogeneous debris from TA-55
Waste Stream Number:	LA-MHD01.001
Dates of Waste Generation:	1978 to present
Waste Stream Volume – Current:	17,172 55-gallon drums[1] 197 standard waste boxes (SWBs)
Waste Stream Volume – Projected:	618 55-gallon drums per year
Summary Category Group:	S5000 – Debris Waste
Waste Matrix Code Group:	Heterogeneous Debris Waste
Waste Matrix Code:	S5400, Heterogeneous Debris Waste

TRUCON Content Number:	LA154, LA115/LA215, LA116/LA216, LA117/LA217, LA118/LA218, LA119/LA219, LA122/LA222, LA123/LA223, LA125/LA225, SQ133/SQ233, SQ154
Annual Transuranic Waste Inventory Report Identification Numbers:	LA-TA-55-19, LA-TA-55-21, LA-TA-55-30, LA-TA-55-32, LA-MHD01.001

[1]This waste stream currently consists of 174 30-gallon drums, 14,225 55-gallons drums (includes pipe overpack containers [POCs]), 718 85-gallon drums, 2 110-gallon drums, and 125 other containers totaling an estimated 3,606 cubic meters of waste, which is equivalent to approximately 17,172 55-gallon drums (the 197 SWBs are addressed separately above).

Waste Stream Description and Physical Form

Waste stream LA-MHD01.001 consists of mixed heterogeneous debris waste generated in TA-55. The debris waste includes paper, rags, plastic, rubber, wood based high efficiency particulate air (HEPA) filters, other plastic based and cellulose based items (e.g., PPE), noncombustible (e.g., metal and glass), and lesser quantities of homogeneous solids (less than 50 percent by volume) contaminated with nuclear materials (e.g., americium oxide). Plastic-based waste includes (but may not be limited to): bottles, dry-box gloves (unleaded neoprene base), gloves including leaded gloves, ion-exchange resins, Plexiglas, polyethylene and vinyl, polystyrene, polyvinyl chloride plastic, rigid liner lids, sheeting, tags and labels, tape, ties, Tygon tubing, and vials. Rubber- and Teflon-based waste includes rubber gloves, Teflon tape, gaskets, and stoppers. Cellulose-based waste includes (but may not be limited to): booties, cardboard, cotton gloves, coveralls, laboratory coats, paper, rags and wipes (Kimwipes), tags and labels, wood/plywood, and similar materials. Noncombustible debris waste includes (but may not be limited to): bottles (e.g., glass), cans (e.g., steel and brass), composite HEPA filters, crucibles, equipment (e.g., furnaces, foundry parts, machine tools and parts), fluorescent bulbs, glass, gloveboxes, glovebox windows, graphite, lead (e.g., shielding), metal pipes, miscellaneous labware, metal (e.g., beryllium), motors, pumps, slag, small tools, ventilation ductwork, and wire ties. Homogeneous solid waste includes: hydroxide cake/filter materials, salts, and ash residues. Hydroxide cake/filter materials are composed of precipitated materials such as americium cadmium, calcium, chromium, iron, lead, magnesium, mercury, neptunium, plutonium potassium, silver, sodium hydroxide, thorium, and uranium. Salt waste can include varying mixtures of calcium chloride, cesium chloride, lithium chloride, magnesium chloride, potassium chloride, sodium chloride, zinc chloride, residual entrained calcium and zinc metal, and various plutonium and americium compounds. Ash residues originate from the thermal reduction of organic-based waste products that were contaminated with plutonium (e.g., plastics, rubber, wood, cellulosics, and oils) and may include incomplete combustion products such as small pieces of plastic and metal debris items. The waste stream also includes a small fraction of liquids (e.g., waste oils and organics) and solids (e.g., nitrate salts) absorbed or mixed with absorbent materials which may include Ascarite, diatomaceous earth, kitty litter, vermiculite, Waste Lock 770, and/or zeolite. Any payload container consisting of more than 50 percent by volume of homogeneous solids will be excluded from this waste stream (References C176, D025, D041, D083, D084, M019, M215, M216, M217, M218, M219, M222, and P178).

The waste stream meets the definition of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity.

This waste stream was generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations.

Point of Generation

Location

Waste stream LA-MHD01.001 was generated at LANL in Los Alamos, New Mexico. The waste is stored at the TA-54 Material Disposal Area G (Area G).

Area and/or Buildings of Generation

Waste stream LA-MHD01.001 was generated in the TA-55 Plutonium Facility, Building 4.

Generating Processes

Description of Waste Generating Processes

Plutonium Processing Operations

Wastes were generated from materials used in the process to recover plutonium from residues, metal fabrication, and R&D operations. The variety of plutonium handling operations includes:

- Preparing ultra-pure plutonium metals, alloys, and compounds
- Preparing (on a large scale) specific alloys, including casting and machining these materials into specific shapes
- Determining high-temperature thermodynamic properties of plutonium
- Reclaiming plutonium from scrap and residues produced by numerous feed sources
- Disassembling components for inspection and analysis
- Manufacturing of parts on a limited basis
- Processing plutonium oxide, uranium oxide, americium oxide and mixtures of plutonium and uranium oxides for reactor fuels
- Pu-238 generator and heat source R&D, fabrication, testing, and recycling

Sections 1 through 6 correspond to the six operational areas. Each section describes the operations that generated waste assigned to the debris waste stream.

Sections 7 and 8 correspond to facility and equipment maintenance and D&D operations which are commonly performed in TA-55. These operations originate in the same areas and generate waste and materials that contain the same chemical and radiological contaminants described in Sections 1 through 6.

Section 9 corresponds to the repackaging and prohibited item disposition operations which repackage transuranic (TRU) waste from various LANL facilities including TA-55. The repackaged waste containers retain their original characterization; therefore, the TA-55 plutonium processing operations and associated chemical and radiological contaminants described in Sections 1 through 8 are still applicable.

Section 10 corresponds to the below-grade retrieval project which includes the removal of waste from various LANL facilities including TA-55. The TA-55 below-grade waste originated from the same operations described in Sections 1 through 8.

1. Nitrate Operations

The overall goal of the nitrate operations is to recover plutonium from scrap and residues, and produce a purified plutonium oxide product, or for conversion into metal. The primary feed sources for the nitrate operations are plutonium residues from other recovery operations (e.g., chloride operations), metal preparation, metal fabrication, analytical laboratory operations, and residues from other DOE facilities. Nitrate operations can be broken down into the following six steps (References C129, D008, and D036):

- Pretreatment
- Dissolution
- Purification and Oxide Conversion/Refinement
- Americium Oxide Production
- Evaporation
- Cement Fixation

Pretreatment primarily includes physical methods used to separate scrap and residues for the next step–dissolution. It may include burning metal, thermal decomposition, crushing and pulverizing, incineration, scraping, or sorting. Historically, it also may have included calcination, caustic leaching, chemical separation (hydroxide or oxalate precipitation), distillation, filtering of liquids or oils, magnetic separation or passivation. The filtering of liquids or oils was performed under *Oil Recovery* from 1979 to 1989. Vacuum pump oils and other contaminated liquids from various operations were analyzed for nuclear material content. If they met the discard limit (DL) for plutonium, they were mixed with vermiculite and packaged in a drum for disposal. If the liquids contained plutonium above the DL, they were filtered through a glass frit so as to meet the DL. Any plutonium residue caught in the filter was to be sent to recovery operations. Once in 1979, trichloroethylene was used as a diluent to reduce the viscosity of vacuum pump oil. Heavy metals were not used in the process but were expected to be present from equipment wear (References C130, D008, D036, and M057). After pretreatment, solids are sent to dissolution if plutonium concentrations are above the DL. If concentrations are below the DL, solids are sent to solid waste packaging. Plutonium bearing solutions are sent to purification if plutonium concentrations are above the DL. If concentrations are below the DL, solutions are sent to solid waste packaging (References D008 and D036).

Dissolution includes various steps that generate plutonium nitrate solutions for feed into the purification step. Primary chemicals used in dissolution are nitric acid, calcium fluoride, and/or hydrofluoric acid. Filtered solids are either returned to the dissolution operation until plutonium concentrations are below the DL or sent to the vault for storage. Processed solids with plutonium concentrations below the DL are sent to solid waste packaging for disposal. Debris

items are disposed after removal of plutonium contamination above the DL. Non-acidic plutonium-bearing solutions are sent to purification. Acid solutions are sent to the evaporator (References D008 and D036).

The *Advanced Testing Line for Actinide Separations* (ATLAS) facility is a technology development operation performed in the dissolution process. The mission of the ATLAS facility is to research, develop, and demonstrate state-of-the art methods to reclaim and purify actinides from contaminated scrap. The facility has the capability to recover actinides from a wide range of feed types including oxides, ash, pyrochemical salts, metal conversion residues, and other items such as metal, alloys, and sources. This line employs dissolution, feed treatment for anion exchange, eluate precipitation, purification precipitation, calcinations, and waste treatment technologies. Chemicals used in this process include aluminum nitrate, calcium fluoride, diethyl oxalate, ferrous ammonium sulfate, formamide, hydrogen peroxide, hydroxylamine nitrate, sodium hydroxide, sodium nitrite, urea, and ascorbic, formic, hydrochloric, hydrofluoric, nitric, and sulfuric acids (References C200, D071, and P190).

Purification and Oxide Conversion/Refinement consists of ion exchange, precipitation, calcination, and roasting and blending operations. The ion exchange operations use resin-filled columns to collect plutonium, which binds to the resin while impurities flow through the columns; an eluting agent (nitric acid and hydroxylamine nitrate) is then used to release purified plutonium in solution. The enriched solutions are then sent to oxalate precipitation. Calcination of the oxalate converts the plutonium to oxide form. The oxide is then screened and blended. The depleted liquids are sent to the evaporator after hydroxide precipitation. An alternative purification process involves peroxide precipitation to eliminate a select set of metallic impurities. The plutonium peroxide is then separated by filtration, redissolved in nitric acid and precipitated again as the oxalate. The calcined plutonium oxides are sent to the vault (References C129, D008, and D036).

Americium Oxide Production begins with hydroxide precipitation of americium from the filtrate of the plutonium peroxide precipitation. The americium hydroxide then goes through dissolution, purification and packaging much like the plutonium nitrate operations, but without the refinement step. The processed material is sent to the vault for storage (References C129 and D036).

The *Evaporator* processes plutonium-poor liquids in order to re-concentrate plutonium, if possible, or to reduce the volume of liquid waste. These solutions are collected in tanks and sent to the evaporators in batches of up to 600 liters. The solution batches are then concentrated to approximately 25 liter volumes called "bottoms." As the bottoms cool, salts (i.e., nitrate salts) precipitate out and settle on the bottom of cooling trays. After cooling, the bottoms are sent back to ion exchange if plutonium concentrations are above the DL or to cement fixation if concentrations are below the DL. Attempts are made to re-dissolve settled salts, but if this is not readily achievable, the salts are sent to dissolution if plutonium concentrations are above the DL or sent to cement fixation if concentrations are below the DL. Nitric acid is used in the evaporator to wash nitrate salts having a plutonium concentration above the DL. Spent acid waste is sent to the Radioactive Liquid Waste Treatment Facility (RLWTF). Heavy metals that might be present are concentrated in this operation (References C130, D008, and D036).

Prior to 1992, some nitrate salts below the DL were not sent to cement fixation for immobilization but were packaged as waste. These salts were washed, vacuum dried (to reduce, but not eliminate, moisture content), double- (or triple-) bagged, and placed in 55-gallon drums. These salts are being remediated/repackaged in the Waste Characterization Reduction and Repackaging (WCRR) Facility with an inert absorbent material (e.g., zeolite, kitty litter).

The minimum inert absorbent material to nitrate salts mixture ratio is 1.5 to 1. Containers of nitrate salt waste mixed with inert absorbent material are included in the mixed absorbent waste stream (References C230, C231, D089, D090, D091, and P198).

The *Cement Fixation* process immobilizes aqueous and organic liquids with low plutonium concentrations and solids (e.g., evaporator bottoms, salts) from the six operational areas (e.g., nitrate operations) in cement. Historically, filtered solids and fines were also sometimes sent to cement fixation, but this is no longer done. Prior to 1988, the cement fixation process was performed throughout TA-55 using available glovebox space. Since 1988, the process has been performed in a dedicated glovebox. Liquids and solids are typically transferred to cement fixation in containers. Reagents used during this operation include cement accelerator, gypsum cement, nitric acid (pH adjustment), organic liquid emulsifier, Portland cement, silicone defoamer, sodium citrate retarder, sodium hydroxide, and phthalate and phosphate buffer solutions for pH meter calibration. The waste materials are commonly adjusted to a specific pH prior to mixing with gypsum or Portland cement. In the past, the cement was mixed in plastic bags or in various sized containers. Waste is now mixed directly into a 55-gallon drum attached to the glovebox. Any particulate matter is added during the stirring operation. Based on the review of the AK sources, contaminants of incoming materials may include chromium, lead, mercury, silver, acetone, benzene, butanol, carbon tetrachloride, chlorobenzene, chloroform, tetrachloroethylene, methylene chloride, methanol, pyridine, and xylene. Most of the wastes generated under this operation are classified as cemented wastes; although a small amount of debris waste is also generated (References C132, C171, C200, D008, D036, D050, D077, D078, and U005).

2. Miscellaneous Operations

R&D projects involve applied techniques and methods designed to study and improve operations associated with the purification, separation, extraction, recovery, and characterization of actinides (primarily plutonium). General types of these miscellaneous operations are described below.

Actinide Chemistry R&D. Several small-scale R&D efforts utilizing analytical instrumentation, wet chemistry, and other miscellaneous laboratory techniques primarily focus on plutonium recovery. Examples of some of these efforts include:

- Fluoride sintering of plutonium oxide takes advantage of the presence of fluoride to aid the formation of a sintered mass of plutonium oxide powder at temperatures above 700°C.
- Chlorination of plutonium oxides involves oxides with tantalum chips from the former Rocky Flats Environmental Technology Site. Chlorination is used to recover plutonium from potassium chloride and sodium chloride matrices.
- Processing of molten-salt extraction (MSE) salts generated at LANL and the former Rocky Flats Environmental Technology Site.
- Recovery of plutonium from ash involving plutonium/thorium oxide mixtures.
- Processing of neptunium oxide and metal to remove the protactinium (Pa) daughter in order to use the neptunium for Nondestructive Assay (NDA) standards.

Process outputs from these operations may be sent to the vault, aqueous recovery, or cement fixation based on the DL (References D009 and D032).

Experimental Oxide Characterization is conducted in Room 208 of PF-4 as an experiment designed to calculate the surface area and pore size distribution of a sample and to analyze the surface characteristics of the sample. Mixtures of helium and nitrogen are passed through a V-shaped cell to analyze the sample inside. With the exception of nitrogen and helium, no solvents or chemicals are used in this process. Process outputs from this operation may be sent to the vault, returned to the originating P/S Code, transferred to aqueous recovery, or cement fixation based on the DL (References D009 and D032).

The *Analytical Chemistry Laboratory* includes all analytical techniques performed in Room 124 of the PF-4. Operations involve the analysis of plutonium and americium, Resource Conservation and Recovery Act (RCRA) metals, and trace metals. Originators provide samples, which are prepared for further analyses, such as inductively-coupled plasma (ICP) and x-ray energy spectroscopy (XES). Unused liquid samples are returned to the originator, sent to radiochemistry for counting, sent to aqueous recovery operations, cement fixation, or sent to the RLWTF (References D008, D009 and D032).

Laser Induced Breakdown Spectroscopy is a technique that uses a powerful laser beam which, when focused on a sample, vaporizes a portion of the sample and forms a plasma. The light emitted by the plasma is analyzed in an optical spectrometer and the elemental composition and concentration of the sample can be determined. The advantages of this technique include analysis without sample preparation or dilution and portability. In this operation, originators provide plutonium containing solids or solutions which are analyzed. After analysis, the remaining sample is returned to the originator (Reference D032).

Actinide Processing Demonstration is a hydrothermal processing technique that involves the reaction of aqueous/organic mixtures, pure organic liquids, or contaminated combustible solids (e.g., ion exchange resins, plastic filters, and cellulose rags) with water under supercritical or near supercritical (elevated temperature and/or pressure) conditions. Feed streams may be contaminated with acetone, butanol, carbon tetrachloride, chlorobenzene, chromium, dihexyl N, N-diethylcarbamoylmethyl phosphonate, diisopropyl benzene, lead, methanol, methylene chloride, octylphenyl di isobutyl carbamoylmethyl phosphine oxide, and xylene. Effluents are liquids, oxides, and salts. Organic components are oxidized to carbon dioxide. Nitrate contaminants are converted to nitrogen gas and some nitrous oxide. Components such as chlorine, sulfur, and phosphorus are oxidized and converted to acids or salts. Process outputs from this operation may be sent to the vault, returned to the originating P/S Code, or transferred to aqueous recovery or cement fixation (References C199, D032, D077, and M223,).

Electrochemistry operations examine the electrochemical behavior of actinide or actinide contaminated metal samples and compounds in aqueous and non-aqueous solutions. A wire is attached to the sample with conductive paint and the sample is mounted in epoxy. The surface is polished and then cleaned with ethanol. An electrochemical cell is assembled, including a reference electrode (such as saturated calomel), a counter electrode, the desired solutions, and a gas dispersion tube. The electrodes are attached to a potentiostat and the sample is polarized by the application of voltage to the working electrode. The residual solution is made more basic to precipitate the actinide. After settling, the liquid is decanted and the precipitate is filtered and dried. The filtrate is sent to Aqueous Recovery or to the RLWTF. After drying, the residue is scraped into a storage container and sent to the vault. The remaining samples are returned to the originating P/S Code (Reference C131).

Material Identification and Surveillance involves the preparation of batches of plutonium oxide with well-established characteristics, and non-special nuclear material (SNM) impurities as desired to determine how these materials will interact with water in long-term storage. The preparation of the batches uses any combination of milling, blending, screening, calcining, and splitting to produce the desired plutonium oxide powders. Impurities such as alkaline, alkaline earth, uranium chlorides, metal oxides, hydroxides, fluorides, carbonates, nitrates, and sulfates are added as desired and the material is sent to the vault or other operations as needed (Reference C131).

Long Term Storage and Compatibility Testing is an operation used to measure the chemical and physical changes that occur when plutonium metal or compounds (such as oxides) are placed in various storage configurations, in various gaseous environments, or in contact with process or commercial materials. Small Material Inventory Studies involve the loading of up to 10 grams of plutonium dioxide as well as non-special nuclear material impurities into containers. The containers are monitored for temperature, pressure and gas composition over time. The capability also exists to modify the gas composition at any given time. The containers are heated in a furnace to a temperature corresponding to self-heating of a normal storage container loaded with nuclear material. The plutonium oxide is supplied by the vault or the Material Identification and Surveillance (MIS) process. The purpose of this process is to understand any changes or reactions that might occur in long-term storage of nuclear material. The gas monitoring is accomplished using mass spectrometry or gas chromatography. At the conclusion of testing, the containers and materials are submitted for analysis, returned to MIS, or sent to the vault (References C131 and D009).

Compatibility tests, which are no longer performed, were similar to the long term storage tests, except that (1) tests were prepared with process or commercial materials in contact with the plutonium metal or compounds and stored in the glovebox, (2) the storage containers didn't have a thermocouple, (3) the container may not have been monitored by an automated data acquisition system, and (4) the container had a volume up to 1.3 liters. Materials involved include plutonium metal, alloys or compounds, process or commercial materials (including liquid solder [gallium, indium, and tin], glycol, silicone grease, Sylgard 184, or cellular silicone), and the following gases which were used as atmospheres in the storage containers: helium, hydrogen, or the constituents of air. The test materials were sent out for analysis after the tests. Gas cylinders were attached to a manifold through a two-stage regulator and not used in the gloveboxes (References C131 and D009).

Standard Fabrication originated as Pyrochemical Matrix Studies conducted from 1986-1992 involving rod milling prior to screening. This operation had two objectives: (1) blending large batches of homogeneous plutonium oxide for pyrochemical operations, and (2) blending similar batches for dissolution in nitrate operations. The operation changed in August 1992 when a need developed to blend oxides to provide feed material for making NDA standards. From February 1995 to the present, the operation changed again, with the objective of determining the effect of high purity oxide, salt, and metal matrices on the accuracy of NDA measurements. Operations involve crushing, pulverizing, blending, roasting, and sieving. The results are used to determine protocols for handling and processing the matrices and to correct bias measurements. The product material consists of high-purity oxide standards for use at LANL and throughout the DOE complex (References D009 and D032).

Metallography Operations characterize the microstructure of metallic or ceramic pieces and establish the quality and effectiveness of welds. Materials examined consist of plutonium and uranium carbides, nitrides, and oxides, as well as zirconium and tantalum alloys, and stainless-

steel. Metal pieces (pellets) are cut with a diamond saw. Ceramic and metal pieces are subjected to grinding with standard metal grinding media (e.g., papers impregnated with silicon carbides and diamond). The materials are cleaned, polished, and etched with several different chemical compounds. The spent chemicals are sent to aqueous recovery, to the RLWTF, or mixed with absorbent. The plutonium and uranium carbides, nitrides, and oxides are returned to the vault (References D009 and D032).

Electrolytic Decontamination conducts various electrochemistry R&D experiments in Rooms 105, 106, 112, 208, 209, and 210. Electrochemistry methodologies are designed to decontaminate items, replace operations that produce large amounts of waste, or enhance chemical reactions. Process inputs are from the vault. The process involves uranium decontamination of disassembled weapon components from various sites with various levels of surface contamination with plutonium. The operation is strictly an aqueous process in which an alkaline solution is reacted with the components to precipitate uranium. A stainless-steel cathode is used; therefore, corrosion is not an issue and the electrolyte is not degraded. Significant amounts of metal could be stripped in a short period of time. The precipitated solution comprises either uranyl hydroxide or uranyl sulfate, which is then dried for mass balance. The distillate contains small amounts of uranium. Rinse water is discarded to the RLWTF. Outputs from the process are directed to the vault or cement fixation (References D009 and D032).

Waste Management Operations (P/S Code WM) is currently limited to waste generated from the TRU solid waste management operation in Room 432. This practice has been in place since the beginning of 1993. Room trash boxes from PF-4 have always been handled as low-level waste (LLW). However, when the boxes were assayed to verify contamination levels, some were determined to be TRU waste. These boxes of room trash were diverted to Room 432 for repackaging as TRU waste. From May 1987 through 1992, these boxes were tracked using P/S Code XO or X0 (Inactive or unspecified P/S material) and ultimately designated as having originated in P/S Code WM. These codes were changed to P/S Code WM after 1992 (References D009, D032, and D077).

Additional controls were placed on room trash after 1992 and continue to the present. Trash is assayed with the Multiple Energy Gamma Assay System (MEGAS). When a container is rejected because of MEGAS data, the rejected container is returned to the originator for removal of any "hot" item(s). This operation also allows greater control to prevent discarding regulated materials (e.g., RCRA constituents) in room trash. P/S Code XO indicates waste materials contaminated with RCRA constituents that are generated within specific rooms but cannot be associated with an individual P/S Code in that room. P/S Code X0 is designated for waste materials that cannot be associated with a specific room, such as a hallway, mezzanine offices, restrooms, change rooms, basement, pump rooms, and trolleys. The waste from all these areas, except the pump rooms and trolleys, would be LLW and no RCRA constituents are associated with the waste. P/S Codes XO and X0 are considered interchangeable because of the difficulty in distinguishing them on container paperwork and their inconsistent use by waste generators (References C037, D009, and D077).

Material Management Operations (P/S Codes M1, M2, MM, and M4) are used to introduce and remove items from the glovebox line. TRU waste typically associated with bag-out operations (e.g., stubs, tape) is packaged with other waste items and assigned Hazardous Waste Numbers (HWNs) based on the P/S Code from which the waste originated. Waste generated in the material management rooms is associated with glovebox maintenance operations. No other operations are conducted in these rooms (Reference D009).

The *Non-Confirming Drums* operation occurred from April 1989–April 1991 in Room 432. This operation was established to provide a mechanism for dealing with TRU drums that did not confirm TA-55 characterization information (e.g., recorded weight or nuclear material content). Non-confirming drums were temporarily set aside until such time as personnel could reprocess them under waste management operations to correct the non-confirming condition. After April 1991, non-confirming drums were dealt with immediately, and this operation was no longer needed (Reference D032).

Extraction/Separation Studies is no longer active, but involved the processing of actinide hydroxide cakes generated from chloride and nitrate operations. Research in this area also contributed to the development of sensors and instrumentation for online chemical analysis, and improvements in the purification operation. The R&D operations were non-routine and developmental in nature. The operations involved research, process development, small scale trouble-shooting, and occasionally preparation of various isotopes and isotopic mixtures of plutonium, uranium, americium, and neptunium (Reference D032).

Non-Aqueous Dissolution/Extraction Operations is no longer active, but involved the dissolution of actinide compounds and actinide-containing matrices in superacid media. The superacid solutions were evaporated to leave solid products that were analyzed by a variety of methods. The study of the organometallic chemistry of uranium and thorium in non-aqueous solvents consisted of a variety of small-scale organoactinide operations. The organoactinide operations were designed to study the synthesis of new actinide compounds in non-aqueous media. These operations also examined the characterization and reaction chemistry, and considered applications to existing actinide processing technology. Other non-aqueous operations supported fundamental and applied actinide chemistry research, by preparing solvents and reagents for the synthesis of new compounds, and characterization and analysis of new chemical compounds using wet chemistry methods and analytical instrumentation (Reference D032).

Measurement/Detection Operations and Studies is no longer active, but involved the inspection of oxides and metals. Materials were retrieved from the vault, brought to the glovebox, inspected, assayed by a non-destructive method, and sampled if necessary, then repackaged and returned to the vault. Assay methods included XES, laser-based, Raman and high resolution emission spectroscopy as well as other spectroscopic techniques. In addition to elemental and isotopic analyses, other measurement studies were designed to determine the surface area and pore size distribution of a sample and to analyze its surface characteristics. These studies produced only standard glovebox waste (References C131, D009, and D032).

Halogenation Studies is no longer active, but involved the fluorination of samples containing plutonium residues. A gas flow loop was used to pass a fluorinating agent through a gas-solid reactor where plutonium in the solid residue reacted chemically to form solid plutonium tetrafluoride or gaseous plutonium hexafluoride. Gaseous plutonium hexafluoride was trapped in a cold trap, distilled, and reduced to plutonium tetrafluoride. Separation operations involving experimental chlorination operations were similar to the fluorination procedures. A gas loop was used to flow carbon tetrachloride and perchlorocarbons through a gas-solid reactor to chlorinate plutonium oxides to form recoverable plutonium compounds. These studies produced only legacy waste (References D009 and D032).

3. Special Processing Operations

Special Processing includes operations for MT 42 and R&D for MT 52. Because processing MT 42 is a smaller-scale version of the recovery operations used for MT 52, MT 42 processing has four main recovery steps (References D010 and D030):

- Head-end operations
- Nitrate ion exchange operations
- Chloride ion exchange operations
- Pyrochemical operations

Only head-end operations are covered here. Nitrate ion exchange operations are covered in Section 1. Chloride ion exchange operations and pyrochemical operations (Direct Oxide Reduction, Molten Salt Extraction, and Electrorefining) are covered in Section 5 (References C131, D010, and D030).

Head-end Operations includes pretreatment which may include sorting, crushing, and/or pulverizing feed materials prior to being fed into later operations. A separate pretreatment procedure is the decladding of plutonium-beryllium (Pu-Be) sources. The Pu-Be metal alloy is removed from the sources, which are then entered into the chloride line for plutonium recovery along with other materials (References D007 and D028). The next operation is to leach or pickle tools, labware, crucibles, ash, etc., in nitric, hydrochloric, or hydrofluoric acids to remove recoverable plutonium. Plutonium oxide is typically calcined in nitrate and chloride operations to oxidize any metallic plutonium prior to dissolution. Combustible wastes are burned and the ash sent through the rotary calciners to remove incompletely oxidized organic material (References D010 and D030).

All wastes generated by MT 52 R&D operations are replicated for MT 42, but carry different P/S Codes to differentiate and identify the radionuclide content of the waste. Outputs from Special Processing include high purity metal for casting and machining (References D010 and D030).

4. Metal Operations

The main goal of metal operations is to transform the high purity metal produced primarily by pyrochemical operations into alloyed metal shapes. On-going metal operations include metal casting, machining/metal work on various metals, extrusion, surface preparation, oxidizing, surveillance machining, accelerated aging, impact testing, fuel fabrication, assembly, recovery and extraction, physical property testing, burst testing, special recovery, thermal hydride/ dehydride, research alloy preparation, and welding (References C131, D011, and D029).

Casting is a process that receives plutonium metal from pyrochemical operations or Special Processing Operations depending on material type, or from other sources. The metal is combined with other metal from different sources to produce a product metal that meets purity specifications. Specification metal is then cast as a prealloyed feed aliquot at which time gallium metal is added. It is analyzed chemically in-line to determine the proper gallium content and the metal is placed into in-line storage. Metal is pulled from in-line storage to cast into shapes. Shapes generated by this process are sent to machining, various P/S Codes for testing, plutonium standards extrusion, reduction to metal or salt stripping. Plutonium oxide byproduct is sent to aqueous recovery (References D011 and D029).

Machining involves a variety of operations on cast parts obtained from Casting. Machining operations include turning, milling, grinding, and boring. The objective of the machining operations is to bring the parts to their formal dimensional specifications. Operations within machining use dry machining techniques. Cleaning solvents were used in machining operations in the past, and still are occasionally used, although with less-hazardous substitutes. Freon TF is used to remove oil from turnings (degreasing) before they are sent to recovery. Tetrachloroethylene is used to degrease metal parts after they are machined. Machined parts are sent to assembly operations or the vault. Scrap metal and turnings are sent to salt stripping and casting for recovery/reuse (References D011 and D029).

Plutonium Standards Extrusion uses high purity metal ingots from casting or machining which are placed in an extruder. The extruder is operated to produce a metallic wire that is cut into 1 gram pieces. Each 100 gram lot of wire pieces is sealed in a stainless-steel storage container for later packaging and shipment as required. The extrusion system consists of a hydraulic press and a microprocessor controlled hydraulic pumping system including a 0.156 inch diameter extruding die. The entire operation is performed in an inert glovebox to prevent oxidation of the metal. Plutonium standards are sent to the vault for storage (Reference C131).

Plutonium Surfaces studies receive samples from other operations and characterize them by the Sievert's Equilibrium System, x-ray, and other physical examinations. These methods can determine pressure-composition-temperature curves for actinide hydride/deuteride compounds or prepare samples of these compounds. These techniques also determine structures of actinide samples and measure helium release in aged plutonium. The samples may require mounting prior to characterization. Samples are returned to the originating P/S Code or to the vault (Reference C131).

Uranium Conversion involves the oxidation of uranium metal in air or a controlled oxygen environment at temperatures up to 1,100° C in a glovebox environment. The uranium pieces are usually received from the vault. The metal may be cut into pieces to fit into the crucible, which is then placed in the furnace and heated to the desired temperature in a slow flow of oxidizing gas. The oxide powder is then rod- or ball-milled to reduce particle size. It is then placed in a bottle before being removed from the glovebox line and transferred to the vault (References C131 and D011).

Surveillance Machining focuses on receiving metal shapes and machining the required metallic samples for a variety of analyses that can document what changes may or may not have occurred in the shaped item over its lifetime. The turnings are ultimately oxidized, while classified shapes and miscellaneous metal go to a variety of operations or to the vault (Reference C131).

Accelerated Aging of Plutonium is similar to casting and machining. Plutonium and other actinide based metals and materials are cast, machined, and inspected in the Actinide Research Machining Glovebox in the 300 wing of PF-4. This program employs Pu-238 to rapidly age weapons-grade plutonium, permitting accelerated self-irradiation induced changes in the material as a function of time. The Pu-238 enrichment level of weapons grade plutonium is performed at approximately 5 to 7.5 percent by weight. The Pu-238 is blended with the weapons-grade plutonium during the casting operation. Machining operations include turning, milling, grinding, and boring. Unlike machining, Freon TF is not used to degrease metal chips and turnings. However, trichloroethylene is used to clean machined parts. Machined parts are

sent to metallography for testing. Plutonium scrap and turnings are sent to Casting and Salt Stripping for reuse/recovery. Oxide from casting is sent to Roasting and Blending for further processing (References C131, D011, D081, and P189).

The Impact Test Facility uses a 7-inch gas gun and a 40-millimeter (mm) powder gun. The 7-inch gun is used for Pu-238 experiments, such as heat source impact testing and impact testing of Pu-238 capsules in graphite blocks. The entire test is conducted in a tube so that the material is contained. The entire tube with contents is transferred back to Nuclear Material Technology (NMT) -9 for recovery elsewhere in PF-4. No TRU waste is generated from the 7-inch gun experiments under normal circumstances. The 40-mm gun enables the experimenter to generate data on materials in high stress environments. During the test, a projectile propelled to hypervelocity by a charge of smokeless powder, strikes an instrumented target contained within a glovebox. The target is shattered into macro and microscopic pieces during the impact and the projectile is arrested by a series of stopping plates. Target materials can range from surrogate materials to actinides. Post test, the remains of the target material, projectile, instrumentation, and stopping plates are removed as waste or are reused (References D011 and D029).

The Kolsky Bar Test Facility is a gas gun operation for physical property testing. A stainless-steel bar with plastic seals at each end is fired by gas pressure down a stainless-steel barrel that strikes a target, usually plutonium. Behind the target is another stainless-steel bar instrumented with sensors. This bar is butted against a plastic wrapped lead brick at the back of the chamber. Wastes include rags, HEPA filters, and gloves. The rags generated by this process may contain some lead/lead oxide from cleaning operations. The barrel is cleaned with a cotton swab. No solvents are used. Residual plutonium is returned to the originating P/S Code (References D011 and D029).

Fuel Fabrication entails the development of reactor fuel. Enriched uranium oxide, depleted uranium, and/or plutonium oxide is blended and mixed with graphite and stearic acid. The blended mixed oxide is then pressed into briquettes. The briquettes are heated, size reduced, and pressed into pellets. The pellets are heated/sintered and inspected. Grinding may be necessary to meet specifications. The accepted mixed oxide fuel pellets are transferred into the cladding glovebox. The cladding tube is held in a lathe while the pellets are pushed into the cladding with a pushrod. A stainless-steel shroud tube is placed in the cladding tube prior to insertion of the pellets. A spring and end cap is placed in the open end of the cladding tube, and a tungsten inert gas (TIG) weld is made at the joint between the end cap and the cladding. Cladding, spring, and end cap are stainless-steel. Bonding of the fuel is done with either helium or sodium. Any excess sodium is reacted with Dowanol 80 to form a stable sodium salt, which prevents metallic sodium from entering the waste streams. As a result of the current effort in mixed oxide fuel development, the issue of gallium removal becomes important. Completed fuel rods are sent to the vault for storage prior to distribution. Oxides and rejected pellets are sent to aqueous recovery or the vault (References D011 and D029).

Assembly Operations involves bringing nuclear material out of the glovebox and encapsulating it in a cold container. This outer container can be a bolted assembly or a welded assembly using electron beam, pressurized inert-gas metal arc, TIG, or laser welding techniques. No solvents are used. Wastes include aluminum foil, plastic bags, and gloves. The waste generated from this process is nearly always LLW, but some TRU waste may be generated. The assembled containers are sent to the vault for storage (References D011 and D029).

The *Advanced Recovery and Integrated Extraction System* (ARIES) is a demonstration operation, which receives and disassembles pits, plutonium hydrides and metallic plutonium, from which it produces plutonium metal or oxide powder. The product is canned for long-term storage. Wastes include plutonium-contaminated debris waste. Operation of the ARIES Electrolytic Can Decontamination System decontaminates the external surfaces of canned plutonium using an electrolytic decontamination system. An electrolyte (sodium sulfate) and water are used in the system in a recycle mode. Sodium hydroxide is used for pH control. Wastes include electrolyte and water solutions contaminated with plutonium. This liquid waste is sent either to cement fixation or to the RLWTF at TA-50. The plutonium metal and oxide powder is sent to the vault (References D011 and D029).

Physical Properties is a procedure that describes techniques for the study of physical properties of alloys, including the structural, magnetic, electronic, and metallurgical properties of actinide metals, alloys and compounds from various operations. A muffle furnace with an argon atmosphere is used for testing sample homogeneity or compatibility, and for temporary storage. Measurements include dilatometry (thermal expansion) and electrical resistivity. A Carver press is used to produce sample wires and pellets. The process takes place in Room 113, glovebox G 187. The actinide metals, alloys, and compounds are returned to the originating P/S Code (References D011 and D029).

Burst Testing involves the placement of hemi-shells on a test stand. A buffered test solution is pumped into the shell, pressurizing it until it bursts. Strain gauges monitor the deformation of the shell. The test solution is sodium tetraborate and sodium hydroxide and is filtered and reused. The solution is eventually discarded in the caustic waste line to the RLWTF at TA-50. Strain gauges have electrical contact points that are tin-lead solder. No solvents are used. The tested hemi-shells are sent to the vault for storage (References D011 and D029).

The *Special Recovery Line* (SRL) conducts pit disassembly on pits which are contaminated with tritium. Tritium is recovered if it is above a specified activity. Separation of pit components is done using a special abrasive cut-off wheel. The pit is cut in half, and the shells are cleaned with copper wool and Freon TF. Scrap is sent to recovery or to waste management depending on whether the material is SNM or not. After the shells are cleaned with the copper wool and Freon TF, they are placed in an ultrasonic bath for cleaning using product SF-2I. Tritium-contaminated water is collected and poured over zeolite absorbent for disposal. Small-scale decontamination of tritium-contaminated plutonium and other SNM is done in the SRL furnace. The SRL furnace area consists of different sections, including metal handling, tritium removal furnace, equipment for collecting tritium liberated in furnace, and effluent treatment system. The procedure that describes the operation of the furnace and furnace gas treatment system contains no details on disposition of output materials, or post-run cleaning operations. Plutonium, uranium, and tritium are sent to the vault for storage. Plutonium metal is also sent to casting, machining, or salt stripping for reuse/recovery (References D011 and D029).

Thermal Hydride/Dehydride:

a) Plutonium Hydriding System. The plutonium hydriding process studies the reactions of plutonium alloys and other actinides with hydrogen and other gases. The process takes place in Room 114, glovebox 110, and uses no chemicals other than the gases. The plutonium alloys and actinides are returned to the originating P/S Code (Reference D029).

b) Operating the Hydride-Dehydride Systems. The hydride-dehydride operating procedure describes how to safely form plutonium hydride, and then to decompose it to plutonium metal.

Three phases are involved: phase one uses hydrogen gas in large amounts and dehydriding is done in a separate reactor. Phases two and three use a closed loop, minimal hydrogen gas, and a single reactor. The process takes place in Room 114, GB 116, GB 119 and GB 154. No chemicals are used besides the gases. The plutonium metal is sent to the vault for storage (Reference D029).

Welding operations fall into two categories: encapsulation of radioactive isotopes and other welding operations. Two methods of welding are employed: a gas tungsten arc welder and an electron beam welder. Encapsulation of radioactive isotopes involves placing the isotope to be sealed into a stainless-steel capsule and subsequently welding the capsule closed. The exterior of the capsule is cleaned with Freon TF. The Freon TF is allowed to evaporate; hence no wiping of the capsule surface with rags is required. Other welding operations include welding of plutonium samples on vanadium in an argon atmosphere, brazing gold to repair platinum frits, welding titanium to repair titanium boats, and welding of aluminum. No welding of lead occurs. Welding outside of the glovebox line is also done under this P/S Code. The welded parts are either returned to the originating P/S Code or sent to the vault for storage (Reference D029).

5. Pyrochemical and Chloride Operations

Pyrochemical operations include metal preparation, metal purification, and ancillary metal production operations (chloride operations and metal oxidation). Pyrochemical outputs are most often high-purity metal feed materials for metal operations (References D011 and D028).

Metal preparation includes the following:

In the single pass *Direct Oxide Reduction* (DOR) operation, plutonium oxide and calcium metal are reacted in molten calcium chloride ($CaCl_2$) to produce plutonium metal. The reaction is conducted in a magnesium oxide (MgO) crucible. After cooling, a plutonium metal button is removed by breaking the crucible. A layer of salt above the button contains unreacted oxide and metal shot, which is sometimes recovered by heating with addition of fresh salt plus calcium metal (Reference D028).

Multiple-Cycle Direct Oxide Reduction (MCDOR) is used to minimize the salt waste. During the MCDOR operation, the molten salt is regenerated by sparging the calcium chloride-calcium Oxide ($CaCl_2$-CaO) mixture with chlorine gas between multiple plutonium metal production runs. After approximately five cycles of metal production, the mixture is cooled and the salt and metal phases are separated. The plutonium metal is sent to casting or electrorefining. Impure plutonium metal is sent to molten salt extraction. Salts and crucibles above the DL are sent to chloride operations or the vault. Salts and crucibles below the DL are sent to solid waste packaging for disposal. Caustic solution from the chlorine off-gas scrubber is sent to chloride operations or the RLWTF (References D011 and D028).

Metal Preparation Line is no longer active, but produced plutonium metal from fluoride salts. Hydrogen fluoride gas was reacted with plutonium oxides obtained from calcination of oxalate or peroxide precipitates from the aqueous nitrate or chloride process lines. The plutonium fluoride was further reacted with calcium metal to produce plutonium metal, which could then be recovered as a small globule, or button, by breaking the crucible. This operation generated only legacy waste (References D011 and D028).

6. Metal purification operations include the following:

MSE is used to separate americium and the more reactive elements such as rare earth elements, alkali metals, and alkaline earth metals from plutonium metal (Reference D048). This operation is employed only if the americium content is greater than 1,000 parts per million (ppm). In the original operation (from 1979 to 1988), magnesium chloride ($MgCl_2$) was added to the impure plutonium metal in a eutectic mixture of sodium chloride (NaCl) and potassium chloride (KCl), contained in a MgO crucible, and heated to 750°C. The $MgCl_2$ oxidized americium to americium chloride although some plutonium was also converted to the chloride salt form. In 1988 and continuing to the present, the MSE operation uses $CaCl_2$, NaCl, KCl, and plutonium chloride ($PuCl_3$) produced by in-situ chlorination in a tantalum or MgO crucible. Ninety percent of the americium and ten percent of the plutonium are transferred from the feed metal to the salt. After cooling, the salt and metal are mechanically separated. The salts and crucibles above the DL are transferred to the vault or chloride operations. Salts and crucibles below the DL are sent to solid waste packaging for disposal. The plutonium metal is sent to electrorefining or metal oxidation. Caustic solution from the chlorine off-gas scrubber is sent to chloride operation or the RLWTF (References D011 and D028).

The *Electrorefining* (ER) operation takes impure metal from the MSE and DOR/MCDOR operations and produces high purity plutonium metal. Impure plutonium is cast as an anode, which is then placed in a MgO crucible with a salt mixture, a metal cathode (typically tungsten), and a seeding reagent that is $MgCl_2$, NaCl, or KCl. After the anode and salt are melted, current is applied to the system, and plutonium at the anode is oxidized to plutonium ions that travel to the cathode and are reduced back to the metal state. Impurities in the original plutonium anode that are more electropositive or have a greater negative free energy of formation than plutonium (including barium and americium) dissolve and remain in the salt, while impurities more electronegative than plutonium (including cadmium, chromium, lead, and silver) remain in the anode. After cooling, the crucible is broken and the residues are physically separated from the high purity product metal. Anode heels were sent to pyroredox from 1984 to 1986. Currently, salts and crucibles above the DL are sent to chloride operations or the vault. Salts and crucibles below the DL are sent to solid waste packaging for disposal. Purified plutonium is sent to casting and the vault. Caustic solution from the chlorine off-gas scrubber is sent to chloride operation or the RLWTF (References D011 and D028).

Ingot Casting is included in the Electrorefining section of pyrochemical operations. Metal is melted in a MgO crucible to cast the ingot (References D011 and D028).

From 1987 to 1989, secondary solvent metals such as cadmium, bismuth, lead, and gallium were added to experimental studies of the ER operation (References D011 and D028).

7. Ancillary metal production operations include the following:

Chloride Operations:
The overall goal of chloride operations is to recover plutonium from scrap and residues and produce a purified plutonium oxide for conversion to metal. The feed sources have included plutonium residues from pyrochemical operations, Pu-Be neutron sources, analytical chemistry laboratory solutions, and residues from other DOE facilities. Chloride operations can be broken down into the following four steps (Reference D007):

- Pretreatment
- Dissolution

- Purification
- Hydroxide precipitation

Pretreatment for chloride operations is discussed in the *Head-end Operations* section of special operations (refer to Section3).

Dissolution uses hydrochloric acid to leach and dissolve plutonium from salts, scrap, crucibles, residues, and various solutions, including solutions from the analytical chemistry laboratory. Enriched solutions undergo further purification and solid wastes are discarded as debris waste or sent to cement fixation in nitrate operations (refer to Section 1) (Reference D007).

Purification includes solvent extraction, ion exchange and oxalate precipitation, depending on the chemical nature of the material to be purified. Ion exchange columns are used to collect plutonium and to separate plutonium from impurities. Enriched solutions may be further treated with oxalic acid to precipitate plutonium oxalate. The resulting plutonium precipitate is sent to nitrate operations to be calcined and eventually to the vault. The liquid solution (filtrate) goes to hydroxide precipitation for further processing. Solid wastes are discarded as debris waste or sent to cement fixation for immobilization. Tetrachloroethylene, which was used in the solvent extraction process until 1992, contaminated the debris waste and the liquid waste absorbed in vermiculite (Reference D007).

Hydroxide Precipitation takes plutonium in filtrate solutions from the purification steps and precipitates it with potassium or sodium hydroxide. Heavy metals are concentrated in the plutonium-rich hydroxide cakes. The sources of heavy metals vary but may include one or more of the following: (a) feed materials that consist of or contain these metals; (b) leaching of chromium from stainless-steel equipment components; or (c) the use of silver salt (until 1994) in the measurement of chloride content. The resulting plutonium-enriched hydroxide cakes may become feed material for nitrate operations, be returned to the dissolution step for re-processing, may be sent to cement fixation for immobilization, or may be discarded as solid waste if they meet the approved DLs. Liquid meeting the TA-50 Waste Acceptance Criteria (WAC) is sent to the TA-50 RLWTF using the caustic waste line (Reference D007).

In *Metal Oxidation* small pieces of metal remaining on furnace or crucible surfaces are collected for conversion to the oxide phase. These metal pieces are placed in a furnace for the conversion process. The oxide is then transferred to the vault (References D011 and D028).

Salt Stripping is no longer an active operation, but the MSE and ER salts were further treated by salt stripping, oxygen sparging or carbonate oxidation, and salt distillation. The salt stripping operation treated the residue by melting and stirring the salt with calcium metal in a MgO crucible at 850°C. This treatment reduced the plutonium in the salt to metal and allowed the metal to coalesce for physical removal and recovery. After cooling, the crucible was broken and the metal physically separated and recycled to the ER operation or burned to oxide and sent back through aqueous recovery. The crucible shards were leached in hydrochloric acid, and then discarded (References D011 and D028).

Oxygen sparging and carbonate oxidation (since 1996) were used to ensure that any plutonium, americium, or metallic sodium or potassium left in the salts was converted to nonpyrophoric oxide forms (References D011 and D028). Vanadium pentoxide was used in place of carbonate to convert metals to oxide as part of the salt stripping operation from February to June 1998.

Wastes that potentially contain residual vanadium pentoxide were, at one time, assigned the EPA HWN P120. However, this assignment has been rescinded (Reference D028).

Salt Distillation is no longer an active process, but allowed for the recovery of plutonium oxide from the chloride salt and produced purified chloride salt for reuse (References D011 and D028).

The *Pyroredox* operation was used to recover plutonium from spent anode heels in the mid- to late 1980s. The anode heel was polished with calcium metal to remove surface oxide, and then oxidized to plutonium (III) with zinc chloride in molten KCl, forming $PuCl_3$. Elements more electropositive than zinc (including barium) were oxidized into the salt phase, and the zinc formed a metal button. The salt was then mixed with calcium metal in $CaCl_2$ to reduce the plutonium to the metal phase, as well as to reduce all elements more electronegative than calcium. The salt phase containing small amounts of the impurity barium was mechanically separated from the metal phase and discarded. The metal phase containing zinc was placed in the vault or further treated, and the plutonium eventually was routed back to ER. This operation generated only legacy waste (References D011 and D028).

The *Metal Coalescence* operation is no longer active. Metal coalescence was used for plutonium turnings to coalesce the turnings into a metal button. Calcium metal and $CaCl_2$ were added to a MgO crucible along with the turnings and melted. Salts and crucibles above the DL were sent to chloride operations for recovery. Salts and crucibles below the DL were sent to solid waste packaging for disposal. Plutonium metal was sent to ER or the vault (References C131, D011, and D028).

The *Neptunium* operation processed neptunium contaminated residues from the vault in 1993. This operation generated only legacy waste (Reference D028).

Plutonium Trichloride Preparation was accomplished by bubbling a carrier gas (such as chlorine) through carbon tetrachloride and passing the mixed gas stream through a bed of plutonium oxide at 500–600°C before being absorbed in a 5–6 molar potassium hydroxide solution. In this operation (January 1987–June 1989) the carbon tetrachloride was broken down into phosgene, carbon monoxide, and carbon dioxide gases. In June 1989 the operation switched to the use of phosgene gas as the carrier gas until the operation ended in May 1991. Feed material was high purity oxides from the vault or from other P/S Codes. The product plutonium trichloride was reduced to metal by the MSE or ER operations. This operation only generated legacy waste (Reference D028).

8. Pu-238 Operations

Heat Source Fabrication:
As described in Section 1, Pu-238 heat sources fabricated at TA-55 included the General Purpose Heat Source (GPHS), Light Weight Radioisotope Heater Unit (LWRHU), and Milliwatt Generator (MWG) sources. Current heat source production involves fuel fabrication and scrap and process residues processing. The primary P/S Code associated with heat source fabrication operations described in this section is P1 (routine Pu-238 heat source). Pellet production and welding and decontamination operations were also part of heat source fabrication but they are no longer active (References C198 and C220).

Fuel Fabrication:
The source of all feed material for Pu-238 fuel fabrication is oxide, originating directly or indirectly from the Savannah River Site (SRS) K Reactor. The feed material selected for fabrication is weighed then prepared using splitting, ball milling, slugging and screening, and granule seasoning. The material also undergoes oxygen isotopic exchange, involving the replacement of oxygen-17 and oxygen-18 with oxygen-16 by heating the feed material in a furnace (750°C). In GPHS processing prior to its inactivation and LWRHU processing, oxygen exchange is followed by heating to 1,000°C to release alpha-decay helium from the plutonium oxide crystal structure. The fuels are further heated or "seasoned" at temperatures ranging from 1,100 to 1,600°C and the resulting oxides are sent to be hot pressed into fuel pellets (References C192, C194, C212, C220, D080, and M285).

During the fuel fabrication process, analytical samples are frequently required for both Pu-238 oxide feed material and product specimens either to characterize the material or to determine whether the material meets current production specifications. The primary sampling capsules containing the oxide samples are cleaned in an ultrasonic bath with ethanol and allowed to air-dry before being placed into a secondary plastic container. Sampling tools are wiped down with cheesecloth containing ethanol
(References C195 and P180).

The oxide samples are taken to perform particle size analysis. Ethylene glycol is used to suspend the Pu-238 oxide powder in a disposable polystyrene cuvette. The cuvette is sealed with a polystyrene cap coated with Duco cement. After the glue has set, the cuvette is ultrasonically cleaned in a water bath containing a high-purity soap (e.g., Alconox), is cleaned a second time in a bath of distilled water, and is wiped down with a cheesecloth pad soaked in Fantastik (nonhazardous) cleaning solution. The cuvette is then transferred to another hood for final decontamination with Fantastik-soaked cheesecloth. This process of cleaning and transferring the cuvette occurred up to 1994. From early 1994 onward, the water bath does not contain soap and Fantastik is not used because all work is performed in the same glovebox line and there is no need to decontaminate the cuvette. Before 1994, if the water was radioactively contaminated, it was discarded to the TA-50 RLWTF. Since 1994, the water has been evaporated (References C197 and M286).

Upon completion of the analysis, the ethylene glycol containing the Pu-238 oxide is poured through a coarse sieve and collected in a polyethylene bottle. When 200 - 500 milliliters of ethylene glycol has accumulated in the bottle, the contents are poured through a filter. The residue and filter paper are allowed to dry and are sent to a plutonium recovery process. The contaminated ethylene glycol is collected until a sufficient amount is available to discard, and then it is poured onto a bed of vermiculite for absorption (References C194 and M286).

The *Scrap and Process Residues Processing* operation receives materials from the vault and various other operations, such as fuel fabrication, pellet production, calorimetry, and metallography. This is a physical process consisting of weighing, sorting, segregating, and loading into a shipping container. The product from this process either goes to the vault or feeds into calorimetry operations (References D080 and M285).

The *Metallography* process began in 1992 and is still active. It receives feed material from P/S Code P1 operations in the form of Pu-238 oxide fuel recovered from encapsulated heat sources, impacted heat sources, fuel pellets, or other sources. The metallography process is a physical process involving cutting, mounting, grinding, polishing, photography, and etching of Pu-238 fuel specimens (References C194 and M287).

An epoxy-based mounting resin, hardener, and mount filler is used to mount the Pu-238 oxide. The epoxy resin, hardener, and mount filler consist of diethylenetriamine, Epon Resin 8132 (nonhazardous), and a Citofix/Durofix liquid (nonhazardous). Epon Resin 8132 is a liquid that polymerizes when mixed with an amine (e.g., diethylenetriamine). The Citofix/Durofix liquid is also a polymer. One end of a phenolic ring is covered with aluminum tape. The Pu-238 oxide sample is placed in the center of the interior surface of the tape. The mixture of epoxy resin, hardener, and filler is poured into the mount ring. The mounted sample is placed in a small aluminum film can, which is placed in a pressure bomb. The bomb is pressurized for a minimum of ten hours, vented, and the sample is removed. The mounted Pu-238 oxide sample then undergoes grinding and polishing (References C197 and P181).

Manual grinding and polishing involves moving the mounted sample across wet silicon carbide grinding papers of varying grits that are laid over a glass plate. Between each grinding step and after the last grinding step, the sample is ultrasonically cleaned in distilled water. The mounted sample is polished using aqueous suspensions of aluminum oxide or diamond powder. After polishing, the sample is cleaned in distilled water. Automated grinding and polishing involves using programmable equipment. The grinding process uses a metal or cloth plate that has been coated with an abrasive slurry. This process also involves cleaning the polished sample in distilled water (Reference P181).

Whenever there is a requirement to examine and/or document the Pu-238 oxide grain boundaries, the surface of the polished sample is etched using a solution consisting of hydrobromic, hydrochloric, and hydrofluoric acids. The sample is rinsed with distilled water and allowed to dry (Reference P181).

Residues from the metallography process feed into the P/S Code P1 process. Before 1994, the Pu-238 oxide was physically removed from the plastic mount (no solvent or chemical was used), and the mount was bagged out with other plastic debris. The Pu-238 oxide sample removed from the mount was sent to the P1 scrap and process residue processing operation for plutonium recovery. However, since 1994, the Pu-238 oxide has been left on the mount and archived (stored) in the glovebox line (References C197 and M287).

The waste generated from the metallography process includes aluminum tape, grinding papers and polishing cloths, aqueous abrasive slurries, acid etching solutions, and aqueous washing and cleaning solutions. The grinding papers and polishing cloths are dried and discarded as debris waste, as is the aluminum tape. The aqueous abrasive slurries are feed material for the Pu-238 waste solidification process. Any etching solution remaining on the Pu-238 oxide sample is rinsed off using distilled water and is collected with the aqueous wash solutions. These solutions are also sent to the waste solidification process (Reference P181).

The *Routine Pu-238 Waste Solidification* process of precipitating Pu-238 in waste solutions (P/S R8) has been conducted since 1979 and is still active. The feed material for this process comes from analytical operations, Pu-238 heat source fabrication operations, metallography operations, and other LANL groups. The feed solutions are strongly acidic, contain heavy metals, and have Pu-238 concentrations that are orders of magnitude above the DL for radioactive waste solutions. The solidification process uses sodium hydroxide, ferric nitrate, and phenolphthalein in ethanol to precipitate the Pu-238 (References C194, C196, M293, and P182).

Ferric nitrate solids are dissolved into the feed solutions to act as a flocculent. Concentrated sodium hydroxide solution is then added to convert the acidic solutions into caustic solutions, and cause the ferric ions and the Pu-238 ions in the solutions to co-precipitate as hydroxides. Phenolphthalein solution is used to indicate when the solution is basic. After sedimentation and vacuum filtration, the liquid portion (filtrate) is sampled and alpha-assayed to determine the residual Pu-238 concentration. The sludge is heated (calcined) to oxidize the hydroxides for disposal. This procedure is repeated as necessary for the filtrate until the Pu-238 concentration in the filtrate is below the DL (References P155 and P182).

The waste generated by this process consists of calcined ferric oxide solids containing Pu-238, a caustic solution containing Pu-238 below the DL, and solid debris. The oxide solids are sent to the vault or disposed as waste, depending on the Pu-238 concentration. Waste containers that are predominantly debris may contain small quantities of the oxide solids. The caustic solution is discarded into the caustic drain to the pretreatment plant at the RLWTF (TA-50, Building 1, Room 60) (References P155 and P182).

Aqueous Scrap Processing involves the purification of Pu-238 oxide in a nitric acid stream, similar to the recovery operations already established for Pu-239 as part of TA-55 nitrate operations (Reference C210).

During comminution, the weighed Pu-238 solid is ground to a particle size less than five microns. After the comminution, all or a portion of the ground material is put into a dissolution vessel. The Pu-238 solid is dissolved in a mixture of refluxing concentrated nitric acid and hydrofluoric acid for up to eight hours. After dissolution is performed, the Pu-238-rich solution is filtered through a five micron Teflon membrane. A portion of the filtrate may be processed through ion exchange, or the entire filtrate may be treated for oxalate precipitation (References C210 and D080).

Oxalate precipitation involves an acid adjustment of the filtrate with nitric acid while the solution is continuously stirred using the mechanical stir bar. Urea is added to scavenge nitrite salt that could interfere with further chemical pretreatment. Hydroxylamine nitrate is added to adjust the valence of the plutonium to (III). Oxalic acid is added to form a plutonium-oxalate precipitate. The precipitate is filtered, and calcination converts the Pu-238 oxalate to Pu-238 oxide product. The solid product is cooled, weighed, and stored (Reference D080).

The dissolution Pu-238 filtrate destined for ion exchange may undergo an aluminum nitrate treatment. The dissolution Pu-238-filtrate is added to aluminum nitrate dissolved in dilute nitric acid, followed by a filtration step to collect any formed solids (typically, the aluminum nitrate treatment is not performed). The filtrate then undergoes a pretreatment involving urea, sodium nitrite, and ferric salt prior to ion exchange. The plutonium-rich eluate is collected and undergoes oxalate precipitation as described above. The plutonium-lean effluent, which contains impurity metal ions, as well as the aluminum from the aluminum nitrate treatment, is neutralized to pH 10-12 with sodium hydroxide. Under these neutralization conditions, the majority of the impurity ions and Pu-238 (not precipitated as an oxalate precipitate) will precipitate as metal hydroxides (References C210, C213, D079, and D080).

The hydroxide precipitate is calcined then stored, and the hydroxide filtrate is sampled to determine the radioactivity level. Waste containers that are predominantly debris may contain small quantities of the metal hydroxides. If above the DL, the hydroxide filtrates are transferred to the residue solidification process. In this process, soluble Pu-238 is recovered with ferric nitrate and sodium hydroxide, and the filtrate resulting from the solidification process is sent to

the TA-50 RLWTF through the caustic waste line. The Pu-238 in the hydroxide filtrates can also be recovered by an ultrafiltration/polymer filtration process operated by NMT-11 personnel. The Pu-238 oxide product is sent to P/S Code P1. The hydroxide cakes are stored either in the vault or in the glovebox line under P/S Codes MM for disposal or ASP for recovery (References C210 and D080).

Induction Heating and Levitation is a technique used to achieve minimal contamination of conductive material. This technique uses Pu-238 metal from various operations and produces small quantities of uncontaminated metal by suspending and then melting the material inside of an induction coil with induction heating. Once the material has melted, the power is shut off, and the molten mass can be dropped or forced into a mold for forming. This process was designed to drive off impurities from the metal by melting it in a vacuum and not reintroducing impurities from a container during the time the material is in the molten state. The purified Pu-238 metal is sent to the vault (References C220 and M306).

Pu-238 Direct Oxide Reduction was an activity that was performed in October 1998 and October 1999 to produce Pu-238 metal for the accelerated plutonium aging program. There are no current plans to perform this operation again, but the code is still active. In this process, plutonium oxide and calcium metal are reacted in molten calcium chloride to produce plutonium metal. The reaction is conducted in a MgO crucible at 820° to 875°C. The reaction proceeds to completion when excess calcium is present and when sufficient calcium chloride is available to dissolve the calcium oxide product. After cooling, a plutonium metal button is removed by breaking the crucible. The salts are exposed to air to oxidize pyrophoric metals that might be present. The salt is then either routed through aqueous recovery operations to recover the plutonium or discarded as waste with the crucible pieces. The plutonium button is sent to the vault (References C211, C221, D080, and P189).

Traditionally, the *Thermal Decomposition of Cellulose* process incinerated organic-based materials contaminated with plutonium to ash to reduce the volume of waste generated or to recover the plutonium using a nitrate dissolution process. Due to increasingly stringent regulations governing the combustion products associated with incineration, the incinerator process was modified to thermally decompose organic-based materials in an argon atmosphere in 1995. The thermal decomposition unit is also referenced in nitrate operations. It consists of a pyrolysis or passivation chamber, a caustic scrubber (potassium hydroxide) unit, and vacuum system. Organic-based materials designated for passivation have been limited to rags (cheesecloth) contaminated with nitric acid solution (References C200, D071, M299, and P156).

During processing, oil contaminated rags are separated from nitrated rags. The nitrated rags are moistened with water to reduce reactivity and excess water is removed using a filtration screen. The rags are then combined, placed in a furnace can, and reduced to ash in an argon atmosphere in the furnace. The ash, rinse water, filter residues, and caustic solution are further processed to recover the plutonium, if these materials are determined to exceed the DL. These materials are sent for disposal, if below the DL. Liquid waste below the DL is sent to the RLWTF at TA-50 (References C200, D071, M299 and P156).

The *Routine Scrap Processing*, which operated from 1988 to 1996, received Pu-238 feed materials (Pu-238 oxide) from calorimetry operations, heat source operations (P/S Codes P1 and GPHS), and the vault. The scrap processing operation involved opening, weighing, sorting, and segregating the Pu-238 oxide that arrived in a stainless-steel inner shipping container (EP-60). The Pu-238 oxide was then transferred into an outer shipping container (EP-61) and sent to the calorimetry process, and then to the vault (References C194, M288, and M289).

The *Recovery of Pu-238 Oxide from Contaminated Iridium* process occurred from 1990 to 1992. The feed material for this process came from metal items in the iridium inventory in PF-4 or in the CMR Facility at TA-3. This process used both molten magnesium chloride and electrochemical dissolution to remove Pu-238 from iridium (References M290 and M291).

The first step in this process involved immersing the Pu-238 oxide-contaminated iridium metal in molten magnesium chloride. The magnesium chloride was melted in a MgO crucible. The same salt was used for subsequent runs until it had lost its effectiveness. The iridium shells were placed into a tantalum basket and immersed in the molten salt. At the end of the treatment, the iridium metal was removed from the salt and the salt coating on the metal was removed with a water wash. This water wash was sent to the Pu-238 solidification process. The spent salt and crucibles were bagged out and assayed before being discarded as Pu-238 contaminated TRU solid waste. The iridium metal was sent to the vault unless additional treatment was necessary (References C194 and C197).

If further treatment was required, the iridium metal underwent electrochemical dissolution. The electrolyte solution consisted of a dilute mineral acid (nitric acid, hydrochloric acid, or sulfuric acid) with optional salt. The iridium metal was immersed in the solution, and a current was passed between the iridium metal and a graphite reference electrode. At the end of the run, the iridium metal was washed with water and allowed to dry. The clean iridium metal was sent to the vault. The spent electrolyte solution, which was acidic and contaminated with small amounts of iridium and Pu-238, and the water wash were sent to the Pu-238 solidification process (References C197, M290, and M292).

The *Recovery of Pu-238 from Sucrose Solutions* occurred from 1979 to 1988. The feed material for this process consisted of a 35 percent sucrose solution composed of sodium pyrophosphate, water, and sucrose. Sucrose solutions were used as a dispersive medium in particle size analysis of Pu-238 oxide; therefore, the feed solutions contained recoverable amounts of Pu-238 oxide (References D080 and M294).

The Pu-238 was recovered from these sucrose suspensions by filtering out the Pu-238 oxide in a ceramic filter boat and evaporating the solution to dryness over low heat. The Pu-238 oxide residue was scraped off the filter paper and calcined, then sent off-site for reprocessing. The residue from the evaporated solution was calcined and sent for discard if the Pu-238 content was below the DL (References D080 and M294).

The *Pellet Production* process is no longer active. The original feed material for the pellet production process consisted of Pu-238 oxide from fuel fabrication. This material underwent the physical operations of screening and weighing, die loading, hot pressing, sintering, and dimensioning. The product was sent to the vault and any residues were sent to the scrap and process residues processing operation (References C220, D074, D080, and M285).

The *Welding and Decontamination* process is no longer active. Heat source capsules were welded and a solution of nitric and hydrofluoric acid was used for decontaminating the fuel clads. The clad heat sources were immersed in the solution a minimum of three times to allow the acids to dissolve any plutonium oxide particles on the clad surface. Each time, the heat sources were removed from the acid solution and placed on a rag dampened with water. A rubbing action removed contamination while the heat of the source caused the acid solution and water on the rag to evaporate at a fairly rapid rate. The TRU acid solutions generated by the decontamination steps were neutralized to precipitate plutonium, and the filtrate was discarded into the caustic waste line to the RLWTF at TA-50. The plutonium precipitate was discarded if it

met the DL. The only other process chemical, UCAR C-34, was an epoxy for sealing the graphite aeroshell of the LWRHU heat source assembly. The epoxy was not RCRA-regulated (References C220, D080, and M284).

The *Material Reclamation* process is no longer active. The process was used to remove specially identified Pu-238/beryllium (Be) neutron source material from its packaging and place it into packaging authorized for shipment to the Waste Isolation Pilot Plant (WIPP). Waste disposal was chosen over reclaiming the source material because there was no capability for purifying and reclaiming the Pu-238. This process involved the disassembly of source materials retrieved from the vault, crushing and sieving the source material, and packaging the products and byproducts as waste. The original packaging was also disposed of as waste (References C156, D060, and P170).

9. Facility and Equipment Maintenance Operations

Facility and equipment maintenance operations conducted in TA-55 involve cleaning and decontamination, equipment inspection and replacement, modification and repair of facilities, and general housekeeping. Cleaning and decontamination operations include physical wiping and the use of cleaning solutions (e.g., Fantastik, water) to remove potential contamination and to restore work areas and equipment to their original condition. Paper, plastic, and rags with a cleaning solution are used to remove or contain the spread of contamination. Equipment inspection, calibration, and replacement operations are performed to ensure continued operability and process efficiency. Solid wastes generated from these operations may include paper and plastic wastes, glass, small equipment (e.g., labware, motors, pumps), and small tools. Modification of facilities include plumbing, electrical fixtures and equipment installation; and installation or removal of gloveboxes, ventilation ductwork, and windows. General housekeeping includes cleaning, repair, and organization of the facility/infrastructure. Solid wastes generated from these operations may include HEPA filters, glass, glovebox gloves, paper, plastic, and rags. Solid waste generated from these operations is disposed of as TRU or LLW waste. General facility maintenance solutions (e.g., wet vacuum water, mop water) are sent to the evaporator or the RLWTF (References D002, D008, D009, D011, D013, D014, D017, D023, D024, D026, D032, D045, M011, P001, P102, and P155).

10. Decontamination and Decommissioning (D&D) Operations

D&D operations are commonly performed at PF-4 in TA-55 to reduce the amount of floor space posted as radiological controlled areas and to support upgrades to existing facilities and equipment. These efforts assist in contamination control and result in a decrease in the amount of radiological waste generated at TA-55. These radiological controlled areas house the equipment and material used to perform the above listed operations and the waste generated during D&D operations contain the same chemical and radiological contaminants. No hazardous chemicals are added to the waste during the D&D operations. Commercially available, non-hazardous cleaning products, such as Fantastik, are used to remove loose contaminants. The goal of the D&D is to reduce the amount of TRU waste generated as much as possible through decontamination and size reduction (References D002, D013, D014, D026, D034, and D041).

Decontamination operations are used to accomplish several goals, such as reducing occupational exposures, limiting potential releases of radioactive materials, permitting the reuse of components, and reducing the amount of TRU waste generated. Decontamination operations included the use of mechanical and chemical cleaning techniques such as brushing,

stripping, washing, and wiping to remove contamination. In addition, physical isolation and draining of equipment are performed when necessary. Based on the radiological contamination, drained liquids are either further treated or solidified. Decommissioning operations included the physical removal of contaminated gloveboxes, equipment, machinery, furnishings, and support systems. This included the removal and size reduction of glovebox internals, process piping and supports, tanks and ancillary equipment, and other fixed equipment such as ducting, wires, conduits, electrical panels, and cabinets. Gloveboxes and equipment are size reduced as necessary and packaged for disposal. Size reduction operations are sometimes performed in other facilities as discussed in the repackaging and prohibited item disposition section. Secondary waste such as combustibles, metal, and plastic generated during D&D is expected to be part of the waste. D&D operations also included the removal of stored radiological and hazardous materials and other related actions (References D002, D013, D014, D026, D034, and D041).

Waste Stream Material and Chemical Inputs

The following table identifies the Resource Conservation and Recovery Act (RCRA) toxicity characteristic and listed constituents identified in this waste stream.

Toxicity Characteristic and Listed Constituents in Waste Stream LA-MHD01.001

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
1,1,1-Trichloroethane	Metallographic sample cleaning (<1992) and contaminant of hydroxide solids. Degreasing solvent and component of Tap Magic.	C019, C020, C089, C194, C195, M154, M160	F001, F002
Arsenic	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions. Evaporator sludge contaminant and sputter coating reagent.	C010, C196, C197, C207, D078, D080, M153	D004
Barium	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, pyrochemical salts, and analytical solutions.	C038, C087, C192, C197, D075, D078, D080, M153	D005
Benzene	Cement fixation input and actinide chemistry R&D operations reagent.	C027, D009, D032, D077P080, P081,	D018, F005,
Cadmium	Contaminant of plutonium feed, hydroxide cake, anode heels, ash, actinide separation waste, and analytical solutions. Solvent metal used in electrorefining.	C038, C039, C192, C196, C197, C200, D073, D075, D076, D080, M061, M153	D006
Carbon tetrachloride	Contaminant of cement fixation process and hydroxide solids. Used in PTP between 1/87 and 6/89. Chlorination of plutonium oxide and CLS reagent (CCl4, normal butanol, acetone, methanol, tetrachloroethylene, xylene, methylene chloride, chloroform, or chlorobenzene).	C092, C121, C194, C200, D078, M112, M129, P067	D019, F001
Chlorobenzene	Contaminant of cement fixation process and hydroxide solids. CLS reagent.	C092, C095, C200, D007, D077, D078	D021, F002

Toxicity Characteristic and Listed Constituents in Waste Stream LA-MHD01.001

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Chloroform	Contaminant of cement fixation and miscellaneous processing (P/S XO/X0). CLS reagent.	C027, C092, C102, C117, C194, D077, D078	D022
Chromium	Contaminant of plutonium feed, anode heels, hydroxide cake, ash, actinide separation waste, and analytical solutions. Potentially leached from stainless-steel materials.	C038, C039, C192, C196, C197, C200, C205, D073, D074, D075, D078, D080, M061, M153	D007
Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane)	Miscellaneous processing contaminant and recovery operations reagent. Cleaning, cooling, and ultrasonic degreasing operations solvent.	C011, C017, C019, C085, C102, C104, C105, D029, D077 M026, M032, M041, M123, M212, P044, P046, P049	F001, F002
Lead	Leaded gloves (<1992), shielding, sheeting, and discs. Contaminant of actinide separation waste, analytical solutions, ash, hydroxide cake, plutonium feed, and solder. Solvent metal used in electrorefining.	C039, C041, C192, C196, C197, C200, D002, D011, D073, D074, D075, D076, D078, D080, M061, M153, P183, P186	D008
Lead hydroxide, oxide, and nitrate	Actinide R&D reagents.	D032, M050	D008
Mercuric nitrate	Catalyst used in nitrate operations.	M064, D078	D009
Mercury	Contaminant of actinide separation waste, analytical solutions, ash, evaporator sludge, hydroxide cake, and plutonium feed. Component of fluorescent bulbs.	C023, C095, C176, C196, C197, C200, C207, D029, D078, D080, M153, P109	D009
Methylene chloride	Paint stripper, contaminant of cement fixation, hydroxide cake, and miscellaneous processing (P/S XO/X0). CLS and organoactinide R&D reagent. Component of REZ-N-Bond.	C027, C092, C200, C214, D007, D032, D077, D078, M174, P080	F001, F002
Methyl ethyl ketone	Degreasing solvent. Detected in headspace gas of Pu-238 waste.	D032, D076, D077	D035, F005
Potassium chromate	Dissolution and chloride anion exchange reagent.	C098, M131, M185	D007
Potassium dichromate	Silver nitrate titrations and hydroxide precipitation reagent.	C082, D002, D007, D032, M076	D007
Pyridine	Uranium triiodide reagent, R&D solvent, and contaminate in cement fixation process.	D077, P080	D038, F005
REZ-N-Bond	Solvent bonding (contains methylene chloride).	M154, M174	F002
Selenium	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions.	C196, C197, C207, D045, D080, M153	D010

Toxicity Characteristic and Listed Constituents in Waste Stream LA-MHD01.001

Chemical/Product	Use/Source	Document Source(s)	EPA HWN(s)
Silver	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, cement fixation inputs, and laboratory reagent.	C027, C038, C039, C192, C196, C197, C207, D075, D078, D080, M086, M153	D011
Silver nitrate	Leaching, solvent extraction, and laboratory reagent.	D007, C200, D078, M054, M080, M086, M093, M131	D011
Sodium chromate	Plutonium dissolution and precipitation.	D078, P103	D007
Tap Magic	Machining coolant (contains 1,1,1-trichloroethane).	C009, C019, C020, M154	F002
Tetrachloroethylene	Degreasing, cleaning solvent, diluent, contaminant of cement fixation process and hydroxide solids. CLS reagent.	C092, C200, D007, D032, D078, P067	D039, F001, F002
Toluene	Actinide and organoactinide R&D reagent. Detected in headspace gas of Pu-238 waste.	C027, D032, D076, P080,	F005
Trichloroethylene	Clean and polish machined parts. Miscellaneous process and hydroxide cake contaminant. Hydrothermal processing and solvent extraction reagent.	C009, C019, C035, C102, C200, D077, D081, M223, P071, P085	D040, F001, F002

RCRA Determinations

Historical Waste Management

Waste stream LA-MHD01.001 has historically been managed in accordance with the generator site requirements and in compliance with the requirements of the New Mexico Environmental Department. Based on historical waste management and LANL's TRU Program (reference LANL waste streams LA-TA-55-19, LA-TA-55-30, LA-MHD02-238, and LA-MHD03-DD), the containers in this waste stream were managed as hazardous and assigned EPA HWNs for arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), trichloroethylene (D040), and F-listed solvents (F001, F002, F003, and F005). A review of available AK documentation has determined that this waste is hazardous for the above constituents, and with the exception of F003, the HWNs were retained because this waste was previously shipped under an approved LANL profile. HWN F003 was not assigned because the waste stream does not exhibit the characteristic of ignitability. It should be noted that this waste stream also includes a small fraction of waste that LANL characterized as nonhazardous (reference LANL waste streams LA-NCD01, LA-NHD01, and LA-NHD02-238). Supplemental information collected and Central Characterization Program (CCP) characterization results of LANL generated nonhazardous containers determined that this waste is hazardous. The following sections describe the characterization rationale for the assignment of EPA HWNs. The table above, Toxicity Characteristic and Listed Constituents in Waste Stream LA-MHD01.001,

summarizes the EPA HWNs assigned to this waste stream. The HWN assignments have been applied on a waste stream basis; individual containers may not contain all of the hazardous materials listed for the waste stream as a whole (Reference C121, C147, D026, D083, and M310).

Hazardous Waste Determinations

Ignitability, Corrosivity, Reactivity

The debris material in waste stream LA-MHD01.001 does not meet the definition of ignitability as defined in 40 CFR 261.21. Ignitable chemicals (e.g., acetone, hexane) are used or present in the facility and operations potentially contaminating this waste stream. However, D001 (ignitability) does not apply because: (a) the solid waste is not liquid, and verification that there are no prohibited liquids in the debris waste is performed prior to certification; (b) the solid waste does not spontaneously ignite at standard pressure and temperature through friction, absorption of moisture, or spontaneous chemical changes; (c) the solid waste is not an ignitable compressed gas; and (d) there are no oxidizers present that can stimulate combustion. Prior to 1992, some nitrate salts below the DL were not sent to cement fixation for immobilization but were packaged as waste. LANL has determined that these salts do not meet the definition of a DOT oxidizer (i.e., they would not stimulate combustion). However, the salts are being remediated/repackaged in the WCRR Facility with an inert absorbent material (e.g., zeolite, kitty litter). The minimum zeolite or kitty litter to nitrate salts mixture ratio is 1.5 to 1. LANL has determined that nitrate salts, when mixed with zeolite or kitty litter, would further support the managing of the waste as non-ignitable. This determination is based on the results of oxidizing solids testing performed by the Energetic Materials Research and Testing Center. The materials in the waste stream are therefore not ignitable wastes (D001) (References C121, C147, C201, C203, C230, C231, D083, D084, D089, D090, D091, P187, and P198).

The debris material in waste stream LA-MHD01.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22. Corrosive chemicals (e.g., hydrofluoric acid, nitric acid, potassium hydroxide, sodium hydroxide) are used or present in the facility and operations potentially contaminating this waste stream. However, D002 (corrosivity) does not apply because the solid waste is not a liquid, and verification that there are no prohibited liquids in the debris waste is performed prior to certification. The materials in the waste stream are therefore not corrosive wastes (D002) (References C121, C147, C194, C200, D071, P181, P182, and P190).

The debris material in waste stream LA-MHD01.001 does not meet the definition of reactivity as defined in 40 CFR 261.23. Reactive chemicals (e.g., perchloric acid, sodium metal) are used or present in the facility and operations potentially contaminating this waste stream. However, D003 (reactivity) does not apply because the solid waste is stable and will not undergo violent chemical change without detonating. The waste will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The waste does not contain reactive cyanide or sulfide compounds. There is no indication that the waste contains explosive materials, and it is not capable of detonation or explosive reaction. The materials in the waste stream are therefore not reactive wastes (D003) (References C121, C147, C201, and C202).

Controls have also been in place to ensure the exclusion of ignitable, corrosive, and reactive constituents. The associated EPA HWNs do not apply to wastes in this waste stream for the following reasons (References D025, D037, D049, D083, P090, P091, P096, P097, P102, and P165):

- Liquids were prohibited from solid waste streams at LANL when the Plutonium Recovery Facility opened in January 1979. A waste management procedure written to cover operations at the new facility, TA-55 Standard Operating Procedure (SOP) stated that "Liquids are not permitted in any container of solid waste materials." Currently, TA-55 Waste Management, requires that no liquids be disposed of as a solid waste unless the liquid has been absorbed into some media (like vermiculite) that does not carry a D001 code.

- Chemical Waste Disposal Requests, introduced in June 1980, included check boxes that the waste generator was required to check if the waste contained corrosive acids or bases, or pyrophoric, flammable, corrosive, explosive, toxic, carcinogenic or highly reactive materials. The Certification Plan and related Generator Attachments were implemented in 1987. Waste generators are required to sign a statement on the Waste Origination and Disposition Form (WODF) documenting that the waste contains "no free liquids, pyrophorics, explosives, compressed gases, powders or materials other than the indicated matrix." Checkboxes are also present for indicating the presence or absence of corrosive chemicals. Full implementation of this generator statement occurred in May 1987.

- Waste management inspectors perform visual verification of the waste prior to its initial packaging, thus allowing the inspectors to verify the generator's WODF statement.

- In addition to the above-mentioned prohibitions on explosives in waste, explosives were altogether prohibited until installation of the Impact Test Facility in the early 1990s. In case of a misfire or unconsumed explosives, a procedure is in place to ensure that explosives do not enter the waste stream.

- The Waste Profile Request Form (WPRF), which has been in use at LANL since 1991, includes a statement which is authenticated by the waste generator, that the waste is not ignitable, reactive, or corrosive.

- The Generator Attachments to the Certification Plan were updated in 1995, but the prohibition on liquids in the waste, and the waste management inspection, remained in effect.

- The LANL Project 2010 Certification Plan, and TRU Waste Interface Documents (TWIDs) prohibit liquids in waste and the absence of liquids is verified by LANL waste management.

- Solutions containing spent non-halogenated solvents are sent to the RLWTF if they are below the DL for plutonium.

- If above the DL, the solutions are sent to aqueous recovery as part of chloride or nitrate operations. Aqueous recovery steps include dissolution of any solid plutonium in hydrochloric or nitric acid, followed by plutonium recovery by ion exchange. The solutions are then below the DL and are either sent to the RLWTF or to the evaporator.

- Rags that are above the DL for plutonium are thermally decomposed, which destroys any organic component.
- Rags that are below the DL for plutonium are discarded as combustible debris, but headspace gas analyses support the contention that the solvents are below the limits established by the WIPP-WAC.

The absence of these prohibited items is verified through Real-Time Radiography (RTR) and/or Visual Examination (VE) of each waste container. Any prohibited liquids are absorbed and discarded in an appropriate waste stream and containerized gases that are found to be present are removed before waste certification (Reference D083).

Toxicity Characteristic

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the waste, LA-MHD01.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24. Where a constituent is identified and there is no quantitative data available to demonstrate at the time of waste generation that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to the waste stream. The AK also identified the potential presence of organic toxicity characteristic compounds that are assigned the more specific F-listed EPA HWNs. Although these organic characteristic compounds are covered by the assignment of the F-listed EPA HWNs, the toxicity characteristic EPA HWNs are also assigned to the waste stream for consistency with historical site waste coding. Waste stream LA-MHD01.001 is assigned the following HWNs: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040 (References C121, C173, and D083).

Listed Waste

F-Listed Waste

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the debris waste, LA-MHD01.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 CFR 261.31. F001, F002, F003, and F005 listed solvents are utilized and potentially contaminate the waste. F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, and xylene, are listed solely because these solvents are ignitable in the liquid form. The waste stream does not exhibit the characteristic of ignitability and therefore F003 is not assigned. The waste stream is assigned F-listed EPA HWNs F001, F002, and F005 (References C121, C173, and D083).

K-Listed Waste

The material in this waste stream is not hazardous from specific sources since it is not generated from any of the processes listed in 40 CFR 261.32.

P- and U-Listed Wastes

At one time, HWN P120 was applied to certain drums generated in 1998 because of the temporary use of vanadium pentoxide for about six months in that year. Based upon investigation into the way the material was handled, this code is not assigned to this waste

stream. A P120 assignment would be used only if waste resulted from spillage of this material or from disposal of un-reacted/unspent material. No un-reacted/unspent material was disposed of in TRU waste drums. In addition, no significant spill of this material occurred. If a spill had occurred, suitable records would exist (e.g., incident reports, waste profile forms). The absence of such documentation, coupled with information obtained through interviews of people who worked with the material, indicates that a P120 assignment is not necessary (References C061, C147, M284, and M310).

Beryllium may be present in the waste stream, but does not meet the definition of a P015-listed waste. Available AK did not identify the use of beryllium powder as a constituent in this waste stream. During processing within P/S Codes PU and PUB, beryllium from Pu-Be sources is dissolved with the plutonium in acid, and after dissolution, the beryllium is either precipitated or in the contaminated solution is sent to the RLWTF at TA-50. The precipitate is not included in this waste stream. In some cases, Beryllium turnings are generated during machining operations. However, these turnings are a very low fraction of metal waste that is discarded. The material reclamation process identifies the processing and packaging of Pu-238/beryllium neutron source material. The amount of beryllium material was estimated at approximately two grams per neutron source prior to processing. Based on the description of the process, the beryllium contamination present in the final waste form is expected to be minimal. However, beryllium from metal operations may be present in this waste stream. Containers from these operations that contain greater than one weight percent beryllium will be appropriately identified (References C121, C122, C147, C156, M283, and M310).

Waste stream LA-MHD01.001 does not contain and is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof. Constituents identified were further researched and a determination was made that waste does not meet the definition of a listed waste in 40 CFR 261.33. Therefore, this waste stream is not a P-, or U-listed waste stream (References C121 and C147).

Polychlorinated Biphenyls (PCBs)

No sources of PCBs are introduced into waste stream LA-MHD01.001. All transformers known to contain PCBs have been tracked from initiation of recovery operations. When any transformer oil is drained, the oil is handled by a subcontractor who is wholly responsible for its disposal; this oil does not enter the LANL disposal operations. Suspect PCB fluorescent light ballasts occasionally found in heterogeneous debris would not be present in this waste stream. Therefore, this waste stream is not regulated as a Toxic Substances Control Act waste under 40 CFR 761 (References C096, C173, C201, D080, D083, P012, and P162).

Prohibited Items

- Compressed Gases, Liquids, Nonradionuclide Pyrophorics, Sealed Containers > Four Liters In Volume, >1 Percent Radionuclide Pyrophorics, and >200 mrem/hr Waste

Most gases used at the PF-4 are stored outside the building and the gas is plumbed into the glovebox from outside the building (Reference C098). Occasionally, a lecture bottle is used for an operation inside the building, but these bottles are kept outside of the glovebox with the gas plumbed into the glovebox. Consequently, compressed gas cylinders or containers are not expected to be in any of the TRU waste streams (References C223 and D025).

Spray cans, especially WD-40, were in common use in gloveboxes until May 1992 (Reference C081). These were routinely discarded as noncombustible debris waste. From 1988 until May 1992, the protocol was to vent or puncture the spray cans inside the glovebox; venting was indicated by inserting a metal wire into the valve. After May 1992, spray cans are no longer used in gloveboxes (References C201, C206, D025, and D083).

Procedures for oxygen sparging and/or carbonate oxidation have been in use since May 1987 to ensure that potential pyrophorics associated with pyrochemical salt waste are oxidized. In addition, screening tests on similar pyrochemical salts and residues (which contained higher amounts of plutonium) at the former Rocky Flats Environmental Technology Site showed (1) no autoignition, (2) no spontaneous combustion, and (3) no sparking. Experimental results on the reactivity of DOR salt with water and the reactivity in air of heated calcium metal nodules from DOR salts indicate the absence of "dangerous when wet materials" and pyrophoricity in these salts (References C064, C065, C202, C203, D025, D084, P125, and P187).

Chemical Waste Disposal Requests dated as early as June 1980 included boxes that were required to be checked if the waste contained pyrophoric, flammable, corrosive, or explosive materials (Reference D083).

In addition, for wastes generated after the implementation of the 1987 Certification Plan, associated waste packaging procedures, and quality assurance systems, the waste generator has signed a statement on the WODF for each waste item stating that waste contains "no free liquids, pyrophorics, explosives, compressed gases, powders or materials other than the indicated matrix." The Attachments to the Certification Plan describe how these restrictions are verified by waste management personnel (References D025 and P090).

The Project 2010 Certification Plan, and the TWIDS prohibit compressed gases, liquids, nonradionuclide pyrophorics, sealed containers greater than four liters in volume, or >1 percent radionuclide pyrophorics in waste and verified by waste management (Reference D025).

Based on interviews with site personnel performing VE and prohibited item disposition repackaging, internal cans (both shielded and unshielded) have been measured for dose rate during repackaging and found to contain waste with radiation levels exceeding 200 mrem/hr (References C135 and C136).

- Remediation of Prohibited Items

Prohibited items are known to be present. Procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until WIPP certification procedures were implemented. The presence of containerized (e.g., butane lighter, lighter fluid can, unpunctured aerosol cans, vials) and uncontainerized liquids have also been observed. Lead shielding is often used to increase handling safety, and thick shielding can obscure RTR observations (References D025, D083, and DR029).

Prohibited items are detected by RTR or VE and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new drums, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items removed and segregated if necessary prior to certification and shipment. Waste items with a high dose rate may be repackaged into a POC.

Repackaged waste items that are placed into a new drum(s) or POC are from a single parent drum.

Some secondary waste generated during remediation and repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C177, D025, D083, P154, P158, P159, P175, and P192).

Method for Determining Waste Material Parameters (WMPs) Weights per Unit of Waste

To estimate the WMPs for waste stream LA-MHD01.001, WMP data were obtained from the Waste Data System (WDS), formerly known as the WIPP Waste Information System (WWIS) database, as of October 3, 2006. The WMP data were derived from RTR and VE by the CCP TRU Waste Certification Program (TWCP) at LANL for this waste stream. In cases where WDS data included both RTR and VE data for the same container, only the VE data was included in this assessment.

The WMPs for waste stream LA-MHD01.001 were estimated by reviewing the WDS waste container inventory records for 1,917 containers. The WDS data provides a weight for packaged waste materials, which were categorized into one or more of the following WMPs: iron based metals/alloys, aluminum based metals/alloys, other metals/alloys, other inorganic materials, cellulosics, rubber, plastics, and inorganic matrix. The 1,917 containers included in the evaluation represent approximately 14 percent of the current waste stream (Reference C179). The waste generation date range for containers included in the evaluation is from December 1979 to June 2004, compared to the generation date range for this waste stream of November 1979 to present. Therefore, it is assumed that the WMP data for the 1,917 containers are representative of waste stream LA MHD01.001 as a whole. Average, minimum, and maximum WMP weight percentages were calculated using the WDS data, and the results of this analysis are presented in the table below.

Waste Stream LA-MHD01.001 Waste Material Parameter Estimates

WMP Description	Average Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	42.05%	0.00% - 100.00%
Aluminum-based Metals/Alloys	0.17%	0.00% - 77.51%
Other Metals	5.04%	0.00% - 91.45%
Other Inorganic Materials	27.27%	0.00% - 100.00%
Cellulosics	3.48%	0.00% - 95.86%
Rubber	5.22%	0.00% - 98.67%
Plastics (waste materials)	16.10%	0.00% - 100.00%
Organic Matrix	0.00%	0.00% - 0.00%
Inorganic Matrix	0.67%	0.00% - 72.48%
Soils/Gravel	0.00%	0.00% - 0.00%
Total Inorganic Waste Average	**75.20%**	
Total Organic Waste Average	**24.80%**	

List of AK Sufficiency Determinations Requested for the Waste Stream

No AK Sufficiency Determinations were requested for this waste stream.

Transportation

This waste stream and its chemical constituents have been reviewed for consistency with the listed TRUCON code and they are consistent.

Beryllium

Beryllium may be present in amounts greater than 1% by weight of the waste in some payload containers. TRUCON code SQ133 is used for containers that include greater than one percent by weight beryllium.

Radionuclide Information

Radionuclide data established by the PF-4 waste generator on a container basis and container data from the Area G waste storage records were evaluated to determine the relative radionuclide weight and activity for waste stream LA-MHD01.001. From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and U-238, while over 95 percent of the total activity in the waste stream is from Pu-238, Pu-239, and Pu 241. It should be noted that although U-238 is the second prevalent radionuclide by mass in the waste stream, it was reported in only 525 containers. The table below, Estimated Radionuclide Distribution in LA-MHD01.001, identifies the relative radionuclide weight and activity percent of expected radionuclides over the entire waste stream based on the container data evaluated. As illustrated in the table below, the radionuclide weight percent of individual radionuclides varies greatly on a container by container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream (References C133, C153, C175, C179, C225, C232, M159, M241, M298, M307, and M309).

Summary of Radiological Distribution for Waste Stream LA-MHD01.001

Radionuclide	Total Nuclide Weight%[1,5]	Total Nuclide Curie%[2,5]	Nuclide Wt% Range for Individual Containers[3,5]	Nuclide Ci% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides					
Am-241	0.09%	0.89%	0 - 100.00%	0 - 100.00%	Yes
Pu-238	0.64%	**31.40%**	0 - 100.00%	0 - 100.00%	Yes
Pu-239	**63.23%**	**11.35%**	0 - 100.00%	0 - 100.00%	Yes
Pu-240	4.40%	2.89%	0 - 42.06%	0 - 31.10%	Yes
Pu-242	1.10%	0.01%	0 - 100.00%	0 - 100.00%	Yes
U-233	Trace	Trace	0 - 17.50%	0 - 0.57%	Yes
U-234	Trace	Trace	0 - 25.66%	0 - 0.51%	Yes
U-238	**29.64%**	Trace	0 - 99.88%	0 - 71.97%	Yes
Sr-90	Trace	Trace	0 - Trace	0 - Trace	Yes
Cs-137	Trace	Trace	0 - Trace	0 - Trace	Yes
Additional Radionuclides					

Radionuclide	Total Nuclide Weight%[1,5]	Total Nuclide Curie%[2,5]	Nuclide Wt% Range for Individual Containers[3,5]	Nuclide Ci% Range for Individual Containers[4,5]	Expected Present
Ac-227	Trace	Trace	0 - Trace	0 - Trace	Yes
Am-243	Trace	Trace	0 - 0.52%	0 - 0.32%	Yes
Cd-109	Trace	0.96%	0 - 1.75%	0 - 99.40%	Yes
Ce-144[6]	Not Reported				Yes
Cm-243	Trace	Trace	0 - Trace	0 - 81.34%	Yes
Cm-244	Trace	Trace	0 - 3.12%	0 - 90.33%	Yes
Cm-245	Trace	Trace	0 - Trace	0 - Trace	Yes
H-3	Trace	Trace	0 - Trace	0 - Trace	Yes
Mn-56	Trace	Trace	0 - Trace	0 - Trace	Yes
Na-22	Trace	Trace	0 - Trace	0 - Trace	Yes
Np-237	0.02%	Trace	0 - 100.00%	0 - 100.00%	Yes
Np-239	Trace	Trace	0 - Trace	0 - 97.25%	Yes
Pa-231	Trace	Trace	0 - Trace	0 - Trace	Yes
Pa-233	Trace	Trace	0 - Trace	0 - 0.11%	Yes
Pb-212	Trace	Trace	0 - Trace	0 - Trace	Yes
Pu-241	0.18%	**52.50%**	0 - 20.00%	0 - 93.99%	Yes
Pu-244	Trace	Trace	0 - 0.03%	0 - Trace	Yes
Th-228	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-229	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-230[6]	Not Reported				Yes
Th-232	0.13%	Trace	0 - 56.64%	0 - Trace	Yes
Tl-208	Trace	Trace	0 - Trace	0 - Trace	Yes
U-232[7]	Trace	Trace	0 - 54.69%	0 - 96.73%	Yes
U-235	0.57%	Trace	0 - 98.67%	0 - 99.02%	Yes
U-236	Trace	Trace	0 - 0.42%	0 - Trace	Yes
Other radionuclides that may be present in unknown amounts (no data values were available, although the radionuclides were listed in databases)					
Bk-249 Cf-252 Co-57 Co-60					Yes

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity percent for that radionuclide.
6. Radionuclides not reported but suspected present from secondary radionuclides or decay.
7. Upper range values are from CCP NDA characterization results not waste generator reported values (Reference DR048).

Payload management will not be utilized for this waste stream.

Source Documents

Source Document Tracking Number	Title
C001	Assay of U-234
C002	Vent and Closure dates for TWISP containers submitted to WWIS
C005	TA-55 Pu-238 Processes Issues and SMEs (Acceptable Knowledge Personnel Interview Form)
C007	Segregation of Pu-238 Processing
C009	Electronic Communication from the Author
C010	Interview with R. Gutierrez, SME, re: P/S Code PE
C011	Interview with Dale Soderquist, SME Re: P/S Code DA
C014	Interview with J. Milewski, SME, re: P/S Code ELW
C017	Interview with B. Martinez, SME, re: P/S Codes RAP, RAP2, FSPF, PF, JA, and BC
C018	Interview with J. Simpson, SME, re: P/S Code RL
C019	Interview with G. Zaker, SME, re: P/S Code MA and Chemicals Used in Machining
C020	Interview with G. Zaker, SME, re: P/S Code CA
C023	Interview with G. Jarvinen re: P/S Codes AD, APD
C026	Interview with L. Avens re: P/S Codes MAS, SA
C027	Interview with B. Zwick and J. Byrd Re: P/S Codes AC1 and AC2
C031	Interview with C. Davis re: P/S Code SMP
C033	Interview with J. Foxx re: P/S Codes RD, NCD, WM, and XO/XO
C035	Interview with R. Masen re: P/S Code ME
C037	Interview with D. Wulff re: P/S Code XO/XO
C038	Interview with John Musgrave – TA-55-Miscellaneous Operations, RD&D Processes
C039	Interview with J. Foxx re: Process inputs to P/S Code AD
C040	Interview with J. Foxx re: P/S Codes PB, PuBe, CC, MB, MS, FF, BF, and other issues
C041	Interview with J. Foxx re: Use of Lead in P/S Codes DOP
C047	Interview with F. Hampel re: Metal Operations Process AK; Information on Chemical Use in P/S Code FF
C054	Air Sparging to Eliminate Pyrophoric Sodium
C056	Layers of Packaging in TA-55 Combustible TRU Waste
C057	Commingling of Defense and Nondefense TRU Waste
C061	Interview with J. Foxx re: Vanadium, Vanadium Pentoxide, TA-55-19, TA-55-30
C062	Wire Twist-Tie and Plastic Electrical Tie Bag Closure
C064	Air Sparging to Eliminate Pyrophoric Sodium
C065	WACCC Audit Finding #1 (April 27-May 1, 1987)
C066	Interview with F. Hampel re: Information on Chemical Use in P/S Code FF
C067	Interview with J. Foxx re: Sources of Cs-137, Pa-231, and Cm-244 in TA-55 waste
C068	Interview with J. Foxx re: Timeline for disposal of TA-55 waste with P120
C069	Ac-227 Drums
C073	Interview of J. Foxx re: Sources of Cs-137 and Pa-231 in TA-55 Waste

Source Document Tracking Number	Title
C076	Memo to P. Rogers re: "Secondary Radionuclides and Toxic Metals in TA-55 TRU Waste"
C079	Interview of J. Foxx re: P/S Codes PPD, UA, VD, IN, and WE
C080	Collection of Correspondence, Comments, and AK Summaries
C081	Interview with J. Foxx re: P/S Code DO
C082	Interview with J. Foxx and Supporting Documentation re: Defense Relationship of TA-55 Waste
C083	Interview with J. Foxx, SME re: P/S Codes
C085	Interview with M. West of NMT-2 and G. Bird of NMT-2 re: P/S Codes SBB and SCB
C087	Answers to Questions About Pyrochemical Processes
C089	Interview with J. Foxx re: Pu-238 and Effluent to TA-50
C092	Interview with J. Foxx re: CLS-1 Solvents
C094	Interview with T. Hayes of TA-55 Nitrate Operations re: Draft AK Summary for TA-55 Nitrate Operations, 12-19-99 (attached)
C095	Comments from T. Hayes and J. Foxx on the Acceptable Knowledge Summary for TA-55 Nitrate Operations
C096	Response to comments on the AK Summary for TA-55 Nitrate Operations
C098	Interview with J. Foxx re: P/S Code PY
C100	Memo with Attachments to K. Dziewinski re: Material Type Isotopic Compositions
C101	AK Isotopic Files for Input to NDA Radioassay Spreadsheets
C102	Interview with R. Simpson re: P/S Codes CN, CO, CT, EL, FF, ID, OB, OM, MOX, RS
C104	Interview with J. Foxx re: P/S UA
C105	Interview with J. Foxx re: P/S Codes AO, EVAC and WLT
C108	Interview with J. Foxx re: Secondary radionuclides used in P/S Code PI
C113	AK Interview with Jim Foxx re: P/S Code FF, Use of Kynar, Portland Cement, Code HRA, 40 mm Gun
C117	A Few Issues
C121	Detailed Chemical Evaluation MHD01.001
C122	Be Contamination
C124	Interview with Jim Fox Regarding Material Type 83 used at TA-55
C125	Decay Corrected Values for LANL Heat Source Plutonium
C129	Jim Foxx's Review and Comments on CCP-AK-LANL-006
C130	Jim Foxx's Review and Comments on Nitrate and Pyrochemical/Chloride Operations Process Flow Diagrams
C131	Jim Foxx's Review and Comments on Draft Process Flow Diagrams
C132	Pu-239 Operations Detailed Process Flow Diagrams
C133	Radiological Evaluation of Waste Stream LA-MHD01.001 Based on the Addition of Waste Stream LA-MHD02.01

Source Document Tracking Number	Title
C135	Interview with Site Personal Performing VE and PID Repackaging Regarding Potential for High Dose Rate Waste from TA-55
C136	Interview with Dennis Wulff Regarding Potential for High Dose Rate Waste from TA-55
C138	Addition of Mixed Inorganic and Organic Process Solids (Waste Stream # LA-CIN01.001) to Acceptable Knowledge Report AK6
C139	Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream # LA-CIN01.001
C140	Interview with Gerry Veazey Regarding the TA-55 Cement Fixation Process
C142	Opening of Drum (#8260) of Retrieved TA-55 Cement Waste
C143	Documentation Re Evaluation of TRU Waste Can Drums Retrieved from TA-54, Area G
C144	Interview with Dennis Wulff Regarding the Packaging of Pu-238 Waste at TA-55
C145	Evaluation of LANL Pu-238 Waste Management Practices
C147	RCRA and Chemical Evaluation for LANL Waste Streams LA-MHD01.001 and LA-CIN01.001
C149	Fiberboard Drum Liners Used During Repackaging
C150	Secondary Waste Discussions to be Added to AK4 and AK6
C152	Interview with J. Foxx re: Future Waste Generation for Waste Streams LA-MHD01.001 and LA-MIN02-V.001
C153	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001
C154	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN02-V.001
C155	RCRA and Chemical Evaluation for LANL Waste Stream LA-MIN02-V.001
C156	Email to M. J. Papp re: Material Reclamation Project
C157	Prohibition on PCB waste lifted from LANL
C163	Change of LA Waste Stream Designation For TRU Oversize Crates at TA-54
C164	Information on Packaging Changes
C165	Decontamination and Volume Reduction System (DVRS) Information
C171	Homogeneity of LANL Waste Stream LA-CIN01.001
C172	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN04-S.001
C173	RCRA and Chemical Evaluation for LANL Waste Stream LA-MIN04-S.001
C174	Projected Future Waste Generation for Waste Stream LA-MIN04-S.001

Source Document Tracking Number	Title
C175	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001
C176	Email from Kapil Goyal Regarding Compact Fluorescent Bulbs
C177	Secondary Waste Generated by the Remediation/Repackaging Processes at Dome 231 and WCRRF
C178	Drum Washing of Drums Retrieved from Below-Grade
C179	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001
C180	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-CIN01.001
C181	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN02-V.001
C182	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN04-S.001
C184	Determination of Flammable VOCs For LANL TA-55 Mixed Transuranic Waste, Waste Stream LA-CIN01.001
C185	TA-54 Building 412 vs. DVRS Facility
C186	Letter on Material Type Isotopic Composition
C187	Memorandum to Pamela Rogers, Transuranic Database Modifications
C188	Memorandum to Pam Rogers; Layers of Packaging in TA-55 Combustible TRU Waste
C189	Secondary Radionuclides and Toxic Metals in TA-55 TRU Waste
C190	Memo to TWCP Records Center: Commingling of Defense and Nondefense TRU Waste
C191	Segregation of Pu-238 Processing
C192	Memorandum to Pamela Rogers; Acceptable Knowledge of Pu-238 Waste Generated at the Los Alamos Plutonium Facility, TA-55
C194	Comments from Jim Foxx on the Draft Pu-238 AK Summary Report (dated November 1999)
C195	Interview with Jim Foxx: Pu-238 and Effluent to TA-50
C196	Email from Jim Foxx: RCRA Codes for Pu-238
C197	Interview with Jim Foxx and Gary Rinehart Relating to the RCRA Characterization and Management of Pu-238 Liquids and P/S Code Operations
C198	Interview with Jim Foxx Regarding P/S Code.PI
C199	Interview with Gordon Jarvinen Regarding TA-55 Miscellaneous Operations – RD&D Processes
C200	Jim Foxx's comments on Draft Acceptable Knowledge Summary for TA-55 Nitrate Operations

Source Document Tracking Number	Title
C201	Comment Resolution for Nitrates AK Summary Report (dated 2/25/00)
C202	Memorandum to B.T. Reich : Air Sparging to Eliminate Pyrophoric Sodium
C203	Memorandum to B.T. Reich: xperimental data on calcium pyrophoricity in salts
C204	Interview with Jim Foxx; Segregation of non-defense wastes from defense wastes
C205	Interview with Jim Foxx; Answers to questions of use of Ag, disposal of ash and resins, and use of gases
C206	Acceptable Knowledge Personnel Interview with Jim Foxx: Disposal of Spray Cans Used in Gloveboxes
C207	Interview with Jim Foxx re: Volatile RCRA-Listed Metals
C208	Acceptable Knowledge Personnel Interview with Jim Foxx: Sources of Cs-137 and Pa-231 in TA-55 TRU Waste
C209	Interview with J. Foxx re: Sources of Cs-137, Pa-231, and Cm-244 in TA-55 TRU Waste
C210	AK Personnel Interview of Lisa Pansoy-Hjelvik, Description of P/S Code ASP
C211	Interview with Gary Rinehart regarding P/S code WS Operations
C212	Memorandum to Ed Wilmont, Pu-238 Waste at TA-55
C213	AK Personnel Interview with Jim Foxx: Information on P/S Codes PPD, UA, VD, IN, and WE
C214	AK Personnel Interview with Jim Foxx: RD&D Processes (RD, NCD, WM)
C215	Email From Wayne Punjak to Pamela Rogers: Ac-227 Drums
C216	Memorandum to RMDC; Vent and Closure dates for TWISP containers submitted to WWIS
C219	Interview with Jim Foxx: Material Type 83 used at TA-55
C220	Jim Foxx's Review and Comments on Draft Process Flow Diagrams
C221	Detailed Pu-238 Operations Process Flow Diagrams
C222	Decay Corrected Values for LANL Heat Source Plutonium
C223	Record of Communication for interview with Jim Foxx: All Process Wastes
C224	Addition of 7 Containers to Waste Stream LA-MIN04-S.001
C225	Evaluation of Additional Containers for waste stream LA-MHD01.001
C226	Waste Packaging Issues with CCP-AK-LANL-006, Waste Stream LA-CIN01.001 (TA-55 cemented waste packaged in cans and monoliths)
C228	Evaluation of Los Alamos National Laboratory Circumferentially Taped Slip-Lid Cans (>4 Liters)
C230	Memo: Legacy TA-55 Nitrate Salt Wastes at TA-54 - Potential Applicability of RCRA D001/D002/D003 Waste Codes

Source Document Tracking Number	Title
C231	Email RE: Nitrate Salt Processing Guidance
C232	Evaluation of Volumes and Calculations of Individual and Total Radionuclide Masses and Activities for Waste Streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.01, and LA-MIN04-S.001
D002	Acceptable Knowledge Report for Legacy Debris TA-55 Waste Streams Containing Pu-239
D003	Hazardous Waste Facility Contract with DOE, University of California & Summary of Modifications
D004	Attachment A (Waste Analysis Plan) of the LANL Hazardous Waste Permit
D007	Process Acceptable Knowledge Report for Chloride Operations at TA-55
D008	Acceptable Knowledge Report for Newly Generated Waste from Nitrate Operations at TA-55
D009	Acceptable Knowledge Report for Newly Generated Waste from Miscellaneous Operations at TA-55
D010	Acceptable Knowledge Report for Newly Generated Waste from Special Processing Operations at TA-55
D011	Acceptable Knowledge Report for Newly Generated Waste from Metal/Pyrochemical Operations at TA-55
D013	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)
D014	TA-55 Facility Safety Analysis Report (FSAR), Excerpt (Chapter 1 missing)
D017	Draft Acceptable Knowledge (Report) for TA-55 Nitrate Operations (and Interview comments from Tim Hayes)
D018	Transuranic Waste Interface Document for the Waste Characterization, Reduction, and Repackaging Facility and the Radioactive Materials Research, Operations, and Demonstration Facility
D019	Waste Management Plan for the 40-mm Powder Breach Project
D023	TA-55 Plutonium Facility Acceptable Knowledge Report
D024	TA-55 Transuranic Waste Interface Document
D025	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239
D026	Acceptable Knowledge Information Summary For LANL Transuranic Waste Streams
D028	Process Acceptable Knowledge Report for Pyrochemical Processes at TA-55
D029	Process Acceptable Knowledge Report for Metal Operation Processes at TA-55
D030	Process Acceptable Knowledge Report for Special Processing at TA-55
D032	Process Acceptable Knowledge Report for Miscellaneous Operations at TA-55
D034	Waste Management Site Plan

Source Document Tracking Number	Title
D036	Process Knowledge Report for Nitrate Operations at TA-55
D037	Los Alamos TRU Waste Certification Plan for Newly Generated TRU Waste
D041	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams
D044	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassini Mission
D045	Final Safety Analysis Report for TA-55 NMT
D048	Wastes from Plutonium Conversion and Scrap Recovery Operations
D049	40-mm Powder Breech Project, TA-55 Bldg PF-4, Waste Management Plan
D050	Waste-form Development for Conversion to Portland Cement at LANL Technical Area 55
D055	Rocky Flats Environmental Technology Site Backlog Waste Reassessment Baseline Book – Waste Form 34 Pyrochemical Salts
D056	TWISP Final Report
D057	Processing Waste Acceptance Criteria Exception Forms
D058	Review and Completion of the TWSR
D059	Environmental Protection: Managing Waste; Air Quality; Ecological and Cultural Resources...
D060	Repackaging Plutonium-238 High Dose Rate Material for Waste Disposal
D062	Upgrade and Performance Testing for the LINC Systems at TA-54 Area G
D063	Project Management Objectives for Pit 9 TRU Waste Retrieval
D064	Retrieval Plan for TA-54, Area G TRU Waste for Pit 9
D065	TA-54, Area G Pit 9 Waste Description
D066	TA-54, Area G Pit 9 Waste Description
D067	TA-54, Area G Trenches A-D Waste Description
D068	TA-54 Area G Documented Safety Analysis
D070	Wastes from Plutonium Conversion and Scrap Recovery Operations
D071	Final Safety Analysis Report for TA-55 NMT
D073	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Galileo Mission
D074	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassinni Mission
D075	Sampling and Analysis Project Validates Acceptable Knowledge on TA-55-43, Lot No. 01
D076	Acceptable Knowledge Summary Report for Waste Streams TA-55-43, TA-55-44, TA-55-45, TA-55-46, TA-55-47
D077	Process Acceptable Knowledge Report for Miscellaneous Operations at TA-55
D078	Process Acceptable Knowledge Report for Nitrate Operations at TA-55
D079	Process Acceptable Knowledge Report for Special Processing at TA-55
D080	Process Acceptable Knowledge Summary Report for Plutonium-238 Operations at TA-55
D081	AK Report for NG Waste from Metal/Pyrochemical Operations at TA-55
D082	Institutional Plan FY2002-FY2007
D083	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams
D084	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239
D085	Determination of H2 Diffusion Rates through Various Closure on TRU Waste Bag-Out Bags

Source Document Tracking Number	Title
D089	Amount of Zeolite Required to Meet the Constraints Established by the EMRTC Report RF 10-13: Application to LANL Evaporator Nitrate Salts
D090	Results of Oxidizing Solids Testing - EMRTC Report FR 10-13
D091	Solution Package Scope Definition REPORT-72, Salt Waste (SP #72) Rev 1
DR001	Discrepancy Resolution Waste Stream Assignment
DR004	Discrepancy Resolution Non-Mixed TA-55 Pu-239 Debris Drums
DR005	Acceptable Knowledge Source Document Discrepancy Resolution - Homogeneous Solids in Containers S818280, S818308, S822622, S818309, S832485, S862359, S802994, and S811632
DR007	Acceptable Knowledge Source Document Discrepancy Resolution – Layers of Confinement
DR008	Acceptable Knowledge Source Document Discrepancy Resolution – TA-55 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris
DR029	Acceptable Knowledge Source Document Discrepancy Resolution – Drum No. 86309 Contained a Small Lighter Fluid Can with ~ 65 ml of liquid
DR043	Miscellaneous Debris Items in LA-CIN01.001 (cemented) Container No. 53706
DR044	Removal of 114 Heterogeneous Drums from Cemented Waste Stream (LA-CIN01.001)
DR048	Acceptable Knowledge Source Document Discrepancy Resolution – Waste Stream LA-MHD01.001 Radiological Characterization
M002	Review of Headspace Gas Data from Pre-WAP Analyses for Additions to AK
M006	Pit Production
M011	Waste Determination Report for Waste Stream TA-55-43 Lot No. 01
M012	Waste Profile Form Guidance
M013	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)
M014	General Waste Management Requirements
M015	Managing Radioactive Waste
M016	Hazardous and Mixed Waste
M017	Final Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories and Regulatory Limits
M018	Los Alamos National Laboratory Waste Profile System Forms
M019	Generator Documentation
M023	Procedure Review Sheets for 410-MPP, "Electrorefining of Plutonium Metal-Crac Cell"
M024	Procedure Review Sheets for 435-MPP, "Reverse Cell Electrorefining (R&D Project)"
M026	Coalesence of Plutonium Metal (Excerpts) and Procedure Review Sheets
M028	Procedure Review Sheets and Excerpts from Salt Stripping of Electrorefining Salts Using Oxygen/Argon
M029	Procedure Review Sheets and Excerpts from Electrorefining of Plutonium Metal, Nominal Six Kilogram Scale
M030	Measuring Physical Properties (Excerpt)
M032	Acceptable Knowledge Personnel Interview Form - Metal Operations

Source Document Tracking Number	Title
M037	Multiple-Cycle Direct Oxide Reduction
M041	Procedure Review Sheets for Revs 0-5 of "Electrorefining of Plutonium Metal," Doc. # 258-MPP-R00
M043	Procedure Review Sheet for Procedure 290-MPP-R02
M044	Procedure Review Sheets for Procedure 216-MPP-R01 "Oxalate Precipitation of Ion-Exchange Eluates"
M045	Procedure Review Sheets for Procedure 215-MPP-R01, "Oxalate Precipitation of Plutonium from Nitrate Solutions"
M048	Procedure Review Sheets for Procedure 230-MPP-R01, "Hydroxide Precipitation for Oxalate Filtrates"
M050	Procedure Review Sheet for 474-REC-R01, "Process Research and Development Facilities"
M053	Procedure Review Sheet for 426-REC-R00, "Residue Leaching"
M054	Procedure Review Sheet for 461-REC-R00, "Nitrate Anion Exchange"
M057	Procedure Review Sheet for 431-REC, "Procedure for Disposal of Oils Containing Recoverable Amounts of Pu in the Form of (U, Pu) Carbides"
M061	Process Review Sheet for RAB-MS-2000, "Carbothermic Process Material Specification for Uranium Oxide Powder (Depleted)"
M064	Process Accountability Flow Documents for Various Nitrate Processes
M067	Procedure Review Sheet for 430-REC, "Recovery of Contaminated Platinum"
M069	Procedure Review Sheet for 420-REC, "Processing of Contaminated Solids"
M072	Procedure Review Sheets for 444-REC, "Dissolving Chloride Melt Portion of Electrorefining Residues"
M074	Procedure 474-CLO, Hydroxide Precipitation of Chloride Waste Streams
M076	Hydroxide Precipitation of the Plutonium in Chloride Waste Streams
M080	Interview with J. Foxx re: Solvent Extraction Developmental Work
M084	Procedure 437-REC, "Polystyrene Cube Processing"
M085	Procedure 445-REC, "Preferential Dissolution of Uranium Oxides from a Uranium-Plutonium Oxide Mixture"
M086	Procedure 490-REC, "Catalyzed Electrochemical Plutonium Oxide Dissolver (CEPOD)"
M088	Procedure 423-REC, "Ash Leaching"
M089	Procedure 431-REC, "Leaching of Contaminated Metals in Nitric Acid"
M090	Procedure 421-REC, "Pickling or Surface Leaching" and "Leaching of Noncombustible Materials in Nitric Acid"
M092	Procedure 490-REC, "Mediated Electro-Oxidation of Low-Level Organic Waste" and "Catalyzed Electrochemical Plutonium Oxide Dissolver"
M093	Procedure 427-REC, "Incinerator Ash R&D Facility"

Source Document Tracking Number	Title
M095	Procedure 447-REC, "Dissolution of Impure Plutonium Dioxides, Filter Residues, and Glovebox Sweepings in Hot HNO3-HF"
M096	Procedure 472-REC, "Nitrate Anion Exchange for the Rich Column Material System"
M097	Procedure 471-REC, "Nitrate Anion Exchange for the Lean Residue System"
M098	Procedure 470-REC, "Nitrate Anion Exchange for the Rich Residues Ion Exchange Column"
M099	Procedure 473-REC, "Nitrate Anion Exchange for the Dissolved Solids (DS) System"
M103	Procedure 480-REC, "Peroxide Precipitation"
M112	Procedure 407-MPP, Chlorination of Plutonium Compounds
M113	Procedure 420-MPP, Reduction of PuO_2 to metal
M116	Review Sheet for Procedure 445-MPP, "Coalescence of Plutonium Metal"
M118	Review Sheet for Procedure 209-MPP, "Pickling, Leaching, and Dissolution"
M123	Procedure 213-MPP, Conversion of Plutonium Oxalate to Oxide using heat lamp and hot plate
M125	Procedure 217-MPP, Peroxide precipitation
M126	Procedure 226-MPP, Dissolving Chloride Melt Portion of Electrorefining Residues
M127	Procedure 232-MPP, Oxalate Precipitation of Pu from Hydrochloric solutions
M129	Procedure 224-MPP, Chlorination of Plutonium Compounds
M130	Procedure 251-MPP, Multiple-cycle Direct Oxide Reduction
M131	Procedure 273-CLO, Purifying and Recovering Pu by Chloride anion exchange
M132	Procedure 242-MPP, Precipitation of Plutonium Oxalate in Hydrochloric Acid
M134	Direct Oxide Reduction R&D
M137	Procedure HS-NMT9-PP-42, "Particle Size Analysis of Oxide Powders Procedure"
M142	Procedure 435-REC, "Processing Lapping Oil and Similar Organics"
M144	Procedure 491-REC, "Advanced Testing Line for Actinide Separations (ATLAS) Unit Operations"
M151	Procedure 464-Rec, "Peroxide Precipitation"
M153	Development of Control Charts for the Evaporator Bottoms Newly Generated Waste Stream from TA-55
M154	Miscellaneous MSDSs
M156	Project 2010 Container Specific Database Information for LA-MHD01.001
M157	Project 2010 Database Summary of Waste Codes from LA-MHD01.001
M158	Project 2010 Database Information Waste Item Descriptions Summary
M159	Project 2010 Container Specific Database Information - Area G Reported Radionuclides
M160	LANL Project 2010 Summary of AK Discrepancies

Source Document Tracking Number	Title
M164	Procedure Review Sheet for Identification of Potential Hazards Associated with Metallographic Operations in Rooms G104 and G107
M169	Procedure Review Sheet - Comminution and Nickel Addition Procedures for Uranium Carbide or Uranium-Plutonium Carbide
M172	Procedure Review Sheet for Manual Pellet Pressing Procedure for Uranium Carbide or Uranium-Plutonium Carbide Powders
M174	Procedure Review Sheet for Procedure for Measuring the Density of Sintered Fuel or Insulator Pellets by a Water Immersion Technique
M180	Procedure Review Sheet - Hydroxide Precipitation of Chloride Solutions Containing Organic Chemicals
M181	Procedure Review Sheet - Oxalate Precipitation of Plutonium from Chloride Solutions
M182	Procedure Review Sheet - Purification and Recovery of Plutonium by Chloride Anion Exchange
M184	Procedure Review Sheet - Dicesium Hexachloro Plutonate (DCHP)
M185	Procedure Review Sheet - Head End Processing of Aqueous Chloride Plutonium
M186	Procedure Review Sheet - Plutonium Recovery from Chloride Solutions by Oxalate
M189	Procedure Review Sheet - Vessel Handling and Unloading
M200	Plutonium Electrorefining
M202	Preparation of Pu Metal by the Fluoride Reduction Process
M206	Procedure Review Sheet - Salt Stripping of Electrorefining Salts
M212	Procedure Review Sheet - Six Foot Sphere Handling and Unloading
M215	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from 2500 Set
M216	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from AK6 Remaining Set
M217	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from AK7 Remaining Set
M218	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from Imagic Printout Set
M219	Electronic image of TWSRs and RSWD Forms from Imagic Software
M220	Vent Date Information Sources
M222	CONCERT Database
M223	Design of Hydrothermal Waste Treatment Units for Operation at Pressures from 1 to 1,000 Bar
M224	LANL Hard Copy RSWDs and TWSRs for LA-MHD01 and LA-MHD02
M226	LANL Hard Copy RSWDs and TWSRs for LA-MHD01 and LA-MHD02
M236	TA-55 Cemented RSWDs/TWSRs
M238	NUGEN Drum TWSRs
M241	Drum Spreadsheet for Additional LA-MHD01.001 Containers
M242	TA-55 Waste Stream LA-MIN02-V.001 RSWDs/TWSRs and Drum Spreadsheet
M252	TA-55 Cement Fixation Drum Logbook
M273	LA-MHD01.001 TWSRs

Source Document Tracking Number	Title
M274	TWSRs for Containers 8000 Series
M275	TA-55 NUGEN TWSRs
M276	TA-55 VE NUGEN TWSRs
M279	TA-55 Waste Stream LA-MIN04-S.001 RSWDs/TWSRs, Drum Spreadsheet, and BDRs
M280	Pit 9 Waste Information
M281	Trenches A-D logbook
M283	Assembled Tables taken from Milliwatt Generator Project Progress Reports
M284	MSDSs for Pu-238 Operations
M285	Process Flow Diagram for Routine Pu-238 Heat Source Production - Fuel Fabrication
M286	Particle Size Analysis of Oxide Powders
M287	Process Flow Diagram for Metallography
M288	Process Flow Diagram for Pu-238 Scrap Processing
M289	Introductory Glovebox Transfer of an EP-60 into and EP-61
M290	Decontamination of Ir Using Molten MgCl2
M291	Process Flow Diagram for Recovery of Pu-238 Oxide from Contaminated Iridium
M292	Dissolution of Ir by Electrochemical Methods
M293	Process Flow Diagram for Pu-238 Waste Solidification
M294	Recovery of Plutonium-238 from Sucrose Solutions
M295	Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories and Regulatory Limits
M296	Generator Documentation (RSWD/TWSRs)
M298	Concert Database Query, Physical Parameter Inventory Analysis for Waste Stream LA-MHD02.002
M299	Thermal Decomposition of Cellulose Items
M300	General Waste Management Requirements
M301	Hazardous and Mixed Waste
M302	Managing Radioactive Waste
M303	Waste Profile Form Guidance
M304	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)
M306	The Actinide Research Quarterly, Magnetic Levitation Results in High-Purity Plutonium Metal.
M307	Acceptable Knowledge Isotopic Ratios (AKIR) database, Versions 2.0 and 2.1
M308	Pu-238 Defense Determination Resolution
M309	Radiological Discrepancy Report
M310	RCRA EPA Hazardous Waste Code Assignment Discrepancy Report
M312	CCP-AK-LANL-007 Document Conversion To CCP-AK-LANL-006 Source Documents
P001	Nitric Acid Process Evaporator
P005	Thorium Fluoride Precipitation
P008	Cement Fixation of Process Residues in 55-Gallon Drums (Excerpts)
P011	Cement Fixation of Process Residues in One-Gallon Cans (Excerpts)

Source Document Tracking Number	Title
P012	Organic Liquid Emulsification
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U007	Review of RTR Data From Pre-WAP Analysis for AK

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CCP-AK-LANL-006

Central Characterization Program
Acceptable Knowledge Summary Report
For

LOS ALAMOS NATIONAL LABORATORY
TA-55 MIXED TRANSURANIC WASTE

WASTE STREAMS:
LA-MHD01.001
LA-CIN01.001
LA-MIN02-V.001
LA-MIN04-S.001

Revision 13

February 10, 2014

Mike Ramirez
Printed Name
APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	06/10/2004	Initial issue.
1	07/08/2004	Sections 2.0 and 5.5 have been modified to identify the TRUPACT-II Content Codes (TRUCONs) that will be confirmed by Real-Time Radiography (RTR) and/or Visual Examination (VE) and to clarify that other TRUCONs may also be suitable for individual containers in this waste stream pending further evaluation on a container basis.
2	04/14/2005	Calculations for payload management have been added to Section 4.3.6. The waste stream description has been modified to clarify the waste does not contain greater than 1% Waste Material Type IV.1. Various editorial corrections have been made throughout the report.
3	04/13/2006	Sections 4.0 through 5.0, Section 9.0, Attachment 2, and Attachment 4 have been modified to distinguish between inactive and active waste generating processes, to identify new active waste generating processes, to expand existing process descriptions, and to include additional chemical and material inputs. These updates were based on site personnel interviews and reviews of acceptable knowledge documents performed during the generation of the detailed Pu-239 Operations process flow diagrams.
4	07/31/2006	Revised to incorporate plutonium (Pu)-238 debris waste stream containers (LA-MHD02.001) from CCP-AK-LANL-007, *Los Alamos National Laboratory Pu-238 Contaminated Mixed Heterogeneous Debris Waste Stream LA-MHD02.001* into waste stream LA-MHD01.001 generated by operations in the Technical Area (TA)-55 Plutonium Facility Building (PF-4).
5	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR) by including the Waste Material Parameter Assessment for waste stream LA-MHD01.001.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
6	03/27/2007	Revised to include new cemented inorganic homogeneous solid waste stream number LA-CIN01.001 generated by the cement fixation process in TA-55 Plutonium Facility Building (PF-4). This new waste stream is explained in detail in Section 6.0.
7	11/30/2007	Revised to include additional containers to waste stream LA-MHD01.001 and to update the affected sections (types and quantities of Transuranic (TRU) waste generated, waste material parameters, estimated radionuclide distributions); to expand descriptions of waste generating processes that produced ash, hydroxide cakes, salts, and contaminated absorbent; to address internal packaging of waste containers; to address repackaging operations; and to incorporate miscellaneous editorial changes. This revision also includes new absorbed liquid homogeneous solid waste stream number LA-MIN02-V.001. This new waste stream is explained in detail in Section 7.0.
8	03/12/2008	Revised to remove originally generated homogeneous containers from waste stream LA-MHD01.001 added during Revision 7; to address a change in packaging for waste stream LA-CIN01.001; to address repackaging and Decontamination and Decommissioning operations; and to incorporate miscellaneous editorial changes.
9	01/27/2009	Revised to include additional containers to waste stream LA-MHD01.001 that were originally characterized as homogeneous by Los Alamos National Laboratory and to update the affected sections (types and quantities of transuranic waste generated, waste material parameters, estimated radionuclide distributions); to properly identify chemicals in Table 9, Chemical Identification and Use Summary, as ignitable, corrosive, and/or reactive in their pure form; and to incorporate miscellaneous editorial changes. This revision also includes new salt homogeneous solid waste stream number LA-MIN04-S.001. This new waste stream is explained in detail in Section 8.0.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	*Description of Revision*
10	05/04/2010	Revised to include various changes identified during the 2009 recertification audit; to expand the spent nuclear fuel and high-level waste assessment; to address facility and equipment maintenance operations; to address below-grade retrieval operations; to add below-grade containers to waste streams LA-MHD01.001 and LA-CIN01.001 and to update the affected sections (e.g., types and quantities of Transuranic [TRU] waste generated, estimated radionuclide distributions); to add containers to waste streams LA-MIN02-V.001 and LA-MIN04-S.001 and to update the affected sections (e.g., types and quantities of TRU waste generated, estimated radionuclide distributions); and to include miscellaneous changes to Sections 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, 10.0, 11.0, and 12.0.
11	09/23/2011	Revised to incorporate changes required by the Waste Isolation Pilot Plant (WIPP) Permit renewal dated November 30, 2010; to include changes identified during the 2011 recertification audit, to update the Annual Transuranic Waste Inventory Report Identification numbers; to expand the waste stream correlation section; to clarify the waste packaging configurations; and to delete the Supplemental Waste Stream Information section. This revision also includes miscellaneous changes made throughout the report.
12	12/12/2012	Revised to expand/modify Sections 1.0, 2.0, and 3.0; to add TRUCON code SQ133 to waste stream LA-MHD01.001; to expand the waste stream description for LA-MIN02-V.001 and to add TRUCON code LA226; to add new TA-54 repackaging facility description; to add containers to waste streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 and to update the affected sections (e.g., types and quantities of TRU waste generated, estimated radionuclide distributions); to expand the ignitability, corrosivity, and reactivity sections; and to clarify the waste packaging configurations. This revision also includes miscellaneous changes made throughout.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
13	02/10/2014	Revised to clarify the TRUPACT-II Content Codes and the waste stream descriptions for all four waste streams, to update the waste stream LA-MHD01.001 *Annual Transuranic Waste Inventory Report* numbers, to update the Description of Waste Generating Process section, to update the waste stream LA-MHD01.001 future projected waste generation volume, to discuss the use and characterization of hydrofluoric acid, to incorporate changes identified in the 2013 recertification audit, to incorporate changes identified in the 2013 U.S. Environmental Protection Agency (EPA) Continued Compliance audit, and to incorporate various changes.

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LIST OF ACRONYMS AND ABBREVIATIONS

AEC	U. S. Atomic Energy Commission
AK	Acceptable Knowledge
AKIS	Acceptable Knowledge Information Summary
ALARA	as low as reasonably achievable
ARIES	Advanced Recovery and Integrated Extraction System
ATLAS	Advanced Testing Line for Actinide Separations
ATWIR	*Annual Transuranic Waste Inventory Report*
BDR	Batch Data Report
$CaCl_2$	calcium chloride
CBFO	Carlsbad Field Office
CCP	Central Characterization Program
CFR	Code of Federal Regulations
CH	contact-handled
CH-TRAMPAC	*Contact-Handled Transuranic Authorized Methods for Payload Control*
CMB	corrugated metal box
CMPO	octylphenyl di-isobutyl carbamoylmethyl phosphine oxide
CMR	Chemistry and Metallurgy Research
C–N–O	carbon–nitrogen–oxygen
COM	combustible waste
CSMO	Central Scrap Management Office
CWSR	Certified Waste Storage Record
D&D	decontamination and decommissioning
DBBP	dibutyl butyl-phosphonate
DCHP	dicesium hexachloroplutonate
DHDCMP	dihexyl N, N-diethylcarbamoylmethyl phosphonate
DL	Discard Limit
DOE	U.S. Department of Energy
DOR	Direct Oxide Reduction
DOT	U.S. Department of Transportation
DVRS	Decontamination and Volume Reduction System
DWLS	Discardable Waste Log Sheet
EPA	U.S. Environmental Protection Agency
ER	electrorefining
FGE	fissile gram equivalent
FOOF	dioxygen difluoride
FRP	fiberglass reinforced plywood
FVOC	Flammable Volatile Organic Compound
GPHS	General Purpose Heat Source
HEPA	high-efficiency particulate air
HWFP	Hazardous Waste Facility Permit
HWN	Hazardous Waste Number
ICP	inductively coupled plasma

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

ID	item identification
IDC	item Description Code
KCl	potassium chloride
LANL	Los Alamos National Laboratory
LANS	Los Alamos National Security, LLC
LDR	Land Disposal Restrictions
LIG	Laboratory Implementation Guidance
LIR	Laboratory Implementation Requirements
LLW	low-level waste
LPR	Laboratory Performance Requirement
LWD	Legacy Waste Disposition
LWRHU	Light Weight Radioisotope Heater Unit
MASS	Material Accountability and Safeguards System
MCDOR	Multiple-Cycle Direct Oxide Reduction
MEGAS	Multiple Energy Gamma Assay System
MET	metal
$MgCl_2$	magnesium chloride
MgO	magnesium oxide
MIS	Material Identification and Surveillance
mm	millimeter
mrem/hr	millirem per hour
MSE	molten-salt extraction
MSDS	material safety data sheets
MT	Material Type
MWG	MilliWatt Generator
NaCl	sodium chloride
NASA	National Aeronautics and Space Administration
nCi/g	nanocuries per gram
NDA	Nondestructive Assay
ng/g	nanograms per gram
NMT	Nuclear Material Technology
NWPA	Nuclear Waste Policy Act
PCB	polychlorinated biphenyl
PF-4	Plutonium Facility Building
pg/g	picograms per gram
PLS	plastic
POC	pipe overpack container
PPE	personal protective equipment
ppm	parts per million
P/S	process/status
Pu-Be	plutonium-beryllium
$PuCl^3$	plutonium chloride
Pu-ICE	Plutonium Isentropic Compression Experiments

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

QA	Quality Assurance
R&D	Research and Development
RCRA	Resource Conservation and Recovery Act
RH	remote-handled
RLWTF	Radioactive Liquid Waste Treatment Facility
RSWD	Radioactive Solid Waste Disposal
RTG	Radioisotope Thermogenerators
RTR	real-time radiography
RUB	rubber
SME	Subject Matter Expert
SNM	special nuclear material
SNL	Sandia National Laboratories
SOP	standard operating procedure
SRF	Size Reduction Facility
SRL	Special Recovery Line
SRS	Savannah River Site
SWB	standard waste box
TA	Technical Area
TBP	tributyl phosphate
TDOP	ten drum overpack
TIG	tungsten inert gas
TOPO	trioctylphosphine oxide
TRU	transuranic
TRUCON	TRUPACT-II Content Code
TRUPACT-II	Transuranic Waste Transporter-Model II
TSCA	Toxic Substances Control Act
TSDFs	treatment, storage, and disposal facilities
TWCP	TRU Waste Certification Program
TWID	TRU Waste Interface Document
TWISP	Transuranic Waste Inspectable Storage Project
TWSR	TRU Waste Storage Record
UC	University of California
VE	visual examination
VOC	volatile organic compound
WAC	Waste Acceptance Criteria
WAP	Waste Analysis Plan
WCRR	Waste Characterization Reduction and Repackaging
WDS	Waste Data System
WEF	Waste Acceptance Criteria Exception Form
WIPP	Waste Isolation Pilot Plant
WIPP-WAC	*Waste Isolation Pilot Plant Waste Acceptance Criteria*
WIPP-WAP	*Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan*

LIST OF ACRONYMS AND ABBREVIATIONS (Continued)

WMP	Waste Material Parameter
WMS	Waste Management System
WODF	Waste Origination and Disposition Form
WPF	Waste Profile Form
WPRF	Waste Profile Request Form
wt %	weight percent
WWIS	WIPP Waste Information System
XBL	crucibles
XES	x-ray energy spectroscopy

1.0 EXECUTIVE SUMMARY

This Acceptable Knowledge (AK) Summary Report has been prepared for the Central Characterization Program (CCP) for contact-handled (CH) transuranic (TRU) waste generated at Technical Area (TA)-55 of the Los Alamos National Laboratory (LANL). This report was prepared in accordance with CCP-TP-005, *CCP Acceptable Knowledge Documentation* (Reference 8), to implement the AK requirements of the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan* (WIPP-WAP) (Reference 1) and the DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WIPP-WAC) (Reference 3).

The WIPP-WAP AK requirements are addressed in CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (Reference 7). The WIPP-WAC AK requirements are addressed in CCP-PO-002, *CCP Transuranic Waste Certification Plan* (Reference 16). Additionally, this report provides the AK information required by CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)* (Reference 14).

The CCP is tasked with certification of CH TRU waste for transportation to and disposal at the Waste Isolation Pilot Plant (WIPP). CCP procedure CCP-TP-005 (Reference 8), describes how AK is compiled and confirmed by the CCP. The CCP is responsible for collection, review, and management of AK documentation in accordance with CCP-TP-005 and reviews and approves this AK Summary Report. CCP maintains responsibility for this AK Summary Report and all CCP-TP-005 generated forms and records as quality assurance (QA) records. In addition, CCP maintains a copy of the "historical source documents" as non-QA records.

This report presents the required characterization information for the mixed heterogeneous debris waste stream LA-MHD01.001, the mixed cement waste stream LA-CIN01.001, the mixed absorbent waste stream LA-MIN02-V.001, and the mixed salt waste stream LA-MIN04-S.001. As described in Section 4.3.7, AK information from the plutonium (Pu)-238 debris from waste stream LA-MHD02.001 previously described in CCP-AK-LANL-007, *Los Alamos National Laboratory Pu-238 Contaminated Mixed Heterogeneous Debris Waste Stream LA-MHD02.001* (Reference 20) has been combined into this report.

This report, along with referenced supporting documents, provides a defensible and auditable record of AK for the designated waste streams. The references and AK sources used to prepare this report are listed in Sections 10.0 and 11.0. The AK sources cited throughout this report are identified by alphanumeric designations correspond to a unique Source Document Tracking Number (i.e., C001, D001, DR001, M001, P001, and U001).

Due to the incorporation of waste stream LA-MHD02.001 containers into waste stream LA-MHD01.001, the AK sources collected for CCP-AK-LANL-007 have been combined with the AK sources collected originally for this report (References 20 and M312). Due to the collection and AK review of the same documents during the original preparation of this report and the CCP-AK-LANL-007 report, the sources identified in the text of this report can be redundant; referencing the same source of information collected for both reports, but assigned a different AK Source Document Tracking Number. However, redundant references from both reports were not included in all cases, if it was determined that the single reference was sufficient to support the applicable AK discussion.

This report includes information relating to the facility's history, configuration, equipment, process operations, and waste management practices. Information contained in this report was obtained from numerous sources, including facility safety basis documentation, database information, historical document archives, generator and storage facility waste records and documents, material safety data sheets (MSDS), and interviews with facility personnel.

This report and supporting references provide the mandatory waste program management and waste stream-specific AK information required by the WIPP-WAP (Reference 1).

2.0 WASTE STREAM IDENTIFICATION SUMMARY

Site Where TRU Waste Was Generated:

LANL
P.O. Box 1663
Los Alamos, New Mexico 87545

Facility Where TRU Waste Was Generated:

TA-55 Plutonium Facility Building 4 (PF-4)

LANL U.S. Environmental Protection Agency (EPA) Hazardous Waste Generator Identification Number:

NM0890010515

Facility Mission:

The primary mission of LANL has been nuclear weapons research and development (R&D). LANL's current central mission is to enhance global security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health and national security concerns. This mission supports disciplines that enable LANL to contribute to defense, civilian, and industrial needs, including the research, design, development, and analysis of nuclear weapons components; support to research programs in the national interest; energy and environmental research; and environmental management.

The primary missions of the Plutonium Facility Building (PF-4) have included basic special nuclear material (SNM) research and technology development, processing a variety of plutonium-containing materials, and preparing reactor fuels, heat sources, and other SNM devices.

Since 1978, PF-4 has been located at TA-55. Operations commenced in 1979 for the extraction and recovery of plutonium from residues and scraps generated from operations at various LANL facilities and other U.S. Department of Energy (DOE) sites in the defense complex. The scrap and residues are processed to recover as much plutonium as economically feasible. The recovered plutonium is converted into pure plutonium feedstock. This recovery process, associated maintenance operations, limited manufacture of finished parts from purified plutonium, and plutonium research are the primary sources of TRU-contaminated debris, immobilized or solidified liquids and solids, and salts that comprise the waste in waste streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001.

Waste Streams:

The waste streams delineated in this report and their associated Annual Transuranic Waste Inventory Report (ATWIR) numbers are presented in Sections 2.1, 2.2, 2.3, and 2.4.

2.1 Waste Stream LA-MHD01.001 (Heterogeneous Debris)

Summary Category Group:	S5000 – Debris Waste
Waste Matrix Code Group:	Heterogeneous Debris Waste
Waste Matrix Code:	S5400
TRUPACT-II Content Code (TRUCON):	LA125/225*

*Real-time radiography (RTR) and/or visual examination (VE) will confirm the primary TRUCON code LA125/225; however, TRUCON codes LA115/215, LA116/216, LA117/217, LA118/218, LA119/219, LA122/222, LA123/223, LA154, SQ133/233, and SQ154 may be used pending further evaluation by the Waste Certification Official of container-specific information.

Waste Stream ATWIR Identification Numbers (Reference 6):	LA-TA-55-19, LA-TA-55-21, LA-TA-55-30, LA-TA-55-43, LA-NCD01, LA-MHD01.001, LA-LAMHD02238
Layers of Confinement:	Maximum of six layers**

**VE has identified one heterogeneous debris container with a total of seven layers of confinement. The configuration included five inner bags and two liner bags. This configuration is non-routine and considered to be an isolated incident (Reference DR007).

Waste Stream Description:

Waste stream LA-MHD01.001 consists of mixed heterogeneous debris waste generated in TA-55. The debris waste includes paper, rags, plastic, rubber, wood-based high-efficiency particulate air (HEPA) filters, other plastic-based and cellulose-based items (e.g., personal protective equipment [PPE]), noncombustible items (e.g., metal and glass), and lesser quantities of homogeneous solids (less than 50 percent by volume) contaminated with nuclear materials (e.g., americium oxide). Plastic-based waste includes (but may not be limited to): bottles, dry-box gloves (unleaded neoprene base), gloves including leaded gloves, ion-exchange resins, Plexiglas, polyethylene and

vinyl, polystyrene, polyvinyl chloride plastic, tape, Tygon tubing, and vials. Rubber- and Teflon-based waste includes rubber gloves, Teflon tape, gaskets, and stoppers. Cellulose-based waste includes (but may not be limited to): booties, cardboard, cotton gloves, coveralls, laboratory coats, paper, rags, wood, and similar materials. Noncombustible debris waste includes (but may not be limited to): bottles (e.g., glass and metal), cans (e.g., steel and brass), composite HEPA filters, crucibles, equipment (e.g., furnaces, foundry parts, machine tools and parts), fluorescent bulbs, glass, gloveboxes, glovebox windows, graphite, lead (e.g., shielding), metal pipes, miscellaneous labware, metal (e.g., beryllium), motors, pumps, slag, small tools, and ventilation ductwork. Homogeneous solid waste (less than 50 percent by volume) includes: hydroxide cake/filter materials, salts, and ash residues. Hydroxide cake/filter materials are composed of precipitated materials such as americium cadmium, calcium, chromium, iron, lead, magnesium, mercury, neptunium, plutonium potassium, silver, sodium hydroxide, thorium, and uranium. Salt waste can include varying mixtures of calcium chloride, cesium chloride, lithium chloride, magnesium chloride, potassium chloride, sodium chloride, zinc chloride, residual entrained calcium and zinc metal, and various plutonium and americium compounds. Ash residues originate from the thermal reduction of organic-based waste products that were contaminated with plutonium (e.g., plastics, rubber, wood, cellulosics, and oils) and may include incomplete combustion products such as small pieces of plastic and metal debris items. The waste stream also includes a small fraction liquids (e.g., waste oils and organics) and solids (e.g., nitrate salts) absorbed or mixed with absorbent materials which may include Ascarite II (sodium hydroxide coated silicate), diatomaceous earth (silica and quartz), kitty litter (clay), vermiculite (hydrated magnesium-aluminum-iron silicate), and/or zeolite (aluminosilicate mineral). Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces).

On a waste stream basis, the two predominant isotopes by mass for waste stream LA-MHD01.001 are Pu-239 and uranium (U)-238, and over 95 percent of the total activity is from Pu-238, Pu-239, and Pu-241. The radiological characterization information is presented in Section 5.4.2.

The waste stream contains Resource Conservation and Recovery Act (RCRA)-regulated constituents and is assigned the following EPA Hazardous Waste Numbers (HWNs): F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040. This waste stream may also include wastes containing or contaminated with polychlorinated biphenyls (PCBs). Refer to Section 5.4.3 for the waste stream chemical content evaluation.

Prohibited items are known to be present in the waste stream. Procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until LANL WIPP-approved procedures were implemented. The presence of containerized (e.g., butane lighter, lighter fluid can, unpunctured aerosol cans, vials) and uncontainerized liquids have also been observed. Lead shielding is often used to increase handling safety, and thick shielding can obscure RTR observations. Additionally, based on interviews with site personnel performing VE and prohibited item disposition repackaging, internal cans (both shielded and unshielded) have been measured for dose rate during repackaging and found to contain waste with radiation levels exceeding 200 millirem per hour (mrem/hr). Waste packages containing prohibited items identified during characterization activities will be segregated then dispositioned appropriately and/or repackaged to remove the items prior to certification and shipment. Refer to Section 5.4.4 for detailed waste stream prohibited items information.

Waste packaging procedures for LANL waste streams have been modified several times since the beginning of recovery operations, and containers in this waste stream include a variety of configurations with up to six layers of confinement. RTR and/or VE will confirm TRUCON code LA125/225. LA125/225 describes the broadest type of materials and bounds all waste packages in this waste stream. However, TRUCON codes LA115/215, LA116/216, LA117/217, LA118/218, LA119/219, LA122/222, LA123/223, LA154, SQ133/233, and SQ154 have been identified as suitable TRUCON codes for individual containers in this waste stream. Refer to Section 5.5 for detailed packaging information.

Waste stream LA-MHD01.001 meets the definition of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. This waste stream was generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, decontamination and decommissioning (D&D), waste repackaging, and below-grade retrieval operations. Refer to Section 4.3.7 for detailed waste stream delineation information.

2.2 Waste Stream LA-CIN01.001 (Cemented TRU Waste)

Summary Category Group: S3000 – Homogeneous Solids

Waste Matrix Code Group: Solidified Inorganics

Waste Matrix Code: S3150

TRUPACT-II Content Code: LA126/226*

*RTR will confirm TRUCON code LA126/226; however, TRUCON code LA114/214 may be used pending evaluation by the Waste Certification Official of container-specific information.

Waste Stream ATWIR Identification Numbers (Reference 6): LA-TA-55-38, LA-CIN01.001

Layers of Confinement: Maximum of six layers

Waste Stream Description:

Waste stream LA-CIN01.001 consists primarily of inorganic homogeneous solid waste (cemented TRU waste) generated in TA-55. The waste includes materials encased in Portland or gypsum cement such as aqueous and organic liquids from the six operational areas (e.g. nitrate operations), ash, calcium chloride salts, chloride solutions, evaporator bottoms and salts, filter aid, filter cakes (e.g., hydroxide cake), plutonium/uranium filings and fines, glovebox sweepings, graphite powder, HEPA filter media, leached ash residues, leached particulate solids (e.g., ash, sand, slag, and crucible parts), oxides (e.g., americium, metal, and uranium), miscellaneous oils (e.g., pump oil), silica solids, solvents, spent ion exchange resins, trioctyl phosphineoxide and iodine in kerosene, and uranium solutions. A small fraction of debris waste (less than 50 percent by volume) including plastic packaging, metal packaging, and PPE (e.g., leaded gloves) may also be present. Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces).

On a waste stream basis, the two predominant isotopes by mass for waste stream LA-CIN01.001 are Pu-239 and U-238 and over 95 percent of the total activity is from americium (Am)-241, Pu-238, Pu-239, and Pu-241. The radiological characterization information is presented in Section 6.4.2.

The waste stream contains RCRA-regulated constituents and is assigned the following EPA HWNs: F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040. This waste stream does not include wastes containing or contaminated with PCBs. Refer to Section 6.4.3 for the waste stream chemical content evaluation.

Prohibited items are known to be present in the waste stream. The potential for prohibited quantities of liquid due to dewatering is anticipated. In addition, procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until WIPP certification procedures were implemented. The presence of containerized (e.g., butane lighter, lighter fluid can, unpunctured aerosol can, vials) and uncontainerized liquids have also been observed in TA-55 waste. Lead shielding is often used to increase handling safety, and thick shielding can obscure RTR observations. Additionally, based on interviews with site personnel performing VE and prohibited item disposition repackaging, internal cans (both shielded and unshielded) have been measured for dose rate during repackaging and found to contain waste with radiation levels exceeding 200 mrem/hr. Waste packages containing prohibited items identified during characterization activities will be segregated then dispositioned appropriately and/or repackaged to remove the items prior to certification and shipment. Refer to Section 6.4.4 for detailed waste stream prohibited items information.

Waste packaging procedures for LANL waste streams have been modified several times since the beginning of recovery operations and containers in this waste stream include a variety of configurations with up to six layers of confinement. RTR will confirm TRUCON code LA126/226. However, TRUCON code LA114/214 has been identified as suitable for individual containers in this waste stream. Refer to Section 6.5 for detailed packaging information.

Waste stream LA-CIN01.001 meets the definition of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. This waste stream was generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. Refer to Section 4.3.7 for detailed waste stream delineation information.

2.3 Waste Stream LA-MIN02-V.001 (Absorbed Waste)

Summary Category Group: S3000 – Homogeneous Solids

Waste Matrix Code Group: Solidified Inorganics

Waste Matrix Code: S3110

TRUPACT-II Content Code: LA112/212*

*RTR will confirm TRUCON code LA112/212; however, TRUCON codes LA126/226, SQ112/212, SQ113/213, and SQ129/229 may be used pending evaluation by the Waste Certification Official of container-specific information.

Waste Stream ATWIR Identification Number (Reference 6): LA-MIN02-V.001

Layers of Confinement: Maximum of four layers

Waste Stream Description:

Waste stream LA-MIN02-V.001 consists primarily of inorganic particulate waste generated in TA-55. The waste is largely comprised of TRU waste such as liquids and solids absorbed or mixed with absorbent (e.g., Ascarite II, [sodium hydroxide coated silicate], diatomaceous earth [silica and quartz], kitty litter [clay], vermiculite [hydrated magnesium-aluminum-iron silicate], and/or zeolite [aluminosilicate mineral]). Examples of absorbed liquids include acids (e.g., hydrochloric acid, hydrofluoric acid, and nitric acid); carbon tetrachloride; ethylene glycol; kerosene; methanol; methylene chloride; silicone based liquids (e.g., silicone oil); tetrachloroethylene; tributyl phosphate; trichloroethylene; and various types of oils including hydraulic, vacuum pump, grinding, and lapping (mixture of mineral oil and lard). Solids mixed with absorbents are typically evaporator salts (i.e., nitrate salts). The waste is also expected to contain heavy metals such as cadmium, chromium, and lead. Liquids and solids not absorbed or mixed with absorbent are often cemented and disposed of separately in waste stream LA-CIN01.001. A small fraction of debris waste (less than 50 percent by volume) including plastic packaging, metal packaging, lead (e.g., shielding), PPE, and metal fines may also be present. Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces).

On a waste stream basis, the two predominant isotopes by mass for waste stream LA-MIN02-V.001 are Pu-239 and U-238 while over 95 percent of the total activity is from Pu-239, Pu-240, and Pu-241. The radiological characterization information is presented in Section 7.4.2.

The waste stream contains RCRA-regulated constituents and is assigned the following EPA HWNs: F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040. This waste stream does not include wastes containing or contaminated with PCBs. Refer to Section 7.4.3 for the waste stream chemical content evaluation.

Based on the review of container documentation and documented waste management practices, no prohibited items are specifically identified in the waste stream. However, the presence of prohibited quantities of liquid due to dewatering or incomplete absorption is possible. In addition, procedures also allowed containers greater than four liters, sealed with tape, to be used for waste packaging until LANL WIPP-approved procedures were implemented. The presence of containerized (e.g., butane lighter, lighter fluid can, unpunctured aerosol cans, vials) and uncontainerized liquids have also been observed in TA-55 waste. Lead shielding is often used to increase handling safety, and thick shielding can obscure RTR observations. Additionally, based on interviews with site personnel performing VE and prohibited item disposition repackaging, internal cans (both shielded and unshielded) have been measured for dose rate during repackaging and found to contain waste with radiation levels exceeding 200 mrem/hr. Waste packages containing prohibited items identified during characterization activities will be segregated then dispositioned appropriately and/or repackaged to remove the items prior to certification and shipment. Refer to Section 7.4.4 for detailed waste stream prohibited items information.

Waste packaging procedures for LANL waste streams have been modified several times since the beginning of recovery operations and containers in this waste stream include a variety of configurations with up to four layers of confinement. RTR will confirm TRUCON code LA112/212. However, TRUCON codes LA126/226, SQ112/212, SQ113/213, and SQ129/229 have been identified as suitable for individual containers in this waste stream. Refer to Section 7.5 for detailed packaging information.

Waste stream LA-MIN02-V.001 meets the definition of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. This waste stream was generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. Refer to Section 4.3.7 for detailed waste stream delineation information.

2.4 Waste Stream LA-MIN04-S.001 (Salt Waste)

Summary Category Group: S3000 – Homogeneous Solids

Waste Matrix Code Group: Salt Waste

Waste Matrix Code: S3140

TRUPACT-II Content Code: LA124/224

Waste Stream ATWIR Identification Number (Reference 6): LA-MIN04-S.001

Layers of Confinement: Maximum of Four Layers

Waste Stream Description:

Waste stream LA-MIN04-S.001 consists primarily of inorganic homogeneous solid waste (salt waste) generated in TA-55. The waste is largely comprised of salts which are a byproduct from a variety of plutonium metal purification operations including electrorefining, molten salt extraction, salt stripping, fluoride reduction, and direct oxide reduction. Salts serve as a transportation vehicle for plutonium ions and provide a trap for impurities that are driven or extracted out during the purification process. Salt waste can include varying mixtures of calcium chloride, cesium chloride, lithium chloride, magnesium chloride, potassium chloride, sodium chloride, zinc chloride, residual entrained calcium and zinc metal, and various plutonium and americium compounds. The waste may also be contaminated with solvent metals and reagent materials such as barium, bismuth, cadmium, calcium carbonate, gallium, lead, molybdenum, niobium, tantalum, titanium, tungsten, vanadium, yttrium (Y), and zirconium. Salts can be cemented and disposed of separately in waste stream LA-CIN01.001. A small fraction of debris waste (less than 50 percent by volume) including plastic packaging, metal packaging, PPE, and magnesium oxide (MgO) crucible pieces may also be present. Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination; miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces).

On a waste stream basis, the two predominant isotopes by mass for waste stream LA-MIN04-S.001 are Pu-239 and U-238 while over 95 percent of the total activity is from Pu-239, Pu-240, and Pu-241. The radiological characterization information is presented in Section 8.4.2.

The waste stream contains RCRA-regulated constituents and is assigned the following EPA HWNs: F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040. This waste stream does not include wastes containing or contaminated with PCBs. Refer to Section 8.4.3 for the waste stream chemical content evaluation.

Based on the review of container documentation and documented waste management practices, no prohibited items are specifically identified in the waste stream. However, procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until LANL WIPP-approved procedures were implemented. The presence of containerized (e.g., butane lighter, lighter fluid can, unpunctured aerosol cans, vials) and uncontainerized liquids have also been observed in TA-55 waste. Lead shielding is often used to increase handling safety, and thick shielding can obscure RTR observations. Additionally, based on interviews with site personnel performing VE and prohibited item disposition repackaging, internal cans (both shielded and unshielded) have been measured for dose rate during repackaging and found to contain waste with radiation levels exceeding 200 mrem/hr. Waste packages containing prohibited items identified during characterization activities will be segregated then dispositioned appropriately and/or repackaged to remove the items prior to certification and shipment. Refer to Section 8.4.4 for detailed waste stream prohibited items information.

Waste packaging procedures for LANL waste streams have been modified several times since the beginning of recovery operations and containers in this waste stream include a variety of configurations with up to four layers of confinement. RTR will confirm TRUCON code LA124/224. Refer to Section 8.5 for detailed packaging information.

Waste stream LA-MIN04-S.001 meets the definition of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. This waste stream was generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. Refer to Section 4.3.7 for detailed waste stream delineation information.

3.0 ACCEPTABLE KNOWLEDGE DATA AND INFORMATION

TRU waste destined for disposal at the WIPP must be characterized prior to shipment. The WIPP-WAP (Reference 1) permits use of knowledge of the materials and processes that generate and control the waste, and a clear and convincing argument about the characteristics of the waste is provided. The AK characterization documented herein complies with the requirements of the WIPP-WAP and was developed in accordance with CCP-PO-001 (Reference 7), and CCP-TP-005 (Reference 8).

The references and AK sources used to prepare this report are listed in Section 10.0 and 11.0, respectively. The AK sources referenced within this report by alphanumeric designations (e.g., C001, D001, DR001, M001, P001, and U001) correspond to the Source Document Tracking Number using the following convention:

- C – Correspondence
- D – Documents
- DR – Discrepancy Resolution
- M – Miscellaneous
- P – Procedures
- U – Unpublished

4.0 REQUIRED PROGRAM INFORMATION

This section presents the waste management program information required by the WIPP-WAP (Reference 1). Included is a brief operational history of this facility, summaries of the missions, discussions of waste generating operations, and descriptions of the site's waste management program as it relates to these waste streams. Attachment 1 of CCP-TP-005 (Reference 8) provides a list of TRU waste management program information required to be developed as part of the AK record.

4.1 Facility Location

LANL is located in Los Alamos County in north-central New Mexico, approximately 60 miles north-northeast of Albuquerque and 25 miles northwest of Santa Fe. LANL has been owned and operated by the DOE and its predecessor for over 50 years. The LANL site encompasses 43 square miles subdivided into 49 TAs. Figure 1, Location of LANL Site, shows the location of LANL and the TAs. As illustrated by Figure 2, Location of the PF-4 at TA-55 LANL Site, PF-4 is located in TA-55 (References D025 and D084).

4.2 LANL Operational History

In 1942, the U.S. Army Manhattan Engineering District established Project Y to develop the atomic bomb. The research quickly progressed to a point that required a remote site for experimental work, and the Army selected the Los Alamos Ranch School for Boys as an appropriate location. The Undersecretary of War directed acquisition of the school site, which consisted of a group of approximately 50 log buildings on a 790-acre site northwest of Santa Fe. The project ultimately acquired an additional 3,120 privately-owned acres and 45,666 acres of public land managed by the U.S. Forest Service. In 1943, this land became known as the Los Alamos Site, later as the Los Alamos Scientific Laboratory. It is now named the Los Alamos National Laboratory. Since its inception, the University of California (UC) has operated LANL for the federal government. With the end of World War II and the growth of international competition, a national policy of maintaining superiority in the field of atomic energy was established. Congress chose to sustain the Los Alamos site; the U. S. Atomic Energy Commission (AEC) received control of LANL from the Army and renewed the operating contract with UC. During subsequent years, LANL continued to expand at a steady rate, first under the AEC and later under the Energy Research and Development Administration. Since 1978, LANL has operated under the control of the DOE.
In 2006, a consortium of Bechtel, UC, BWX Technologies, and URS Energy and Construction (URS acquired Washington Group International in 2007) formed Los Alamos National Security, LLC (LANS) to operate LANL (References D041, D071, D082, and D083).

4.2.1 LANL Site Mission

Since its inception, the primary mission of LANL has been nuclear weapons R&D. LANL's current mission supports disciplines that enable LANL to contribute to defense, civilian, and industrial needs. Included in this mission are the research, design, development, and analysis of nuclear weapons components; support for research programs in the national interest; energy and environmental research; and environmental management. In achieving mission objectives, LANL used, and continues to use, hazardous and radioactive materials. Solid waste containing TRU contamination has been, and continues to be, generated as a result of plutonium R&D, processing and recovery operations, facility and equipment maintenance, and D&D projects (References D071, D082, and D083).

4.2.2 TA-55 PF-4 Mission

Since the beginning of its operations in 1979, the primary missions of the PF-4 were basic SNM research and technology development; processing a variety of plutonium-containing materials; and preparing reactor fuels, heat sources, and other SNM devices. Research and technology development at the PF-4 includes collaborations with other LANL facilities and DOE sites (e.g., Sandia National Laboratories [SNL]). The PF-4 has been used for the extraction and recovery of plutonium from waste, residues, site return, and scrap generated from operations at various LANL facilities and other DOE sites in the defense complex. These materials are processed to recover as much plutonium as economically feasible. The recovered plutonium is converted into pure plutonium feedstock to be returned to weapons production or related operations. The plutonium recovery process handles primarily Pu-239 and Pu-242 based samples. These are categorized based upon isotopic make-up into various Material Types (MTs). The associated research operations involve other plutonium isotopes, different uranium isotopes, and minor amounts of several other radioisotopes (References C238, D025, D045, D071, D092, M019, M215, M216, M217, M218, M219, and M222).

In addition to weapons production, Pu-238 heat sources have been manufactured at LANL by the Actinide Ceramics and Fabrication Group in PF-4. The operations associated with heat source manufacturing, metallography, Pu-238 recovery, and scrap processing have been conducted in the 200 Wing (Rooms 201, 204, 205, 206, and 207) of PF-4. As described in Section 4.4.7, the following Pu-238 heat source programs have been conducted in PF-4 since 1979 (References C192, C194, C197, C212, C220, and D071):

- Defense Programs MilliWatt Generator (MWG): Between 1979 and 1990, the Savannah River Site (SRS) produced the Pu-238 feed material to manufacture MWG heat sources to provide electrical power for defense nuclear weapons and defense satellite programs.

- National Aeronautics and Space Administration (NASA) Space Missions: Between 1979 and 1990, some of the Pu-238 was used for NASA space missions, including the 1984-1985 Galileo space mission.

- War Reserve Quality Heat Sources and Defense Program Radioisotope Thermogenerators (RTGs): From 1981 to 1990, LANL manufactured 3,000 War Reserve Quality Heat Sources under the Defense Program MWG Heat Source Program. These heat sources were transferred to the General Electric Neutron Devices Facility to be incorporated into Defense Program RTGs.

- NASA General Purpose Heat Source (GPHS) and Light Weight Radioisotope Heater Unit (LWRHU) Programs: From 1992 to 2002, a portion of the Pu-238 used in NASA's GPHS and LWRHU for the Cassini space mission was recycled from Defense Program Pu-238 and from the MWG Heat Source Program.

- Defense Program MWG Heat Source Recycling: Recycling, recovery, and reprocessing of Pu-238 from Defense Program MWG heat sources for use in both Defense Program and NASA missions have continued intermittently through 2002 and were expanded in 2003. Approximately 200 sources a year were recycled to meet projected production schedule requirements for both national security and NASA programs. This process is currently inactive.

These TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations are the sources of these waste streams. Although TA-55 is comprised of several support buildings, waste streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 are limited to waste originally generated in PF-4 at TA-55.

4.2.3 Defense Waste Assessment

DOE/WIPP-02-3122 (Reference 3) requires generator sites to use AK to determine if the TRU waste streams to be disposed at WIPP meet the definition of TRU defense waste. Based on guidance from DOE, TRU waste is eligible for disposal at WIPP if it has been generated in whole or part by one of the atomic energy defense activities listed in Section 10101(3) of the *Nuclear Waste Policy Act of 1982* (NWPA) (Reference 19).

Waste streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 were generated by or originated from materials used in the process to recover plutonium from residues, metal fabrication, and R&D in support of weapons development. These plutonium processing operations include:

- Preparing ultra-pure plutonium metals, alloys, and compounds
- Preparing (on a large scale) specific alloys, including casting and machining these materials into specific shapes
- Determining high-temperature thermodynamic properties of plutonium
- Reclaiming plutonium from scrap and residues produced by numerous feed sources
- Disassembling components for inspection and analysis
- Manufacturing of parts on a limited basis
- Processing plutonium oxide, uranium oxide, americium oxide and mixtures of plutonium and uranium oxides for reactor fuels

The operations generating wastes in LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 are described in detail in Section 4.4 of this report. Although some non-defense program related projects were performed in PF-4, most of the operations generating these waste streams are consistent with the WIPP-WAC defense description. Waste from non-defense program operations were commingled in the final waste containers to such an extent that segregation is not possible. It should be noted that a defense determination has previously been accepted for waste originating from these PF-4 weapons operations (References C040, C057, C067, C082, and D041).

TRU waste contained in these waste streams were also contaminated by the programs associated with the manufacturing of Pu-238 heat sources described in Section 4.4.7. The original source of plutonium for all LANL Pu-238 operations was the defense production K Reactor at the SRS. From 1979 to 1980, Pu-238 was generated by two production campaigns involving the irradiation of neptunium targets. The neptunium was a defense by-product from the production of Pu-238 for weapons. Pu-238 of such domestic origin is considered "defense born" from waste management activities associated with by-product materials from "atomic energy defense activities" (References C192 and C212).

As described in Section 4.4.7, both defense and non-defense programs were conducted in PF-4. Processing and manufacturing of heat sources for defense and non-defense applications use identical processing steps and common equipment and glovebox lines. Processing can occur simultaneously within the same line of gloveboxes and TRU waste is generated throughout the process and manufacturing steps. The wastes from defense and non-defense Pu-238 programs are not segregated; the wastes from these campaigns are packaged in the same waste containers. The resulting process wastes are commingled and managed as defense TRU waste generated in whole or part by

atomic energy defense activities. It has also been determined that future segregation of defense from non-defense waste by Pu-238 operations at LANL is not feasible, due to the fact that these projects are performed in the same lines. Additionally, since the source of Pu-238 feed for these programs includes recycled Pu-238 materials, the resulting wastes will be commingled with contamination originating from defense activities (References C190, C192, C204, C212, and M308).

In May of 2004, the DOE Carlsbad Field Office (CBFO) determined that the LANL Pu-238 wastes originally generated at PF-4 in TA-55 are generated in whole or in part by atomic energy defense activities and therefore are defense wastes that can be disposed of at the WIPP if all of the other requirements applicable to TRU waste to be placed in the repository are met (Reference C212).

Based on a review of the AK, waste containers in LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 meet the WIPP-WAC (Reference 3) definition of TRU defense waste and can be categorized as items D, E, and G of the activities listed in Section 10101(3) of the NWPA (Reference 19), and detailed in the *Interim Guidance on Ensuring that Waste Qualifies for Disposal at the Waste Isolation Pilot Plant* (Reference 4):

- Defense nuclear waste and materials by-products management
- Defense nuclear materials production
- Defense research and development

4.2.4 Spent Nuclear Fuel and High-Level Waste Assessment

Public Law 102-579, *The Waste Isolation Pilot Plant Land Withdrawal Act* (Reference 5) prohibits the disposal of spent nuclear fuel and high-level waste as defined by the NWPA (Reference 19) at WIPP. According to the NWPA, spent nuclear fuel is "fuel that has been withdrawn from a nuclear reactor following irradiation, the constituent elements of which have not been separated by reprocessing." The *DOE Radioactive Waste Management Manual* (Reference 11) expands on this definition to clarify that "Test specimens of fissionable material irradiated for research and development only, and not production of power or plutonium, may be classified as waste, and managed in accordance with the requirements of this Order when it is technically infeasible, cost prohibitive, or would increase worker exposure to separate the remaining test specimens from other contaminated material." High-level waste is defined by the NWPA as "the highly radioactive material resulting from the reprocessing of spent nuclear fuel, including liquid waste produced directly in reprocessing and any solid material derived from such liquid waste that contains fission products in sufficient concentrations, and other highly radioactive material that the Commission, consistent with existing law, determines by rule requires permanent isolation." These waste streams consist of waste contaminated with radioactive material from TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. These operations did not

involve separation or reprocessing of constituent elements from reactor fuel. These waste streams do not contain irradiated fuel elements withdrawn from a reactor or pieces thereof. Therefore, the wastes are not a spent nuclear fuel, not high-level waste, not historically managed as high-level waste, and are eligible for disposal at WIPP as TRU waste (References 5, 19, D023, M014, M015, P094, and P118).

4.3 TRU Waste Management

The LANL waste management goal is that all waste generated is stored, transported, treated, and disposed of in a manner that protects the environment, workers, and the public. The overall requirements for managing waste are summarized in the Laboratory Performance Requirement (LPR) document, *Environmental Protection* (Reference D059). Currently, LANL TRU Programs and waste management personnel are responsible for establishing waste management programs that are consistent with applicable DOE orders and state and federal regulations. The State of New Mexico issued LANL's current Hazardous Waste Facility Permit (HWFP) to the DOE and LANS in November 2010 (References D003, D025, and D041).

TRU mixed and non-mixed waste is generated at LANL primarily from R&D, processing and recovery operations, and D&D projects. On April 22, 2003, weapons fabrication and manufacturing operations at LANL were re-established with the successful production of the first nuclear weapons pit in 14 years in the DOE complex that meets specifications for use in the U.S. stockpile (References D013, D025, D041, and M006).

The following sections discuss TRU waste identification systems used at LANL; historical and present-day TRU waste management practices; and LANL treatment, storage, and disposal facilities (TSDFs) for TRU mixed waste.

4.3.1 TRU Waste Identification and Categorization

Several waste identification and categorization conventions have been used as part of waste management operations for TRU mixed waste generated at LANL. The waste identification system used for a particular waste container depends largely upon the date of placement into storage. Specific waste identification conventions at LANL include the assignment of Radioactive Solid Waste Disposal (RSWD) Codes, Item Description Codes (IDCs), Nuclear MT, Process/Status (P/S) Codes, SNM Matrix Codes, and TRUCON Codes to containers of TRU waste. When applicable, these waste identification conventions were used to assist the original waste stream delineations (References 9, D083, and D084).

RSWD Codes

RSWD Codes were first used at LANL in January 1971 and were discontinued in 1992. The RSWD Codes are a two-digit code preceded by the letter "A". The RSWD Codes were used at LANL to categorize TRU waste forms generated by the various on-site

facilities. The RSWD Codes associated with waste in these waste streams are defined in Figure 3, RSWD Code Descriptions Table (References D025, D041, D083, and M296).

IDCs

IDCs were first used at LANL in July 1984 and discontinued in 1992. The IDCs generally consist of a three-digit number representing the most general descriptions of TRU waste. The IDCs associated with waste in these waste streams are listed in Figure 4, Item Description Codes (IDC) Table (References D025, D041, D083, and M296).

TRUCON Codes

TRUCON codes were first used at LANL in October 1992, and are presently in use. The system of TRUCON codes was developed by the DOE to provide a consistent waste description for TRU waste generated throughout all of DOE's facilities. The TRUCON codes are intended to assist DOE in establishing the characteristics of TRU waste to be certified for transportation to the WIPP. LANL TRUCON codes consist of a three-digit number preceded by the letters "LA" and followed by a single character suffix that further defines the waste type, source, and/or packaging configuration. Detailed definitions of the LANL TRUCON codes are found in the TRUCON codes (References 9, D025, D041, D083, and D084).

LANL identification systems used for tracking SNM provide additional information about the physical form and chemical content of TRU waste. SNM tracking systems include the use of P/S Codes, SNM Matrix Codes, and MT Codes (References D025 and D041).

P/S Codes

Individual plutonium processing operations at the LANL PF-4 are assigned a unique identifier called a P/S Code. These codes are used for the purpose of nuclear material accounting. A consolidated listing of the P/S Codes is provided in Figure 5, TA-55 Process/Status Code Index Table (References D025, D041, D083, and M298).

Waste items are labeled with a unique Item Identification (ID) Code that contains information on the waste material parameter of the item (the SNM Matrix Code) and an embedded P/S Code that corresponds to nuclear materials accountability for the operation that produced the waste item. The P/S Code refers to a specific part of an operation within the overall plutonium-recovery process, but generally applies to more than one glovebox, or to the same operation carried out in multiple locations or gloveboxes in the PF-4. Recording the P/S Codes on disposal documents was inconsistent until about 1995 (References D025, D041, D083, D084, M019, M215, M216, M217, M218, M219, M222, M224, M226, M236, M296, and P036).

Starting in 1987, PF-4 began its current system of tracking waste items by their nuclear material content, using the computerized Material Accountability and Safeguards System (MASS). The MASS and associated P/S Codes were developed and are used strictly to track accountable nuclear material throughout the plutonium-recovery process. However, the P/S Codes provide the finest level of detail available to associate waste items with a specific operation of origin. Therefore, the P/S Code System is used extensively in the description and documentation of AK information for RCRA and for chemical constituents for the plutonium-processing derived waste. While a P/S Code can be associated with most waste items generated after 1987 and all items generated after 1995, the P/S Code does not provide a method of segregating waste or delineating waste streams. TRU waste items are packaged into drums based on the isotopic material content of the waste and Nondestructive Assay (NDA) characteristics without regard to process of origin (References C187, D025, D041, D083, and D084).

Matrix Codes for SNM

For the purposes of SNM tracking, individual waste items generated at the PF-4 are assigned a SNM matrix type that provides a description of the waste physical form. Discard Limits (DLs) for plutonium in the various types of waste matrices are established by the waste-generating group, and approved by the LANL division office and the DOE Albuquerque Operations Office (References C187, D025, D041, D083, and D084).

MTs

In addition to the IDC, TRUCON, and RSWD Codes, which provide information about the physical form, matrix, and chemical nature of waste, LANL employs MT designations to describe the relative isotopic composition of radioactive contamination. The designated MT is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex. The most common MTs present in LANL TRU waste are weapons-grade plutonium (MT-51 and -52); fuel grade (MT-53 and -54); reactor-grade plutonium (MT-55 through -57); enriched Pu-242 (MT-42); and heat-source plutonium (MT-83). The radionuclide and MT content of LANL TRU waste is discussed in Sections 5.4.2, 6.4.2, and 7.4.2 (References D025, D041, and D083).

4.3.2 Historical TRU Waste Management Practices

In 1970, the AEC, a predecessor of the DOE, directed its facilities to begin storing TRU waste in such a way that it could eventually be retrieved for shipment to WIPP. LANL then began segregating TRU waste from other wastes and dedicating specific areas within Area G at TA-54 for management (References D025, D041, D083, and D084).

Historically (i.e., the period 1970 to 1987, prior to the implementation of the LANL TRU waste certification plan) wastes from all TRU waste-generating activities at LANL were handled and packaged according to the Los Alamos Scientific Laboratory Health, Safety and Environment Manual. Waste management practices for radioactive waste initially followed AEC requirements (U.S. Atomic Energy Commission AEC Manual: Chapter 0511, *Radioactive Waste Management* [AEC 1973]) (Reference 10) and later, DOE Orders 5820.1, *Management of Transuranic Contaminated Materials* and 5820.2A, *Radioactive Waste Management* (DOE, 09/30/82 and 02/06/84, respectively) (Reference 12). Detailed waste handling and management requirements were documented in division and group-level operating procedures (References D025, D041, D083, and D084).

In 1984, the *Los Alamos TRU Waste Certification Plan for Newly Generated TRU Waste* (Reference D037) was prepared for implementation with LANL newly generated TRU waste. Each LANL waste generator was required to develop an attachment to this plan to define the details of the waste certification functions and controls that applied to their specific operations and waste streams (References D025, D041, D083, and D084).

Originally located at TA-21, PF-4 was relocated to the present-day site at TA-55 in 1978, where operations commenced in 1979. Waste management at PF-4 was focused on minimizing the amount of waste generated and minimizing the plutonium content of that waste (References P102 and P188). Personnel were requested to sort potentially recyclable TRU waste items (i.e., those containing recoverable amounts of plutonium) into classes such as rubber, plastics, rags, non-plutonium metals, glass, oils, cans, sweepings, etc. These waste items were assayed, and based on the plutonium level relative to the DL, material was either sent to recovery operations or to "20-year" retrievable storage. Liquids were explicitly prohibited from any container of solid waste materials (References D025, D041, D083, D084, P102, and P188).

TRU waste generators were required to complete the RSWD form. The RSWD form included the waste IDs listed in Figure 3. An example of the RSWD form is included in Figure 6, Example Generator Container Specific Documentation. The physical description of each waste item generated at PF-4 was documented on a Discardable Waste Log Sheet, also shown in Figure 6 (References D025, D041, D083, and D084).

4.3.3 Present-Day TRU Waste Management Practices

Currently, LANL radioactive waste management practices follow DOE Order 435.1, *Radioactive Waste Management* (Reference 11). LANL waste management requirements applicable to TRU mixed and non-mixed waste are addressed in three Laboratory Implementation Requirements (LIRs) as follows (References D025, D041, D083, and D084):

- General Waste Management Requirements (References M014 and M300)
- Hazardous and Mixed Waste Requirements (References M016 and M301)

- Managing Radioactive Waste (References M015 and M302)

The LANL waste analysis plan for storage of transuranic mixed waste is contained in Attachment A.2 to the LANL Hazardous Waste Permit (Reference D004).

4.3.4 TRU Waste Generator Documentation Requirements

TRU waste generators at LANL are required to complete forms that document the physical, chemical, and hazardous nature of waste and provide substantial AK information. Some of these forms are specific to the Chemistry and Metallurgy Research (CMR) and Plutonium Facilities, which generate the majority of LANL's TRU waste. LANL has used a Waste Profile Form (WPF) system since May 1991. Waste generators must complete a WPF for waste-stream specific information. This form documents the process that generated the waste, the location of waste generation, the physical form of the waste, the RCRA-regulated constituents present, and the radionuclides present. Guidance to generators for completion of the WPF is given in the Laboratory Implementation Guidance (LIG) document LIG 404-00-03.1, *Waste Profile Form Guidance* (References D025, D041, M012, and M303).

Generators must provide new WPFs when a process change results in a change in waste composition or when a new waste is generated. For routinely generated waste (i.e., routine operations waste), the WPF must be re-evaluated annually to ensure the information is current and correct. The WPF includes the Land Disposal Restrictions (LDR) notification, which further documents the RCRA-regulated nature of waste. Specific information that is requested on the WPF includes (References D025, D041, D083, and D084):

- Point of generation
- Method of characterization
- Waste categories and descriptions
- Presence of toxic metals and an estimate of concentration
- Presence of organic compounds and an estimate of concentration
- Identification of RCRA-listed hazardous constituents
- Identification of RCRA hazardous characteristics (i.e., ignitability, corrosivity, reactivity, toxicity)
- Identification of the radiological characteristics of the waste

The information on the WPF must be certified as complete and accurate, as evidenced by the signature of the waste generator. The annual re-evaluation complies with the characterization frequency requirement of 20 New Mexico Administrative Code 4.1, Subpart V, 264.13(b)(4), revised November 1, 1995 (References D025 and D041). Waste generation information for individual TRU waste containers is required to be documented on the TRU Waste Storage Record (TWSR). The TWSR is reviewed and approved in accordance with AP-SWO-006, *Review and Completion of the TWSR* (Reference D058) and is not approved unless the waste is associated with a valid, active WPF. The TWSR documents the type of packaging, generating organization, radionuclide and hazardous material content of the waste, dose rates, TRUCON code, and storage site information (e.g., building number, location, date of receipt). Guidance to generators for completion of the TWSR is provided in LIG document LIG404-00-01.2, *Waste Generator Guidance for Completing the TRU Waste Storage Record* (TWSR) (References D025, D041, D083, D084, M013, M296, and M304).

The TWSR form for PF-4 waste is completed in the Nuclear Materials Technology (NMT) Division Waste Management System (WMS) database and reviewed electronically. The TWSR is reviewed and approved in accordance with AP-SWO-006, *Review and Completion of the TWSR* (Reference D058), and is not approved unless the waste is associated with a valid, active WPF. Examples for Waste Acceptance Criteria (WAC) exceptions include tritium-contaminated waste and waste packaged in nonstandard waste containers. The Waste Acceptance Criteria Exception Form (WEF) is reviewed according to AP-SWO-015, *Processing Waste Acceptance Criteria Exception Forms* (References D025, D041, and D057).

The physical description of each waste item generated is documented on a Waste Origination and Disposition Form (WODF) by the waste generator according to controlled procedures (References P090, page 24; P091, Appendix 1; and P095, Appendix B in *Inspecting, Packaging, Rejecting, and Remediating Transuranic Waste for WIPP and for TA-54 Safe Storage*). Items are bagged out of gloveboxes and sent to the Waste Management section, where multiple items are placed into drums (References D025 and D041).

Waste items are labeled with an ID code that contains information on the waste material parameter (WMP) of the item and an embedded P/S Code that corresponds to nuclear materials accountability for the operation that produced the waste item. In the packaging operation for legacy waste, a standard form, the Discardable Waste Log Sheet (DWLS), was used to list each ID code (Reference P090, page 25; P091, Appendix 2; and P095, Appendix C). This form was signed by the waste packager and approved by QA personnel (References D025 and D041).

Both the WODF and DWLS for each TRU waste container are maintained as hard copy records by the generator. Many of these waste tracking ID codes for individual items in containers of debris waste are compiled in a list that correlates item codes with containers or in a database maintained as the WMS (References D025, D041, and U004).

The WODF and DWLS forms were often attached to the Certified Waste Storage Record (CWSR) for legacy waste. The CWSR documented waste packaging information including the type of packaging, generating organization and location, radionuclide content, dose rates, presence of toxic or corrosive materials, and storage site information. The CWSR was modified in the early 1990s and changed to the TWSR (References D037 and P090).

Figure 6 includes an example of legacy container records. Note that this waste container example (LA00000057745) contains waste items associated with seven different P/S Codes (BM, EOC, FF, OM, SS, TIGR, and XO) (See Figure 5, TA-55 Process/Status Code Index Table). Each of the waste items is linked to a unique WODF. Information encoded in the ID code indicates that five of the seven waste items are metal (MET), while the remaining two from P/S Code SS are crucibles (XBL). These and other matrix abbreviations used by waste management personnel are listed in Appendix D of *Performing Visual Examinations of TRU Waste* (References D025, D041, and P097).

For waste generated after July 17, 2001 (i.e., LANL newly generated), the physical description of each waste item generated is documented on a WODF by the waste generator in accordance with *TA-55 Transuranic Waste Interface Document* (TWID) (Reference P092) and *Performing Visual Examinations of TRU Waste* (Reference P097). The term "LANL newly generated," as it is used in this report, is related to LANL waste management practices and is not intended to indicate how CCP will characterize LANL generated TRU waste. The WODF is generated electronically in the WMS database. The P/S Code for waste items is also documented on this form. The PF-4 at TA-55 tracks waste items both by the P/S Code from which they originated as well as by their material content, using the computerized MASS. Waste items are labeled with a code that contains information on the WMP of the item and an embedded P/S Code that corresponds to the operation that produced the waste item. In the packaging process, the WMS is used to list each ID code and record its matrix material electronically (Appendix B in *Performing Visual Examinations of TRU Waste* [Reference P097]). This form is electronically signed by the waste packager and approved by QA personnel. The WODF(s) for each item in a TRU waste container are maintained electronically and a hard copy is printed after all approvals are in place (References D025 and D041). Figure 6 includes an example of a LANL newly generated container. Note that this waste container (LA00000059359) contains waste items generated by four different P/S Codes (ITF, CA, RB, and RBJ); each waste item is listed with its own completed WODF. (The P/S Code of each waste item is listed in the Measurement Information field under PS near the center of the WODF screen).

Information encoded in the ID indicates that one of the waste items is combustible waste (COM), another is rubber (RUB), and the remaining four are plastics (PLS) (References D025 and D041).

4.3.5 LANL Treatment, Storage and Disposal Facilities for TRU Waste

LANL's inventory of TRU waste destined for disposal at the WIPP is stored at TA-54, Area G, which has been in operation since 1957. TRU waste management at Area G included drum venting, decontamination and volume reduction, and buried waste retrieval operations. The characterization requirements for storage of TRU mixed waste are contained in the LANL HWFP, Attachment A.2, *Waste Analysis Plan for Transuranic Mixed Waste* (References 17, D025, and D041).

In the late 1970s, facilities throughout the DOE complex recognized the need to upgrade the retrievability of TRU waste. As a result, LANL constructed three asphalt storage pads for TRU and TRU mixed waste storage at Area G, referred to as Storage Pads 1, 2, and 4. The waste containers were configured in densely packed arrays and subsequently covered with earth to provide protection from weather and be consistent with DOE's principle of maintaining exposure as low as reasonably achievable (ALARA) (References D025, D041, D083, and D084).

The Transuranic Waste Inspectable Storage Project (TWISP) was initiated in 1997 to retrieve waste in earthen covered storage at Area G and place the waste in an inspectable configuration in aboveground storage domes (see the *Transuranic Waste Inspectable Project (TWISP) Final Report* (Reference D056). Retrieved containers were vented and fitted with filters; thus, the completion date of the TWISP (December 31, 2001) can be used to establish the drum age criterion if RTR verifies that the drum liner lid, if present, has been punctured. The TWISP was executed in three campaigns. The first, Pad 1, began in March 1997 and was completed in November 1998. The second campaign, Pad 4, was completed in December 1999, and the third campaign, Pad 2 was completed in December 2001 (References C002, C216, D025, D041, D083, and D084).

Waste containers that fail to meet WIPP criteria are sent to the TA-50 Waste Characterization, Reduction, and Repackaging (WCRR) Facility; the TA-54 Building 412 facility formerly known as the Decontamination and Volume Reduction System (DVRS) facility; the TA-54 Dome 231 Permacon; or the TA-54 Dome 375 TRU Oversized Waste Processing Capability Project, also referred to as the Box Line Process, to be safely remediated. The WCRR facility was established in 1979 as the Size Reduction Facility (SRF) to size-reduce non-routine waste items such as decommissioned gloveboxes. In 1993, the name of the SRF was changed to the WCRR Facility to reflect the expanded remediation/repackaging mission. Size reduction operations at the WCRR Facility were discontinued around 1997. The TA-54 Building 412 facility operated for a short time in the early 2000s and resumed operations again in 2010. The TA-54 Dome 231 Permacon was established in 2006.

The TA-54 Dome 375 Box Line Process began operations in 2012. All three TA-54 facilities perform the same basic functions including sorting, segregating, size reduction, and repackaging operations on waste containers that contain WIPP nonconforming items and safely processes oversized containers (e.g., fiberglass-reinforced plywood [FRP] waste boxes, corrugated metal boxes [CMBs]). Figure 1 identifies the general location of these facilities (References C163, C165, C185, D013, D026, D041, D062, P154, P158, P159, P192, P194, P195, P196, P197, P198, P199, P203, and P204).

4.3.6 Types and Quantity of TRU Waste Generated

The waste streams described by this report have been characterized as TRU mixed waste. The characterization information presented in this document is based on the review of container-specific information for those containers listed in the most current AK Tracking Spreadsheet. Refer to Sections 5.2, 6.2, 7.2, and 8.2 for the container counts and volumes for each individual waste stream.

Each payload container shipped to the WIPP will be certified in accordance with CCP-PO-002 (Reference 16), as containing more than 100 nanocuries per gram (nCi/g) of alpha emitting isotopes with half-lives greater than 20 years. Overpacking of waste containers for the purposes of payload management, as described in Appendix E of the WIPP-WAC (Reference 3) will not be implemented for these waste streams. The fraction of waste containers that contain less than 100 nCi/g has not been estimated.

4.3.7 Correlation of Waste Streams Generated from the Same Building and Process

The WIPP-WAP defines a waste stream as waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity (Reference 1). Based on a review of the AK documentation, waste streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001, were generated during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. Container-specific records have been reviewed to verify the physical composition and origin of the individual waste stream inventories. It has been determined that every container included in the most current AK Tracking Spreadsheet was generated from the operations described in Section 4.4. In addition, each of these waste streams have been categorized into a single Waste Matrix Code (as described in Sections 5.4.1, 6.4.1, 7.4.1, and 8.4.1) and have been classified entirely as TRU mixed waste (as described in Sections 5.4.3, 6.4.3, 7.4.3, and 8.4.3). The following subsections provided further basis for the waste stream delineations (References C171, M019, M156, M215, M216, M217, M218, M219, M222, M224, M226, M236, M238, M241, M242, M273, M274, M275, M276, M279, M296, and M298).

Evaluation of CCP-AK-LANL-007 Containers

This report has combined containers and the relevant AK information from waste stream LA-MHD02.001 previously described in CCP-AK-LANL-007 (Reference 20), with waste stream LA-MHD01.001. Waste containers from LA-MHD02.001 have been combined into waste stream LA-MHD01.001 for the following reasons (References C144 and C145):

- An exclusively Pu-238 waste stream (LA-MHD02.001) was originally created because LANL waste management operations had been attempting to segregate Pu-238 materials originating from defense and non-defense operations based on local DOE decisions made in August 1998. The May 2004 memo from CBFO to Ed Wilmont (Reference C212) resolved this issue by concluding that segregation of a non-defense waste stream is not feasible and all Pu-238 waste containers originally from TA-55 should be managed as defense waste. Additionally, waste stream LA-MHD01.001 currently includes containers loaded with packages of other MTs that have not been segregated from the waste stream based on the radiological content of the containers. Without a defense determination driver for maintaining a separate heat source waste stream, segregation of these containers is unnecessary with the designation of waste streams pursuant to the WIPP-WAP (Reference 1).

- As described in Section 4.3.1, the segregation of existing TA-55 waste containers into separate waste streams was an administrative exercise based on generator identified MTs on a container-by-container basis. Throughout the time period of generation of TA-55 TRU waste, containers were loaded with waste without regard for segregation of different MTs. Consequently, only those containers containing exclusively heat source plutonium waste could be included in waste stream LA-MHD02.001.

- During subsequent CCP characterization activities, NDA has rejected approximately four percent of the containers identified by AK as containing solely heat source plutonium because the predominant isotope was Pu-239.

- As described in Section 4.4, the operations that generated these waste materials are similar and both populations have been assigned the same EPA HWNs because of LANL waste management practices. These operations have generated a population of waste that is similar in material, physical form, and hazardous constituents.

Evaluation of Nonhazardous Debris Containers

The LANL Project 2010 (formerly the LANL TRU Waste Certification Program) delineated a small population of nonhazardous containers, based primarily on the assignment of P/S Codes for specific operations and the date of generation. Initial

shipments of this nonhazardous stream in 1999 included containers of recently-generated debris carefully selected by P/S Code to ensure a nonhazardous population (References 13, DR004, and M310).

Supplemental information was collected on a representative sample of this waste stream to verify that this lot of containers was nonhazardous. Suspect waste packages were removed from individual containers during inspection. Solid sampling of the debris materials was performed and demonstrated that the RCRA metal contaminants would not exceed the regulatory thresholds for this inventory. Since solid sampling of debris waste and inspection and segregation of hazardous items will not be performed for the remainder of the inventory, a more conservative characterization approach has been adopted for the remaining inventory, which is reflected in this report (References D075, DR004, and M310).

As described in Section 5.4.3, this approach is further justified, based on the review of the existing AK documentation for reasons including (References DR004 and M310):

- Several operations identify the potential for RCRA-regulated constituents and most of the P/S Codes generated waste containing leaded gloves prior to May 1992.
- The assignment of P/S Codes was not initiated until 1987 and the codes were inconsistently used until 1995.
- Wastes from multiple P/S Codes are routinely combined in the same container.
- Recovery operations may concentrate RCRA metal contaminants.
- Different EPA HWNs have been assigned to the waste during previous characterization efforts at LANL and RCRA allows for the conservative assignment of EPA HWNs.

All of the waste covered by this report was originally generated by the TA-55 operations described in Section 4.4. Prior to June 2005, CCP had delineated a non-mixed debris waste stream generated by PF-4 plutonium recovery operations (CCP waste stream LA-NHD01.001); however, based on CCP characterization test results, containers previously assigned to the non-mixed population have been reevaluated and assigned to the mixed debris waste stream. There are no longer any containers assigned to the non-mixed waste stream (References 13, DR004, and M310).

Evaluation of Segregated Debris Containers

The LANL Project 2010 also historically categorized PF-4 generated mixed debris waste into two separate waste streams based on physical composition. PF-4 packaging practices resulted in waste segregation by physical matrix type for assay purposes

(References P091 and P098). This practice resulted in many debris containers being comprised exclusively of like material, such as metal, glass, HEPA filters, and combustibles such as plastic and cellulose. LANL determined that two waste streams, one primarily combustible, and one primarily non-combustible would be delineated. However, these materials were generated from the same process operations; contain the same chemical and radiological contaminants, and PF-4 segregation practices resulted in incomplete segregation to the extent that delineation of two debris waste streams is not supported by the AK reviewed by CCP. This conclusion is further supported by an evaluation of pre-Waste Analysis Plan (WAP) RTR data for 529 containers that revealed that more than 15 percent of containers in the combustible waste stream contained more than 50 percent non-combustible material, and more than 11 percent of containers in the non-combustible waste stream contained more than 50 percent combustible material. Based on this information, it was determined that segregation of this population of debris waste containers into two waste streams is not practical and only one waste stream is defined for this population of containers. (References U002 and U007).

Evaluation of Homogeneous Waste Containers

LANL's waste management practice has been to handle and package all debris and homogeneous waste in a similar fashion. In addition, waste is packaged in combinations of operations of origin; that is, waste items from several different operations are frequently combined in a single container. As a result, debris waste containers often include lesser quantities of homogeneous solids (less than 50 percent by volume). Homogeneous waste containers that include solids such as hydroxide cake/filter materials, salts, and ash residues are still generated, although infrequently. Characterization activities of these homogeneous solids have discovered that some of the containers include more than 50 percent by volume of heterogeneous debris. This is due in part to the packaging configuration associated with small quantities of homogeneous solids. Homogeneous solids are primarily generated from operations performed in gloveboxes. The waste material may be packaged into a plastic bag, a stainless-steel dressing jar, a slip-top can, and/or an unsealed metal container before it is placed into a plastic bag-out bag. Once removed from the glovebox line the bagged out container(s) may also be put into a secondary stainless-steel slip-top container. Homogeneous solids can also include debris materials such as small pieces of plastic and metal from incomplete combustion, magnesium oxide crucible pieces from metal purification, and precipitated metal fines. Based on this information, LANL generated homogenous solids, except for cemented and absorbed waste, have been reassigned to waste stream LA-MHD01.001. It is expected that some number of these containers will fail RTR or VE for containing greater than 50 percent homogeneous solid waste. These containers will be segregated from the debris waste stream and assigned to the appropriate homogenous waste stream (e.g., LA-MIN04-S.001) (References D041, DR008, M074, P155, P156, P157, and P160).

As described in Section 4.4, numerous PF-4 operations generate process liquids and homogeneous solids. The waste assigned to waste streams LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 originated exclusively from TA-55 operations. Cemented waste assigned to waste stream LA-CIN01.001 is generated by the cement fixation process, which receives aqueous and organic liquids with low plutonium concentrations, evaporator bottoms, and salts for immobilization that could have originated from any operation in PF-4. These feed materials (prior to cementation) often contain contaminants from multiple operations, and materials from specific operations are often packaged in the same drum after cementation. An evaluation of this cemented waste confirms that the final physical form by volume (i.e., solidified homogeneous solids) is the same regardless of the liquid/solid wastes treated. Absorbed waste assigned to waste stream LA-MIN02-V.001 is largely comprised of TRU liquids and solids absorbed or mixed with absorbent. An evaluation of this cemented and absorbed waste confirms that the final physical form of each homogeneous waste stream is the same regardless of the liquid/solid wastes treated. The solidification process converts the organic or inorganic material into an inorganic matrix. Salt waste assigned to waste stream LA-MIN04-S.001 is largely comprised of salts which are a byproduct from a variety of plutonium metal purification operations including electrorefining, molten salt extraction, salt stripping, fluoride reduction, and direct oxide reduction. Salts serve as a transportation vehicle for plutonium ions and provide a trap for impurities that are driven or extracted out during the purification process. As discussed in Section 4.3.1, waste in PF-4 is packaged into containers based on isotopic material content of the waste and NDA characteristics without regard to process of origin (i.e., waste from multiple operations is often packaged in the same waste container). In addition, the operations that generated this waste used the same or similar chemical and radiological materials and the waste streams have been assigned the same EPA HWNs (References C121, C147, C155, C171, C173, and D083).

Based on the rationale above, waste streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 meet the WIPP-WAP waste stream definition, and further delineation of these waste streams is either unfeasible or unnecessary (Reference 1).

4.4 Description of Waste Generating Process

4.4.1 Overview

Plutonium Processing Operations

Wastes were generated from materials used in the process to recover plutonium from residues, metal fabrication, and R&D operations. The variety of plutonium handling operations includes:

- Preparing ultra-pure plutonium metals, alloys, and compounds
- Preparing (on a large scale) specific alloys, including casting and machining these materials into specific shapes
- Determining high-temperature thermodynamic properties of plutonium
- Reclaiming plutonium from scrap and residues produced by numerous feed sources
- Disassembling components for inspection and analysis
- Manufacturing of parts on a limited basis
- Processing plutonium oxide, uranium oxide, americium oxide and mixtures of plutonium and uranium oxides for reactor fuels
- Pu-238 generator and heat source R&D, fabrication, testing, and recycling

Flow Diagrams

The six operational areas that contributed to these waste streams are:

- Nitrate Operations (References D008 and D036)
- Miscellaneous Operations (References D009 and D032)
- Special Processing Operations (References D010 and D030)
- Metal Operations (References D011 and D029)
- Pyrochemical and Chloride Operations (References D007, D011, and D028)
- Pu-238 Operations (References C212, C220, D071, and D080)

Sections 4.4.2 through 4.4.7 correspond to the six operational areas listed above. Each section describes the operations that generated waste assigned to the debris and homogeneous waste streams. Generalized flow diagrams for legacy and LANL newly generated waste are presented in Figures 7-19. The diagrams for these six operational areas indicate the P/S Codes associated with each of the various sub-operations.

Sections 4.4.8 and 4.4.9 correspond to facility and equipment maintenance and D&D operations which are commonly performed in TA-55. These operations originate in the same areas and generate waste and materials that contain the same chemical and

radiological contaminants described in Sections 4.4.2 through 4.4.7. Process flow diagrams for maintenance and D&D operations are not practical due to the variability and broad nature of these operations.

Section 4.4.10 corresponds to the repackaging and prohibited item disposition operations which repackage TRU waste from various LANL facilities including TA-55. The repackaged waste containers retain their original characterization; therefore, the TA-55 plutonium processing operations and associated chemical and radiological contaminants described in Sections 4.4.2 through 4.4.9 are still applicable. Figure 20, Waste Repackaging and Prohibited Item Disposition Flow Diagram includes a repackaging and prohibited item disposition flow diagram.

Section 4.4.11 corresponds to the below-grade retrieval project which includes the removal of waste from various LANL facilities including TA-55. The TA-55 below-grade waste originated from the same operations described in Sections 4.4.2 through 4.4.9. Figure 21, Below-Grade Drum Retrieval Flow Diagram and Figure 22, Below-Grade Crate Retrieval Flow Diagram include process flow diagrams depicting the general below-grade drum and crate retrieval operations.

4.4.2 Nitrate Operations

The overall goal of the nitrate operations is to recover plutonium from scrap and residues, and produce a purified plutonium oxide product, or for conversion into metal. The primary feed sources for the nitrate operations are plutonium residues from other recovery operations (e.g., chloride operations), metal preparation, metal fabrication, analytical laboratory operations, and residues from other DOE facilities. Nitrate operations can be broken down into the following six steps (References C129, D008, and D036):

- Pretreatment
- Dissolution
- Purification and Oxide Conversion/Refinement
- Americium Oxide Production
- Evaporation
- Cement Fixation

Pretreatment primarily includes physical methods used to separate scrap and residues for the next step–dissolution. It may include burning metal, thermal decomposition, crushing and pulverizing, incineration, scraping, or sorting. Historically, it also may have included calcination, caustic leaching, chemical separation (hydroxide or oxalate precipitation), distillation, filtering of liquids or oils, magnetic separation or passivation. The filtering of liquids or oils was performed under *Oil Recovery* from 1979 to 1989. Vacuum pump oils and other contaminated liquids from various operations were analyzed for nuclear material content. If they met the DL for plutonium, they were mixed with vermiculite and packaged in a drum for disposal. If the liquids contained

plutonium above the DL, they were filtered through a glass frit so as to meet the DL. Any plutonium residue caught in the filter was to be sent to recovery operations. Once in 1979, trichloroethylene was used as a diluent to reduce the viscosity of vacuum pump oil. Heavy metals were not used in the process but were expected to be present from equipment wear (References -C130, D008, D036, and M057).

After pretreatment, solids are sent to dissolution if plutonium concentrations are above the DL. If concentrations are below the DL, solids are sent to solid waste packaging. Plutonium bearing solutions are sent to purification if plutonium concentrations are above the DL. If concentrations are below the DL, solutions are sent to solid waste packaging (References D008 and D036).

Dissolution includes various steps that generate plutonium nitrate solutions for feed into the purification step. Primary chemicals used in dissolution are nitric acid, calcium fluoride, and/or hydrofluoric acid. Filtered solids are either returned to the dissolution operation until plutonium concentrations are below the DL or sent to the vault for storage. Processed solids with plutonium concentrations below the DL are sent to solid waste packaging for disposal. Debris items are disposed after removal of plutonium contamination above the DL. Non-acidic plutonium-bearing solutions are sent to purification. Acid solutions are sent to the evaporator (References D008 and D036).

The *Advanced Testing Line for Actinide Separations* (ATLAS) facility is a technology development operation performed in the dissolution process. The mission of the ATLAS facility is to research, develop, and demonstrate state-of-the art methods to reclaim and purify actinides from contaminated scrap. The facility has the capability to recover actinides from a wide range of feed types including oxides, ash, pyrochemical salts, metal conversion residues, and other items such as metal, alloys, and sources. This line employs dissolution, feed treatment for anion exchange, eluate precipitation, purification precipitation, calcinations, and waste treatment technologies. Chemicals used in this process include aluminum nitrate, calcium fluoride, diethyl oxalate, ferrous ammonium sulfate, formamide, hydrogen peroxide, hydroxylamine nitrate, sodium hydroxide, sodium nitrite, urea, and ascorbic, formic, hydrochloric, hydrofluoric, nitric, and sulfuric acids (References C200, D071, and P190).

Purification and Oxide Conversion/Refinement consists of ion exchange, precipitation, calcination, and roasting and blending operations. The ion exchange operations use resin-filled columns to collect plutonium, which binds to the resin while impurities flow through the columns; an eluting agent (nitric acid and hydroxylamine nitrate) is then used to release purified plutonium in solution. The enriched solutions are then sent to oxalate precipitation. Calcination of the oxalate converts the plutonium to oxide form. The oxide is then screened and blended. The depleted liquids are sent to the evaporator after hydroxide precipitation. An alternative purification process involves peroxide precipitation to eliminate a select set of metallic impurities. The plutonium peroxide is then separated by filtration, redissolved in nitric acid and precipitated again

as the oxalate. The calcined plutonium oxides are sent to the vault (References C129, D008, and D036).

Americium Oxide Production begins with hydroxide precipitation of americium from the filtrate of the plutonium peroxide precipitation. The americium hydroxide then goes through dissolution, purification and packaging much like the plutonium nitrate operations, but without the refinement step. The processed material is sent to the vault for storage (References C129 and D036).

The *Evaporator* processes plutonium-poor liquids in order to re-concentrate plutonium, if possible, or to reduce the volume of liquid waste. These solutions are collected in tanks and sent to the evaporators in batches of up to 600 liters. The solution batches are then concentrated to approximately 25 liter volumes called "bottoms." As the bottoms cool, salts (i.e., nitrate salts) precipitate out and settle on the bottom of cooling trays. After cooling, the bottoms are sent back to ion exchange if plutonium concentrations are above the DL or to cement fixation if concentrations are below the DL. Attempts are made to re-dissolve settled salts, but if this is not readily achievable, the salts are sent to dissolution if plutonium concentrations are above the DL or sent to cement fixation if concentrations are below the DL. Nitric acid is used in the evaporator to wash nitrate salts having a plutonium concentration above the DL. Spent acid waste is sent to the Radioactive Liquid Waste Treatment Facility (RLWTF). Heavy metals that might be present are concentrated in this operation (References C130, D008, and D036).

Prior to 1992, some nitrate salts below the DL were not sent to cement fixation for immobilization but were packaged as waste. These salts were washed, vacuum dried (to reduce, but not eliminate, moisture content), double- (or triple-) bagged, and placed in 55-gallon drums. These salts are being remediated/repackaged in the WCRR Facility with an inert absorbent material (e.g., zeolite, kitty litter). The minimum inert absorbent material to nitrate salts mixture ratio is 1.5 to 1 (see Section 4.4.10). Containers of nitrate salt waste mixed with inert absorbent material are included in the mixed absorbent waste stream (References C230, C231, D089, D090, D091, and P198).

The *Cement Fixation* process immobilizes aqueous and organic liquids with low plutonium concentrations and solids (e.g., evaporator bottoms, salts) from the six operational areas (e.g., nitrate operations) in cement. Historically, filtered solids and fines were also sometimes sent to cement fixation, but this is no longer done. Prior to 1988, the cement fixation process was performed throughout TA-55 using available glovebox space. Since 1988, the process has been performed in a dedicated glovebox. Liquids and solids are typically transferred to cement fixation in containers. Reagents used during this operation include cement accelerator, gypsum cement, nitric acid (pH adjustment), organic liquid emulsifier, Portland cement, silicone defoamer, sodium citrate retarder, sodium hydroxide, and phthalate and phosphate buffer solutions for pH meter calibration. The waste materials are commonly adjusted to a specific pH prior to mixing with gypsum or Portland cement. In the past, the cement was mixed in plastic bags or in various sized containers. Waste is now mixed directly into a 55-gallon drum

attached to the glovebox. Any particulate matter is added during the stirring operation. Based on the review of the AK sources, contaminants of incoming materials may include chromium, lead, mercury, silver, acetone, benzene, butanol, carbon tetrachloride, chlorobenzene, chloroform, tetrachloroethylene, methylene chloride, methanol, pyridine, and xylene. Most of the wastes generated under this operation are classified as cemented wastes; although a small amount of debris waste is also generated (References C132, C171, C200, D008, D036, D050, D077, D078, and U005).

4.4.3 Miscellaneous Operations

R&D projects involve applied techniques and methods designed to study and improve operations associated with the purification, separation, extraction, recovery, and characterization of actinides (primarily plutonium). General types of these miscellaneous operations are described below.

Actinide Chemistry R&D. Several small-scale R&D efforts utilizing analytical instrumentation, wet chemistry, and other miscellaneous laboratory techniques primarily focus on plutonium recovery. Examples of some of these efforts include:

- Fluoride sintering of plutonium oxide takes advantage of the presence of fluoride to aid the formation of a sintered mass of plutonium oxide powder at temperatures above 700°C.
- Chlorination of plutonium oxides involves oxides with tantalum chips from the former Rocky Flats Environmental Technology Site. Chlorination is used to recover plutonium from potassium chloride and sodium chloride matrices.
- Processing of molten-salt extraction (MSE) salts generated at LANL and the former Rocky Flats Environmental Technology Site.
- Recovery of plutonium from ash involving plutonium/thorium oxide mixtures.
- Processing of neptunium oxide and metal to remove the protactinium (Pa) daughter in order to use the neptunium for NDA standards.

Process outputs from these operations may be sent to the vault, aqueous recovery, or cement fixation based on the DL (References D009 and D032).

Experimental Oxide Characterization is conducted in Room 208 of PF-4 as an experiment designed to calculate the surface area and pore size distribution of a sample and to analyze the surface characteristics of the sample. Mixtures of helium and nitrogen are passed through a V-shaped cell to analyze the sample inside. With the exception of nitrogen and helium, no solvents or chemicals are used in this process. Process outputs from this operation may be sent to the vault, returned to the originating

P/S Code, transferred to aqueous recovery, or cement fixation based on the DL (References D009 and D032).

The *Analytical Chemistry Laboratory* includes all analytical techniques performed in Room 124 of the PF-4. Operations involve the analysis of plutonium and americium, RCRA metals, and trace metals. Originators provide samples, which are prepared for further analyses, such as inductively-coupled plasma (ICP) and x-ray energy spectroscopy (XES). Unused liquid samples are returned to the originator, sent to radiochemistry for counting, sent to aqueous recovery operations, cement fixation, or sent to the RLWTF (References D008, D009, and D032).

Laser Induced Breakdown Spectroscopy is a technique that uses a powerful laser beam which, when focused on a sample, vaporizes a portion of the sample and forms a plasma. The light emitted by the plasma is analyzed in an optical spectrometer and the elemental composition and concentration of the sample can be determined. The advantages of this technique include analysis without sample preparation or dilution and portability. In this operation, originators provide plutonium containing solids or solutions which are analyzed. After analysis, the remaining sample is returned to the originator (Reference D032).

Actinide Processing Demonstration is a hydrothermal processing technique that involves the reaction of aqueous/organic mixtures, pure organic liquids, or contaminated combustible solids (e.g., ion exchange resins, plastic filters, and cellulose rags) with water under supercritical or near supercritical (elevated temperature and/or pressure) conditions. Feed streams may be contaminated with acetone, butanol, carbon tetrachloride, chlorobenzene, chromium, dihexyl N, N-diethylcarbamoylmethyl phosphonate, diisopropyl benzene, lead, methanol, methylene chloride, octylphenyl di isobutyl carbamoylmethyl phosphine oxide, and xylene. Effluents are liquids, oxides, and salts. Organic components are oxidized to carbon dioxide. Nitrate contaminants are converted to nitrogen gas and some nitrous oxide. Components such as chlorine, sulfur, and phosphorus are oxidized and converted to acids or salts. Process outputs from this operation may be sent to the vault, returned to the originating P/S Code, or transferred to aqueous recovery or cement fixation (References C199, D032, D077, and M223).

Electrochemistry operations examine the electrochemical behavior of actinide or actinide contaminated metal samples and compounds in aqueous and non-aqueous solutions. A wire is attached to the sample with conductive paint and the sample is mounted in epoxy. The surface is polished and then cleaned with ethanol. An electrochemical cell is assembled, including a reference electrode (such as saturated calomel), a counter electrode, the desired solutions, and a gas dispersion tube. The electrodes are attached to a potentiostat and the sample is polarized by the application of voltage to the working electrode. The residual solution is made more basic to precipitate the actinide. After settling, the liquid is decanted and the precipitate is filtered and dried. The filtrate is sent to Aqueous Recovery or to the RLWTF. After

drying, the residue is scraped into a storage container and sent to the vault. The remaining samples are returned to the originating P/S Code (Reference C131). *Material Identification and Surveillance* involves the preparation of batches of plutonium oxide with well-established characteristics, and non-SNM impurities as desired to determine how these materials will interact with water in long-term storage. The preparation of the batches uses any combination of milling, blending, screening, calcining, and splitting to produce the desired plutonium oxide powders. Impurities such as alkaline, alkaline earth, uranium chlorides, metal oxides, hydroxides, fluorides, carbonates, nitrates, and sulfates are added as desired and the material is sent to the vault or other operations as needed (Reference C131).

Long Term Storage and Compatibility Testing is an operation used to measure the chemical and physical changes that occur when plutonium metal or compounds (such as oxides) are placed in various storage configurations, in various gaseous environments, or in contact with process or commercial materials. Small Material Inventory Studies involve the loading of up to 10 grams of plutonium dioxide as well as non-special nuclear material impurities into containers. The containers are monitored for temperature, pressure and gas composition over time. The capability also exists to modify the gas composition at any given time. The containers are heated in a furnace to a temperature corresponding to self-heating of a normal storage container loaded with nuclear material. The plutonium oxide is supplied by the vault or the Material Identification and Surveillance (MIS) process. The purpose of this process is to understand any changes or reactions that might occur in long-term storage of nuclear material. The gas monitoring is accomplished using mass spectrometry or gas chromatography. At the conclusion of testing, the containers and materials are submitted for analysis, returned to MIS, or sent to the vault (References C131 and D009).

Compatibility tests, which are no longer performed, were similar to the long term storage tests, except that (1) tests were prepared with process or commercial materials in contact with the plutonium metal or compounds and stored in the glovebox, (2) the storage containers didn't have a thermocouple, (3) the container may not have been monitored by an automated data acquisition system, and (4) the container had a volume up to 1.3 liters. Materials involved include plutonium metal, alloys or compounds, process or commercial materials (including liquid solder [gallium, indium, and tin], glycol, silicone grease, Sylgard 184, or cellular silicone), and the following gases which were used as atmospheres in the storage containers: helium, hydrogen, or the constituents of air. The test materials were sent out for analysis after the tests. Gas cylinders were attached to a manifold through a two-stage regulator and not used in the gloveboxes (References C131 and D009).

Standard Fabrication originated as Pyrochemical Matrix Studies conducted from 1986-1992 involving rod milling prior to screening. This operation had two objectives: (1) blending large batches of homogeneous plutonium oxide for pyrochemical operations, and (2) blending similar batches for dissolution in nitrate operations.

The operation changed in August 1992 when a need developed to blend oxides to provide feed material for making NDA standards. From February 1995 to the present, the operation changed again, with the objective of determining the effect of high purity oxide, salt, and metal matrices on the accuracy of NDA measurements. Operations involve crushing, pulverizing, blending, roasting, and sieving. The results are used to determine protocols for handling and processing the matrices and to correct bias measurements. The product material consists of high-purity oxide standards for use at LANL and throughout the DOE complex (References D009 and D032).

Metallography Operations characterize the microstructure of metallic or ceramic pieces and establish the quality and effectiveness of welds. Materials examined consist of plutonium and uranium carbides, nitrides, and oxides, as well as zirconium and tantalum alloys, and stainless-steel. Metal pieces (pellets) are cut with a diamond saw. Ceramic and metal pieces are subjected to grinding with standard metal grinding media (e.g., papers impregnated with silicon carbides and diamond). The materials are cleaned, polished, and etched with several different chemical compounds. The spent chemicals are sent to aqueous recovery, to the RLWTF, or mixed with absorbent. The plutonium and uranium carbides, nitrides, and oxides are returned to the vault (References D009 and D032).

Electrolytic Decontamination conducts various electrochemistry R&D experiments in Rooms 105, 106, 112, 208, 209, and 210. Electrochemistry methodologies are designed to decontaminate items, replace operations that produce large amounts of waste, or enhance chemical reactions. Process inputs are from the vault. The process involves uranium decontamination of disassembled weapon components from various sites with various levels of surface contamination with plutonium. The operation is strictly an aqueous process in which an alkaline solution is reacted with the components to precipitate uranium. A stainless-steel cathode is used; therefore, corrosion is not an issue and the electrolyte is not degraded. Significant amounts of metal could be stripped in a short period of time. The precipitated solution comprises either uranyl hydroxide or uranyl sulfate, which is then dried for mass balance. The distillate contains small amounts of uranium. Rinse water is discarded to the RLWTF. Outputs from the process are directed to the vault or cement fixation (References D009 and D032).

Waste Management Operations (P/S Code WM) is currently limited to waste generated from the TRU solid waste management operation in Room 432. This practice has been in place since the beginning of 1993. Room trash boxes from PF-4 have always been handled as low-level waste (LLW). However, when the boxes were assayed to verify contamination levels, some were determined to be TRU waste. These boxes of room trash were diverted to Room 432 for repackaging as TRU waste. From May 1987 through 1992, these boxes were tracked using P/S Code XO or X0 (Inactive or unspecified P/S material) and ultimately designated as having originated in P/S Code WM. These codes were changed to P/S Code WM after 1992 (References D009, D032, and D077).

Additional controls were placed on room trash after 1992 and continue to the present. Trash is assayed with the Multiple Energy Gamma Assay System (MEGAS). When a container is rejected because of MEGAS data, the rejected container is returned to the originator for removal of any "hot" item(s). This operation also allows greater control to prevent discarding regulated materials (e.g., RCRA constituents) in room trash. P/S Code XO indicates waste materials contaminated with RCRA constituents that are generated within specific rooms but cannot be associated with an individual P/S Code in that room. P/S Code X0 is designated for waste materials that cannot be associated with a specific room, such as a hallway, mezzanine offices, restrooms, change rooms, basement, pump rooms, and trolleys. The waste from all these areas, except the pump rooms and trolleys, would be LLW and no RCRA constituents are associated with the waste. P/S Codes XO and X0 are considered interchangeable because of the difficulty in distinguishing them on container paperwork and their inconsistent use by waste generators (References C037, D009, and D077).

Material Management Operations (P/S Codes M1, M2, MM, and M4) are used to introduce and remove items from the glovebox line. TRU waste typically associated with bag-out operations (e.g., stubs, tape) is packaged with other waste items and assigned HWNs based on the P/S Code from which the waste originated. Waste generated in the material management rooms is associated with glovebox maintenance operations. No other operations are conducted in these rooms (Reference D009).

The *Non-Confirming Drums* operation occurred from April 1989–April 1991 in Room 432. This operation was established to provide a mechanism for dealing with TRU drums that did not confirm TA-55 characterization information (e.g., recorded weight or nuclear material content). Non-confirming drums were temporarily set aside until such time as personnel could reprocess them under waste management operations to correct the non-confirming condition. After April 1991, non-confirming drums were dealt with immediately, and this operation was no longer needed (Reference D032).

Extraction/Separation Studies is no longer active, but involved the processing of actinide hydroxide cakes generated from chloride and nitrate operations. Research in this area also contributed to the development of sensors and instrumentation for online chemical analysis, and improvements in the purification operation. The R&D operations were non-routine and developmental in nature. The operations involved research, process development, small scale trouble-shooting, and occasionally preparation of various isotopes and isotopic mixtures of plutonium, uranium, americium, and neptunium (Reference D032).

Non-Aqueous Dissolution/Extraction Operations is no longer active, but involved the dissolution of actinide compounds and actinide-containing matrices in superacid media. The superacid solutions were evaporated to leave solid products that were analyzed by a variety of methods. The study of the organometallic chemistry of uranium and thorium in non-aqueous solvents consisted of a variety of small-scale organoactinide operations.

The organoactinide operations were designed to study the synthesis of new actinide compounds in non-aqueous media. These operations also examined the characterization and reaction chemistry, and considered applications to existing actinide processing technology. Other non-aqueous operations supported fundamental and applied actinide chemistry research, by preparing solvents and reagents for the synthesis of new compounds, and characterization and analysis of new chemical compounds using wet chemistry methods and analytical instrumentation (Reference D032).

Measurement/Detection Operations and Studies is no longer active, but involved the inspection of oxides and metals. Materials were retrieved from the vault, brought to the glovebox, inspected, assayed by a non-destructive method, and sampled if necessary, then repackaged and returned to the vault. Assay methods included XES, laser-based, Raman and high resolution emission spectroscopy as well as other spectroscopic techniques. In addition to elemental and isotopic analyses, other measurement studies were designed to determine the surface area and pore size distribution of a sample and to analyze its surface characteristics. These studies produced only standard glovebox waste (References C131, D009, and D032).

Halogenation Studies is no longer active, but involved the fluorination of samples containing plutonium residues. A gas flow loop was used to pass a fluorinating agent through a gas-solid reactor where plutonium in the solid residue reacted chemically to form solid plutonium tetrafluoride or gaseous plutonium hexafluoride. Gaseous plutonium hexafluoride was trapped in a cold trap, distilled, and reduced to plutonium tetrafluoride. Separation operations involving experimental chlorination operations were similar to the fluorination procedures. A gas loop was used to flow carbon tetrachloride and perchlorocarbons through a gas-solid reactor to chlorinate plutonium oxides to form recoverable plutonium compounds. These studies produced only legacy waste (References D009 and D032).

4.4.4 Special Processing Operations

Special Processing includes operations for MT 42 and R&D for MT 52 (See Table 3, Average Isotopic Content of Plutonium Material Types and Enrichments, in Section 5.4.2.2, for descriptions of plutonium material types). Because processing MT 42 is a smaller-scale version of the recovery operations used for MT 52, MT 42 processing has four main recovery steps (References D010 and D030):

- Head-end operations
- Nitrate ion exchange operations
- Chloride ion exchange operations
- Pyrochemical operations

Only head-end operations are covered here. Nitrate ion exchange operations are covered in Section 4.4.2. Chloride ion exchange operations and pyrochemical operations (Direct Oxide Reduction, Molten Salt Extraction, and Electrorefining) are covered in Section 4.4.6 (References C131, D010, and D030).

Head-end Operations includes pretreatment which may include sorting, crushing, and/or pulverizing feed materials prior to being fed into later operations. A separate pretreatment procedure is the decladding of plutonium-beryllium (Pu-Be) sources. The Pu-Be metal alloy is removed from the sources, which are then entered into the chloride line for plutonium recovery along with other materials (References D007 and D028).

The next operation is to leach or pickle items such as tools, labware, crucibles, and ash, in nitric, hydrochloric, or hydrofluoric acids to remove recoverable plutonium. Plutonium oxide is typically calcined in nitrate and chloride operations to oxidize any metallic plutonium prior to dissolution. Combustible wastes are burned and the ash sent through the rotary calciners to remove incompletely oxidized organic material (References D010 and D030).

All wastes generated by MT 52 R&D operations are replicated for MT 42, but carry different P/S Codes to differentiate and identify the radionuclide content of the waste. Outputs from Special Processing include high purity metal for casting and machining (References D010 and D030).

4.4.5 Metal Operations

The main goal of metal operations is to transform the high purity metal produced primarily by pyrochemical operations into alloyed metal shapes. On-going metal operations include metal casting, machining/metal work on various metals, extrusion, surface preparation, oxidizing, surveillance machining, accelerated aging, impact testing, fuel fabrication, assembly, recovery and extraction, physical property testing, burst testing, special recovery, thermal hydride/dehydride, research alloy preparation, and welding, and Z machine experiments (References C131, D011, D029, and D092).

Casting is a process that receives plutonium metal from pyrochemical operations or Special Processing Operations depending on material type, or from other sources. The metal is combined with other metal from different sources to produce a product metal that meets purity specifications. Specification metal is then cast as a prealloyed feed aliquot at which time gallium metal is added. It is analyzed chemically in-line to determine the proper gallium content and the metal is placed into in-line storage. Metal is pulled from in-line storage to cast into shapes. Shapes generated by this process are sent to machining, various P/S Codes for testing, plutonium standards extrusion, reduction to metal or salt stripping. Plutonium oxide byproduct is sent to aqueous recovery (References D011 and D029).

Machining involves a variety of operations on cast parts obtained from Casting. Machining operations include turning, milling, grinding, and boring. The objective of the machining operations is to bring the parts to their formal dimensional specifications. Operations within machining use dry machining techniques. Cleaning solvents were used in machining operations in the past, and still are occasionally used, although with less-hazardous substitutes. Freon TF is used to remove oil from turnings (degreasing) before they are sent to recovery. Tetrachloroethylene is used to degrease metal parts after they are machined. Machined parts are sent to assembly operations or the vault. Scrap metal and turnings are sent to salt stripping and casting for recovery/reuse (References D011 and D029).

Plutonium Standards Extrusion uses high purity metal ingots from casting or machining which are placed in an extruder. The extruder is operated to produce a metallic wire that is cut into 1 gram pieces. Each 100 gram lot of wire pieces is sealed in a stainless-steel storage container for later packaging and shipment as required. The extrusion system consists of a hydraulic press and a microprocessor controlled hydraulic pumping system including a 0.156 inch diameter extruding die. The entire operation is performed in an inert glovebox to prevent oxidation of the metal. Plutonium standards are sent to the vault for storage (Reference C131).

Plutonium Surfaces studies receive samples from other operations and characterize them by the Sievert's Equilibrium System, x-ray, and other physical examinations. These methods can determine pressure-composition-temperature curves for actinide hydride/deuteride compounds or prepare samples of these compounds. These techniques also determine structures of actinide samples and measure helium release in aged plutonium. The samples may require mounting prior to characterization. Samples are returned to the originating P/S Code or to the vault (Reference C131).

Uranium Conversion involves the oxidation of uranium metal in air or a controlled oxygen environment at temperatures up to 1,100° C in a glovebox environment. The uranium pieces are usually received from the vault. The metal may be cut into pieces to fit into the crucible, which is then placed in the furnace and heated to the desired temperature in a slow flow of oxidizing gas. The oxide powder is then rod- or ball-milled to reduce particle size. It is then placed in a bottle before being removed from the glovebox line and transferred to the vault (References C131 and D011).

Surveillance Machining focuses on receiving metal shapes and machining the required metallic samples for a variety of analyses that can document what changes may or may not have occurred in the shaped item over its lifetime. The turnings are ultimately oxidized, while classified shapes and miscellaneous metal go to a variety of operations or to the vault (Reference C131).

Accelerated Aging of Plutonium is similar to casting and machining. Plutonium and other actinide based metals and materials are cast, machined, and inspected in the Actinide Research Machining Glovebox in the 300 wing of PF-4. This program employs Pu-238 to rapidly age weapons-grade plutonium, permitting accelerated self-irradiation induced changes in the material as a function of time. The Pu-238 enrichment level of weapons grade plutonium is performed at approximately 5 to 7.5 percent by weight. The Pu-238 is blended with the weapons-grade plutonium during the casting operation. Machining operations include turning, milling, grinding, and boring. Unlike machining, Freon TF is not used to degrease metal chips and turnings. However, trichloroethylene is used to clean machined parts. Machined parts are sent to metallography for testing. Plutonium scrap and turnings are sent to Casting and Salt Stripping for reuse/recovery. Oxide from casting is sent to Roasting and Blending for further processing (References C131, D011, D081, and P189).

The Impact Test Facility uses a 7-inch gas gun and a 40-millimeter (mm) powder gun. The 7-inch gun is used for Pu-238 experiments, such as heat source impact testing and impact testing of Pu-238 capsules in graphite blocks. The entire test is conducted in a tube so that the material is contained. The entire tube with contents is transferred back to NMT-9 for recovery elsewhere in PF-4. No TRU waste is generated from the 7-inch gun experiments under normal circumstances. The 40-mm gun enables the experimenter to generate data on materials in high stress environments. During the test, a projectile propelled to hypervelocity by a charge of smokeless powder, strikes an instrumented target contained within a glovebox. The target is shattered into macro and microscopic pieces during the impact and the projectile is arrested by a series of stopping plates. Target materials can range from surrogate materials to actinides. Post test, the remains of the target material, projectile, instrumentation, and stopping plates are removed as waste or are reused (References D011 and D029).

The Kolsky Bar Test Facility is a gas gun operation for physical property testing. A stainless-steel bar with plastic seals at each end is fired by gas pressure down a stainless-steel barrel that strikes a target, usually plutonium. Behind the target is another stainless-steel bar instrumented with sensors. This bar is butted against a plastic wrapped lead brick at the back of the chamber. Wastes include rags, HEPA filters, and gloves. The rags generated by this process may contain some lead/lead oxide from cleaning operations. The barrel is cleaned with a cotton swab. No solvents are used. Residual plutonium is returned to the originating P/S Code (References D011 and D029).

Fuel Fabrication entails the development of reactor fuel. Enriched uranium oxide, depleted uranium, and/or plutonium oxide is blended and mixed with graphite and stearic acid. The blended mixed oxide is then pressed into briquettes. The briquettes are heated, size reduced, and pressed into pellets. The pellets are heated/sintered and inspected. Grinding may be necessary to meet specifications. The accepted mixed oxide fuel pellets are transferred into the cladding glovebox. The cladding tube is held in a lathe while the pellets are pushed into the cladding with a pushrod. A

stainless-steel shroud tube is placed in the cladding tube prior to insertion of the pellets. A spring and end cap is placed in the open end of the cladding tube, and a tungsten inert gas (TIG) weld is made at the joint between the end cap and the cladding. Cladding, spring, and end cap are stainless-steel. Bonding of the fuel is done with either helium or sodium. Any excess sodium is reacted with Dowanol to form a stable sodium salt, which prevents metallic sodium from entering the waste streams. As a result of the current effort in mixed oxide fuel development, the issue of gallium removal becomes important. Completed fuel rods are sent to the vault for storage prior to distribution. Oxides and rejected pellets are sent to aqueous recovery or the vault (References D011 and D029).

Assembly Operations involves bringing nuclear material out of the glovebox and encapsulating it in a cold container. This outer container can be a bolted assembly or a welded assembly using electron beam, pressurized inert-gas metal arc, TIG, or laser welding techniques. No solvents are used. Wastes include aluminum foil, plastic bags, and gloves. The waste generated from this process is nearly always LLW, but some TRU waste may be generated. The assembled containers are sent to the vault for storage (References D011 and D029).

The *Advanced Recovery and Integrated Extraction System* (ARIES) is a demonstration operation, which receives and disassembles pits, plutonium hydrides and metallic plutonium, from which it produces plutonium metal or oxide powder. The product is canned for long-term storage. Wastes include plutonium-contaminated debris waste. Operation of the ARIES Electrolytic Can Decontamination System decontaminates the external surfaces of canned plutonium using an electrolytic decontamination system. An electrolyte (sodium sulfate) and water are used in the system in a recycle mode. Sodium hydroxide is used for pH control. Wastes include electrolyte and water solutions contaminated with plutonium. This liquid waste is sent either to cement fixation or to the RLWTF at TA-50. The plutonium metal and oxide powder is sent to the vault (References D011 and D029).

Physical Properties is a procedure that describes techniques for the study of physical properties of alloys, including the structural, magnetic, electronic, and metallurgical properties of actinide metals, alloys and compounds from various operations. A muffle furnace with an argon atmosphere is used for testing sample homogeneity or compatibility, and for temporary storage. Measurements include dilatometry (thermal expansion) and electrical resistivity. A Carver press is used to produce sample wires and pellets. The process takes place in Room 113, glovebox G 187. The actinide metals, alloys, and compounds are returned to the originating P/S Code (References D011 and D029).

Burst Testing involves the placement of hemi-shells on a test stand. A buffered test solution is pumped into the shell, pressurizing it until it bursts. Strain gauges monitor the deformation of the shell. The test solution is sodium tetraborate and sodium hydroxide and is filtered and reused. The solution is eventually discarded in the caustic

waste line to the RLWTF at TA-50. Strain gauges have electrical contact points that are tin-lead solder. No solvents are used. The tested hemi-shells are sent to the vault for storage (References D011 and D029).

The *Special Recovery Line* (SRL) conducts pit disassembly on pits which are contaminated with tritium. Tritium is recovered if it is above a specified activity. Separation of pit components is done using a special abrasive cut-off wheel. The pit is cut in half, and the shells are cleaned with copper wool and Freon TF. Scrap is sent to recovery or to waste management depending on whether the material is SNM or not. After the shells are cleaned with the copper wool and Freon TF, they are placed in an ultrasonic bath for cleaning using product SF-2I. Tritium-contaminated water is collected and poured over zeolite absorbent for disposal. Small-scale decontamination of tritium-contaminated plutonium and other SNM is done in the SRL furnace. The SRL furnace area consists of different sections, including metal handling, tritium removal furnace, equipment for collecting tritium liberated in furnace, and effluent treatment system. The procedure that describes the operation of the furnace and furnace gas treatment system contains no details on disposition of output materials, or post-run cleaning operations. Plutonium, uranium, and tritium are sent to the vault for storage. Plutonium metal is also sent to casting, machining, or salt stripping for reuse/recovery (References D011 and D029).

Thermal Hydride/Dehydride:

a) Plutonium Hydriding System. The plutonium hydriding process studies the reactions of plutonium alloys and other actinides with hydrogen and other gases. The process takes place in Room 114, glovebox 110, and uses no chemicals other than the gases. The plutonium alloys and actinides are returned to the originating P/S Code (Reference D029).

b) Operating the Hydride-Dehydride Systems. The hydride-dehydride operating procedure describes how to safely form plutonium hydride, and then to decompose it to plutonium metal. Three phases are involved: phase one uses hydrogen gas in large amounts and dehydriding is done in a separate reactor. Phases two and three use a closed loop, minimal hydrogen gas, and a single reactor. The process takes place in Room 114, GB 116, GB 119 and GB 154. No chemicals are used besides the gases. The plutonium metal is sent to the vault for storage (Reference D029).

Welding operations fall into two categories: encapsulation of radioactive isotopes and other welding operations. Two methods of welding are employed: a gas tungsten arc welder and an electron beam welder. Encapsulation of radioactive isotopes involves placing the isotope to be sealed into a stainless-steel capsule and subsequently welding the capsule closed. The exterior of the capsule is cleaned with Freon TF. The Freon TF is allowed to evaporate; hence no wiping of the capsule surface with rags is required. Other welding operations include welding of plutonium samples on vanadium in an argon atmosphere, brazing gold to repair platinum frits, welding titanium to repair

titanium boats, and welding of aluminum. No welding of lead occurs. Welding outside of the glovebox line is also done under this P/S Code. The welded parts are either returned to the originating P/S Code or sent to the vault for storage (Reference D029).

Z Machine Experiments:

The Z machine was developed to simulate nuclear explosions and conduct testing to ensure the viability of the nuclear weapons stockpile. The Z machine is also used to evaluate the effects of X-rays on various weapon components and materials. LANL and SNL have developed a long-term program for performing experiments on the Z machine using transuranic materials produced at TA-55. LANL requests and oversees Z machine experiments at SNL, including the Plutonium Isentropic Compression Experiments (Pu-ICE) which create conditions on a small scale similar to those experienced by matter with the detonation of nuclear weapons. The Pu-ICE containment systems used in the experiments are manufactured/machined components made up primarily of ferrous metals (97.2% by weight) and non-ferrous metals (2.4% by weight), with minor amounts of other materials such as carbon, epoxy, glass, plastic, rubber, and vacuum grease. TA-55 first fabricates the plutonium targets and loads them into the load assembly component of the containment system. The load assembly component is then shipped to SNL. The containment system consists of three parts: an ultra-fast closure valve and vent tank, an upper containment chamber, and a load assembly. SNL performs the experiment in the Z machine and temporarily stores the resulting Pu-ICE post-shot containment system in a 55-gallon drum. As part of the experiment detonators with high explosives are used; however, the high explosives are completely expended during the experiment. LANL owns the plutonium used in the Pu-ICE and maintains ownership of the associated waste (i.e., TA-55 is the waste generator). The post-shot containment systems are then shipped back to TA-55 to complete the certified characterization process and final disposition. It is estimated approximately 30 post-shot containment systems will be generated through fiscal year 2016 (References C237, C238, C239, D092, D093, and D094).

4.4.6 Pyrochemical and Chloride Operations

Pyrochemical operations include metal preparation, metal purification, and ancillary metal production operations (chloride operations and metal oxidation). Pyrochemical outputs are most often high-purity metal feed materials for metal operations (References D011 and D028).

Metal preparation includes the following:

In the single pass *Direct Oxide Reduction* (DOR) operation, plutonium oxide and calcium metal are reacted in molten calcium chloride ($CaCl_2$) to produce plutonium metal. The reaction is conducted in an MgO crucible. After cooling, a plutonium metal button is removed by breaking the crucible. A layer of salt above the button contains

unreacted oxide and metal shot, which is sometimes recovered by heating with addition of fresh salt plus calcium metal (Reference D028).

Multiple-Cycle Direct Oxide Reduction (MCDOR) is used to minimize the salt waste. During the MCDOR operation, the molten salt is regenerated by sparging the $CaCl_2$-CaO mixture with chlorine gas between multiple plutonium metal production runs. After approximately five cycles of metal production, the mixture is cooled and the salt and metal phases are separated. The plutonium metal is sent to casting or electrorefining. Impure plutonium metal is sent to molten salt extraction. Salts and crucibles above the DL are sent to chloride operations or the vault. Salts and crucibles below the DL are sent to solid waste packaging for disposal. Caustic solution from the chlorine off-gas scrubber is sent to chloride operations or the RLWTF (References D011 and D028).

Metal Preparation Line is no longer active, but produced plutonium metal from fluoride salts. Hydrogen fluoride gas was reacted with plutonium oxides obtained from calcination of oxalate or peroxide precipitates from the aqueous nitrate or chloride process lines. The plutonium fluoride was further reacted with calcium metal to produce plutonium metal, which could then be recovered as a small globule, or button, by breaking the crucible. This operation generated only legacy waste (References D011 and D028).

Metal purification operations include the following:

MSE is used to separate americium and the more reactive elements such as rare earth elements, alkali metals, and alkaline earth metals from plutonium metal (Reference D048). This operation is employed only if the americium content is greater than 1,000 parts per million (ppm). In the original operation (from 1979 to 1988), magnesium chloride ($MgCl_2$) was added to the impure plutonium metal in a eutectic mixture of sodium chloride (NaCl) and potassium chloride (KCl), contained in a MgO crucible, and heated to 750°C. The $MgCl_2$ oxidized americium to americium chloride although some plutonium was also converted to the chloride salt form. In 1988 and continuing to the present, the MSE operation uses $CaCl_2$, NaCl, KCl, and plutonium chloride ($PuCl_3$) produced by in-situ chlorination in a tantalum or MgO crucible. Ninety percent of the americium and ten percent of the plutonium are transferred from the feed metal to the salt. After cooling, the salt and metal are mechanically separated. The salts and crucibles above the DL are transferred to the vault or chloride operations. Salts and crucibles below the DL are sent to solid waste packaging for disposal. The plutonium metal is sent to electrorefining or metal oxidation. Caustic solution from the chlorine off-gas scrubber is sent to chloride operation or the RLWTF (References D011 and D028).

The *Electrorefining* (ER) operation takes impure metal from the MSE and DOR/MCDOR operations and produces high purity plutonium metal. Impure plutonium is cast as an anode, which is then placed in a MgO crucible with a salt mixture, a metal cathode

(typically tungsten), and a seeding reagent that is $MgCl_2$, NaCl, or KCl. After the anode and salt are melted, current is applied to the system, and plutonium at the anode is oxidized to plutonium ions that travel to the cathode and are reduced back to the metal state. Impurities in the original plutonium anode that are more electropositive or have a greater negative free energy of formation than plutonium (including barium and americium) dissolve and remain in the salt, while impurities more electronegative than plutonium (including cadmium, chromium, lead, and silver) remain in the anode. After cooling, the crucible is broken and the residues are physically separated from the high purity product metal. Anode heels were sent to pyroredox from 1984 to 1986. Currently, salts and crucibles above the DL are sent to chloride operations or the vault. Salts and crucibles below the DL are sent to solid waste packaging for disposal. Purified plutonium is sent to casting and the vault. Caustic solution from the chlorine off-gas scrubber is sent to chloride operation or the RLWTF (References D011 and D028).

Ingot Casting is included in the Electrorefining section of pyrochemical operations. Metal is melted in a MgO crucible to cast the ingot (References D011 and D028).

From 1987 to 1989, secondary solvent metals such as cadmium, bismuth, lead, and gallium were added to experimental studies of the ER operation (References D011 and D028).

Ancillary metal production operations include the following:

Chloride Operations:
The overall goal of chloride operations is to recover plutonium from scrap and residues and produce a purified plutonium oxide for conversion to metal. The feed sources have included plutonium residues from pyrochemical operations, Pu-Be neutron sources, analytical chemistry laboratory solutions, and residues from other DOE facilities. Chloride operations can be broken down into the following four steps (Reference D007):

- Pretreatment
- Dissolution
- Purification
- Hydroxide precipitation

Pretreatment for chloride operations is discussed in the *Head-end Operations* section of special operations (refer to Section 4.4.4).

Dissolution uses hydrochloric acid to leach and dissolve plutonium from salts, scrap, crucibles, residues, and various solutions, including solutions from the analytical chemistry laboratory. Enriched solutions undergo further purification and solid wastes are discarded as debris waste or sent to cement fixation in nitrate operations (refer to Section 4.4.2) (Reference D007).

Purification includes solvent extraction, ion exchange and oxalate precipitation, depending on the chemical nature of the material to be purified. Ion exchange columns are used to collect plutonium and to separate plutonium from impurities. Enriched solutions may be further treated with oxalic acid to precipitate plutonium oxalate. The resulting plutonium precipitate is sent to nitrate operations to be calcined and eventually to the vault. The liquid solution (filtrate) goes to hydroxide precipitation for further processing. Solid wastes are discarded as debris waste or sent to cement fixation for immobilization. Tetrachloroethylene, which was used in the solvent extraction process until 1992, contaminated the debris waste and the liquid waste absorbed in vermiculite (Reference D007).

Hydroxide Precipitation takes plutonium in filtrate solutions from the purification steps and precipitates it with potassium or sodium hydroxide. Heavy metals are concentrated in the plutonium-rich hydroxide cakes. The sources of heavy metals vary but may include one or more of the following: (a) feed materials that consist of or contain these metals; (b) leaching of chromium from stainless-steel equipment components; or (c) the use of silver salt (until 1994) in the measurement of chloride content. The resulting plutonium-enriched hydroxide cakes may become feed material for nitrate operations, be returned to the dissolution step for re-processing, may be sent to cement fixation for immobilization, or may be discarded as solid waste if they meet the approved DLs. Liquid meeting the TA-50 WAC is sent to the TA-50 RLWTF using the caustic waste line (Reference D007).

In *Metal Oxidation* small pieces of metal remaining on furnace or crucible surfaces are collected for conversion to the oxide phase. These metal pieces are placed in a furnace for the conversion process. The oxide is then transferred to the vault (References D011 and D028).

Salt Stripping is no longer an active operation, but the MSE and ER salts were further treated by salt stripping, oxygen sparging or carbonate oxidation, and salt distillation. The salt stripping operation treated the residue by melting and stirring the salt with calcium metal in a MgO crucible at 850°C. This treatment reduced the plutonium in the salt to metal and allowed the metal to coalesce for physical removal and recovery. After cooling, the crucible was broken and the metal physically separated and recycled to the ER operation or burned to oxide and sent back through aqueous recovery. The crucible shards were leached in hydrochloric acid, and then discarded (References D011 and D028).

Oxygen sparging and carbonate oxidation (since 1996) were used to ensure that any plutonium, americium, or metallic sodium or potassium left in the salts was converted to nonpyrophoric oxide forms (References D011 and D028). Vanadium pentoxide was used in place of carbonate to convert metals to oxide as part of the salt stripping operation from February to June 1998. Wastes that potentially contain residual vanadium pentoxide were, at one time, assigned the EPA hazardous waste code P120.

However, this assignment has been rescinded: see Sections 5.4.3.2, 6.4.3.2, 7.4.3.2, and 8.4.3.2 (Reference D028).

Salt Distillation is no longer an active process, but allowed for the recovery of plutonium oxide from the chloride salt and produced purified chloride salt for reuse (References D011 and D028).

The *Pyroredox* operation was used to recover plutonium from spent anode heels in the mid- to late 1980s. The anode heel was polished with calcium metal to remove surface oxide, and then oxidized to plutonium (III) with zinc chloride in molten KCl, forming $PuCl_3$. Elements more electropositive than zinc (including barium) were oxidized into the salt phase, and the zinc formed a metal button. The salt was then mixed with calcium metal in $CaCl_2$ to reduce the plutonium to the metal phase, as well as to reduce all elements more electronegative than calcium. The salt phase containing small amounts of the impurity barium was mechanically separated from the metal phase and discarded. The metal phase containing zinc was placed in the vault or further treated, and the plutonium eventually was routed back to ER. This operation generated only legacy waste (References D011 and D028).

The *Metal Coalescence* operation is no longer active. Metal coalescence was used for plutonium turnings to coalesce the turnings into a metal button. Calcium metal and $CaCl_2$ were added to a MgO crucible along with the turnings and melted. Salts and crucibles above the DL were sent to chloride operations for recovery. Salts and crucibles below the DL were sent to solid waste packaging for disposal. Plutonium metal was sent to ER or the vault (References C131, D011, and D028).

The *Neptunium* operation processed neptunium contaminated residues from the vault in 1993. This operation generated only legacy waste (Reference D028).

Plutonium Trichloride Preparation was accomplished by bubbling a carrier gas (such as chlorine) through carbon tetrachloride and passing the mixed gas stream through a bed of plutonium oxide at 500 - 600°C before being absorbed in a 5 - 6 molar potassium hydroxide solution. In this operation (January 1987– June 1989) the carbon tetrachloride was broken down into phosgene, carbon monoxide, and carbon dioxide gases. In June 1989 the operation switched to the use of phosgene gas as the carrier gas until the operation ended in May 1991. Feed material was high purity oxides from the vault or from other P/S Codes. The product plutonium trichloride was reduced to metal by the MSE or ER operations. This operation only generated legacy waste (Reference D028).

4.4.7 Pu-238 Operations

Heat Source Fabrication:
As described in Section 4.2.2, Pu-238 heat sources fabricated at TA-55 included the GPHS, LWRHU, and MWG sources. Current heat source production involves fuel fabrication and scrap and process residues processing. The primary P/S Code

associated with heat source fabrication operations described in this section is P1 (routine Pu-238 heat source). Pellet production and welding and decontamination operations were also part of heat source fabrication but they are no longer active (References C198 and C220).

Fuel Fabrication:
The source of all feed material for Pu-238 fuel fabrication is oxide, originating directly or indirectly from the SRS K Reactor. The feed material selected for fabrication is weighed then prepared using splitting, ball milling, slugging and screening, and granule seasoning. The material also undergoes oxygen isotopic exchange, involving the replacement of oxygen-17 and oxygen-18 with oxygen-16 by heating the feed material in a furnace (750°C). In GPHS processing prior to its inactivation and LWRHU processing, oxygen exchange is followed by heating to 1,000°C to release alpha-decay helium from the plutonium oxide crystal structure. The fuels are further heated or "seasoned" at temperatures ranging from 1,100 to 1,600°C and the resulting oxides are sent to be hot pressed into fuel pellets (References C192, C194, C212, C220, D080, and M285).

During the fuel fabrication process, analytical samples are frequently required for both Pu-238 oxide feed material and product specimens either to characterize the material or to determine whether the material meets current production specifications. The primary sampling capsules containing the oxide samples are cleaned in an ultrasonic bath with ethanol and allowed to air-dry before being placed into a secondary plastic container. Sampling tools are wiped down with cheesecloth containing ethanol (References C195 and P180).

The oxide samples are taken to perform particle size analysis. Ethylene glycol is used to suspend the Pu-238 oxide powder in a disposable polystyrene cuvette. The cuvette is sealed with a polystyrene cap coated with Duco cement. After the glue has set, the cuvette is ultrasonically cleaned in a water bath containing a high-purity soap (e.g., Alconox), is cleaned a second time in a bath of distilled water, and is wiped down with a cheesecloth pad soaked in Fantastik (nonhazardous) cleaning solution. The cuvette is then transferred to another hood for final decontamination with Fantastik-soaked cheesecloth. This process of cleaning and transferring the cuvette occurred up to 1994. From early 1994 onward, the water bath does not contain soap and Fantastik is not used because all work is performed in the same glovebox line and there is no need to decontaminate the cuvette. Before 1994, if the water was radioactively contaminated, it was discarded to the TA-50 RLWTF. Since 1994, the water has been evaporated (References C197 and M286).

Upon completion of the analysis, the ethylene glycol containing the Pu-238 oxide is poured through a coarse sieve and collected in a polyethylene bottle. When 200 - 500 milliliters of ethylene glycol has accumulated in the bottle, the contents are poured through a filter. The residue and filter paper are allowed to dry and are sent to a plutonium recovery process. The contaminated ethylene glycol is collected until a

sufficient amount is available to discard, and then it is poured onto a bed of vermiculite for absorption (References C194 and M286).

The *Scrap and Process Residues Processing* operation receives materials from the vault and various other operations, such as fuel fabrication, pellet production, calorimetry, and metallography. This is a physical process consisting of weighing, sorting, segregating, and loading into a shipping container. The product from this process either goes to the vault or feeds into calorimetry operations (References D080 and M285).

The *Metallography* process began in 1992 and is still active. It receives feed material from P/S Code P1 operations in the form of Pu-238 oxide fuel recovered from encapsulated heat sources, impacted heat sources, fuel pellets, or other sources. The metallography process is a physical process involving cutting, mounting, grinding, polishing, photography, and etching of Pu-238 fuel specimens (References C194 and M287).

An epoxy-based mounting resin, hardener, and mount filler is used to mount the Pu-238 oxide. The epoxy resin, hardener, and mount filler consist of diethylenetriamine, Epon Resin 8132 (nonhazardous), and a Citofix/Durofix liquid (nonhazardous). Epon Resin 8132 is a liquid that polymerizes when mixed with an amine (e.g., diethylenetriamine). The Citofix/Durofix liquid is also a polymer. One end of a phenolic ring is covered with aluminum tape. The Pu-238 oxide sample is placed in the center of the interior surface of the tape. The mixture of epoxy resin, hardener, and filler is poured into the mount ring. The mounted sample is placed in a small aluminum film can, which is placed in a pressure bomb. The bomb is pressurized for a minimum of ten hours, vented, and the sample is removed. The mounted Pu-238 oxide sample then undergoes grinding and polishing (References C197 and P181).

Manual grinding and polishing involves moving the mounted sample across wet silicon carbide grinding papers of varying grits that are laid over a glass plate. Between each grinding step and after the last grinding step, the sample is ultrasonically cleaned in distilled water. The mounted sample is polished using aqueous suspensions of aluminum oxide or diamond powder. After polishing, the sample is cleaned in distilled water. Automated grinding and polishing involves using programmable equipment. The grinding process uses a metal or cloth plate that has been coated with an abrasive slurry. This process also involves cleaning the polished sample in distilled water (Reference P181).

Whenever there is a requirement to examine and/or document the Pu-238 oxide grain boundaries, the surface of the polished sample is etched using a solution consisting of hydrobromic, hydrochloric, and hydrofluoric acids. The sample is rinsed with distilled water and allowed to dry (Reference P181).

Residues from the metallography process feed into the P/S Code P1 process. Before 1994, the Pu-238 oxide was physically removed from the plastic mount (no solvent or chemical was used), and the mount was bagged out with other plastic debris. The Pu-238 oxide sample removed from the mount was sent to the P1 scrap and process residue processing operation for plutonium recovery. However, since 1994, the Pu-238 oxide has been left on the mount and archived (stored) in the glovebox line (References C197 and M287).

The waste generated from the metallography process includes aluminum tape, grinding papers and polishing cloths, aqueous abrasive slurries, acid etching solutions, and aqueous washing and cleaning solutions. The grinding papers and polishing cloths are dried and discarded as debris waste, as is the aluminum tape. The aqueous abrasive slurries are feed material for the Pu-238 waste solidification process. Any etching solution remaining on the Pu-238 oxide sample is rinsed off using distilled water and is collected with the aqueous wash solutions. These solutions are also sent to the waste solidification process (Reference P181).

The *Routine Pu-238 Waste Solidification* process of precipitating Pu-238 in waste solutions (P/S R8) has been conducted since 1979 and is still active. The feed material for this process comes from analytical operations, Pu-238 heat source fabrication operations, metallography operations, and other LANL groups. The feed solutions are strongly acidic, contain heavy metals, and have Pu-238 concentrations that are orders of magnitude above the DL for radioactive waste solutions. The solidification process uses sodium hydroxide, ferric nitrate, and phenolphthalein in ethanol to precipitate the Pu-238 (References C194, C196, M293, and P182).

Ferric nitrate solids are dissolved into the feed solutions to act as a flocculent. Concentrated sodium hydroxide solution is then added to convert the acidic solutions into caustic solutions, and cause the ferric ions and the Pu-238 ions in the solutions to co-precipitate as hydroxides. Phenolphthalein solution is used to indicate when the solution is basic. After sedimentation and vacuum filtration, the liquid portion (filtrate) is sampled and alpha-assayed to determine the residual Pu-238 concentration. The sludge is heated (calcined) to oxidize the hydroxides for disposal. This procedure is repeated as necessary for the filtrate until the Pu-238 concentration in the filtrate is below the DL (References P155 and P182).

The waste generated by this process consists of calcined ferric oxide solids containing Pu-238, a caustic solution containing Pu-238 below the DL, and solid debris. The oxide solids are sent to the vault or disposed as waste, depending on the Pu-238 concentration. Waste containers that are predominantly debris may contain small quantities of the oxide solids. The caustic solution is discarded into the caustic drain to the pretreatment plant at the RLWTF (TA-50, Building 1, Room 60) (References P155 and P182).

Aqueous Scrap Processing involves the purification of Pu-238 oxide in a nitric acid stream, similar to the recovery operations already established for Pu-239 as part of TA-55 nitrate operations (Reference C210).

During comminution, the weighed Pu-238 solid is ground to a particle size less than five microns. After the comminution, all or a portion of the ground material is put into a dissolution vessel. The Pu-238 solid is dissolved in a mixture of refluxing concentrated nitric acid and hydrofluoric acid for up to eight hours. After dissolution is performed, the Pu-238-rich solution is filtered through a five micron Teflon membrane. A portion of the filtrate may be processed through ion exchange, or the entire filtrate may be treated for oxalate precipitation (References C210 and D080).

Oxalate precipitation involves an acid adjustment of the filtrate with nitric acid while the solution is continuously stirred using the mechanical stir bar. Urea is added to scavenge nitrite salt that could interfere with further chemical pretreatment. Hydroxylamine nitrate is added to adjust the valence of the plutonium to (III). Oxalic acid is added to form a plutonium-oxalate precipitate. The precipitate is filtered, and calcination converts the Pu-238 oxalate to Pu-238 oxide product. The solid product is cooled, weighed, and stored (Reference D080).

The dissolution Pu-238 filtrate destined for ion exchange may undergo an aluminum nitrate treatment. The dissolution Pu-238-filtrate is added to aluminum nitrate dissolved in dilute nitric acid, followed by a filtration step to collect any formed solids (typically, the aluminum nitrate treatment is not performed). The filtrate then undergoes a pretreatment involving urea, sodium nitrite, and ferric salt prior to ion exchange. The plutonium-rich eluate is collected and undergoes oxalate precipitation as described above. The plutonium-lean effluent, which contains impurity metal ions, as well as the aluminum from the aluminum nitrate treatment, is neutralized to pH 10-12 with sodium hydroxide. Under these neutralization conditions, the majority of the impurity ions and Pu-238 (not precipitated as an oxalate precipitate) will precipitate as metal hydroxides (References C210, C213, D079, and D080).

The hydroxide precipitate is calcined then stored, and the hydroxide filtrate is sampled to determine the radioactivity level. Waste containers that are predominantly debris may contain small quantities of the metal hydroxides. If above the DL, the hydroxide filtrates are transferred to the residue solidification process. In this process, soluble Pu-238 is recovered with ferric nitrate and sodium hydroxide, and the filtrate resulting from the solidification process is sent to the TA-50 RLWTF through the caustic waste line. The Pu-238 in the hydroxide filtrates can also be recovered by an ultrafiltration/polymer filtration process operated by NMT-11 personnel. The Pu-238 oxide product is sent to P/S Code P1. The hydroxide cakes are stored either in the vault or in the glovebox line under P/S Codes MM for disposal or ASP for recovery (References C210 and D080).

Induction Heating and Levitation is a technique used to achieve minimal contamination of conductive material. This technique uses Pu-238 metal from various operations and produces small quantities of uncontaminated metal by suspending and then melting the material inside of an induction coil with induction heating. Once the material has melted, the power is shut off, and the molten mass can be dropped or forced into a mold for forming. This process was designed to drive off impurities from the metal by melting it in a vacuum and not reintroducing impurities from a container during the time the material is in the molten state. The purified Pu-238 metal is sent to the vault (References C220 and M306).

Pu-238 Direct Oxide Reduction was an activity that was performed in October 1998 and October 1999 to produce Pu-238 metal for the accelerated plutonium aging program. There are no current plans to perform this operation again, but the code is still active. In this process, plutonium oxide and calcium metal are reacted in molten calcium chloride to produce plutonium metal. The reaction is conducted in a MgO crucible at 820° to 875°C. The reaction proceeds to completion when excess calcium is present and when sufficient calcium chloride is available to dissolve the calcium oxide product. After cooling, a plutonium metal button is removed by breaking the crucible. The salts are exposed to air to oxidize pyrophoric metals that might be present. The salt is then either routed through aqueous recovery operations to recover the plutonium or discarded as waste with the crucible pieces. The plutonium button is sent to the vault (References C211, C221, D080, and P189).

Traditionally, the *Thermal Decomposition of Cellulose* process incinerated organic-based materials contaminated with plutonium to ash to reduce the volume of waste generated or to recover the plutonium using a nitrate dissolution process. Due to increasingly stringent regulations governing the combustion products associated with incineration, the incinerator process was modified to thermally decompose organic-based materials in an argon atmosphere in 1995. The thermal decomposition unit is also referenced in nitrate operations. It consists of a pyrolysis or passivation chamber, a caustic scrubber (potassium hydroxide) unit, and vacuum system. Organic-based materials designated for passivation have been limited to rags (cheesecloth) contaminated with nitric acid solution (References C200, D071, M299, and P156).

During processing, oil contaminated rags are separated from nitrated rags. The nitrated rags are moistened with water to reduce reactivity and excess water is removed using a filtration screen. The rags are then combined, placed in a furnace can, and reduced to ash in an argon atmosphere in the furnace. The ash, rinse water, filter residues, and caustic solution are further processed to recover the plutonium, if these materials are determined to exceed the DL. These materials are sent for disposal, if below the DL. Liquid waste below the DL is sent to the RLWTF at TA-50 (References C200, D071, M299, and P156,).

The *Routine Scrap Processing*, which operated from 1988 to 1996, received Pu-238 feed materials (Pu-238 oxide) from calorimetry operations, heat source operations (P/S Codes P1 and GPHS), and the vault. The scrap processing operation involved opening, weighing, sorting, and segregating the Pu-238 oxide that arrived in a stainless-steel inner shipping container (EP-60). The Pu-238 oxide was then transferred into an outer shipping container (EP-61) and sent to the calorimetry process, and then to the vault (References C194, M288, and M289).

The *Recovery of Pu-238 Oxide from Contaminated Iridium* process occurred from 1990 to 1992. The feed material for this process came from metal items in the iridium inventory in PF-4 or in the CMR Facility at TA-3. This process used both molten magnesium chloride and electrochemical dissolution to remove Pu-238 from iridium (References M290 and M291).

The first step in this process involved immersing the Pu-238 oxide-contaminated iridium metal in molten magnesium chloride. The magnesium chloride was melted in a MgO crucible. The same salt was used for subsequent runs until it had lost its effectiveness. The iridium shells were placed into a tantalum basket and immersed in the molten salt. At the end of the treatment, the iridium metal was removed from the salt and the salt coating on the metal was removed with a water wash. This water wash was sent to the Pu-238 solidification process. The spent salt and crucibles were bagged out and assayed before being discarded as Pu-238 contaminated TRU solid waste. The iridium metal was sent to the vault unless additional treatment was necessary (References C194 and C197).

If further treatment was required, the iridium metal underwent electrochemical dissolution. The electrolyte solution consisted of a dilute mineral acid (nitric acid, hydrochloric acid, or sulfuric acid) with optional salt. The iridium metal was immersed in the solution, and a current was passed between the iridium metal and a graphite reference electrode. At the end of the run, the iridium metal was washed with water and allowed to dry. The clean iridium metal was sent to the vault. The spent electrolyte solution, which was acidic and contaminated with small amounts of iridium and Pu-238, and the water wash were sent to the Pu-238 solidification process (References C197, M290, and M292).

The *Recovery of Pu-238 from Sucrose Solutions* occurred from 1979 to 1988. The feed material for this process consisted of a 35 percent sucrose solution composed of sodium pyrophosphate, water, and sucrose. Sucrose solutions were used as a dispersive medium in particle size analysis of Pu-238 oxide; therefore, the feed solutions contained recoverable amounts of Pu-238 oxide (References D080 and M294).

The Pu-238 was recovered from these sucrose suspensions by filtering out the Pu-238 oxide in a ceramic filter boat and evaporating the solution to dryness over low heat. The Pu-238 oxide residue was scraped off the filter paper and calcined, then sent

off-site for reprocessing. The residue from the evaporated solution was calcined and sent for discard if the Pu-238 content was below the DL (References D080 and M294).

The *Pellet Production* process is no longer active. The original feed material for the pellet production process consisted of Pu-238 oxide from fuel fabrication. This material underwent the physical operations of screening and weighing, die loading, hot pressing, sintering, and dimensioning. The product was sent to the vault and any residues were sent to the scrap and process residues processing operation (References C220, D074, D080, and M285).

The *Welding and Decontamination* process is no longer active. Heat source capsules were welded and a solution of nitric and hydrofluoric acid was used for decontaminating the fuel clads. The clad heat sources were immersed in the solution a minimum of three times to allow the acids to dissolve any plutonium oxide particles on the clad surface. Each time, the heat sources were removed from the acid solution and placed on a rag dampened with water. A rubbing action removed contamination while the heat of the source caused the acid solution and water on the rag to evaporate at a fairly rapid rate. The TRU acid solutions generated by the decontamination steps were neutralized to precipitate plutonium, and the filtrate was discarded into the caustic waste line to the RLWTF at TA-50. The plutonium precipitate was discarded if it met the DL. The only other process chemical, UCAR C-34, was an epoxy for sealing the graphite aeroshell of the LWRHU heat source assembly. The epoxy was not RCRA-regulated (References C220, D080, and M284).

The *Material Reclamation* process is no longer active. The process was used to remove specially identified Pu-238/beryllium (Be) neutron source material from its packaging and place it into packaging authorized for shipment to the WIPP. Waste disposal was chosen over reclaiming the source material because there was no capability for purifying and reclaiming the Pu-238. This process involved the disassembly of source materials retrieved from the vault, crushing and sieving the source material, and packaging the products and byproducts as waste. The original packaging was also disposed of as waste (References C156, D060, and P170).

4.4.8 Facility and Equipment Maintenance Operations

Facility and equipment maintenance operations conducted in TA-55 involve cleaning and decontamination, equipment inspection and replacement, modification and repair of facilities, and general housekeeping. Cleaning and decontamination operations include physical wiping and the use of cleaning solutions (e.g., Fantastik, water) to remove potential contamination and to restore work areas and equipment to their original condition. Paper, plastic, and rags with a cleaning solution are used to remove or contain the spread of contamination. Equipment inspection, calibration, and replacement operations are performed to ensure continued operability and process efficiency. Solid wastes generated from these operations may include paper and plastic wastes, glass, small equipment (e.g., labware, motors, pumps), and small tools.

Modification of facilities include plumbing; electrical fixtures and equipment installation; and installation or removal of gloveboxes, ventilation ductwork, and windows. General housekeeping includes cleaning, repair, and organization of the facility/infrastructure. Solid wastes generated from these operations may include HEPA filters, glass, glovebox gloves, paper, plastic, and rags. Solid waste generated from these operations is disposed of as TRU or LLW waste. General facility maintenance solutions (e.g., wet vacuum water, mop water) are sent to the evaporator or the RLWTF (References D002, D008, D009, D011, D013, D014, D017, D023, D024, D026, D032, D045, M011, P001, P102, and P155).

4.4.9 Decontamination and Decommissioning (D&D) Operations

D&D operations are commonly performed at PF-4 in TA-55 to reduce the amount of floor space posted as radiological controlled areas and to support upgrades to existing facilities and equipment. These efforts assist in contamination control and result in a decrease in the amount of radiological waste generated at TA-55. These radiological controlled areas house the equipment and material used to perform the above listed operations and the waste generated during D&D operations contain the same chemical and radiological contaminants. No hazardous chemicals are added to the waste during the D&D operations. Commercially available, non-hazardous cleaning products, such as Fantastik, are used to remove loose contaminants. The goal of the D&D is to reduce the amount of TRU waste generated as much as possible through decontamination and size reduction (References D002, D013, D014, D026, D034, and D041).

Decontamination operations are used to accomplish several goals, such as reducing occupational exposures, limiting potential releases of radioactive materials, permitting the reuse of components, and reducing the amount of TRU waste generated. Decontamination operations included the use of mechanical and chemical cleaning techniques such as brushing, stripping, washing, and wiping to remove contamination. In addition, physical isolation and draining of equipment are performed when necessary. Based on the radiological contamination, drained liquids are either further treated or solidified. Decommissioning operations included the physical removal of contaminated gloveboxes, equipment, machinery, furnishings, and support systems. This included the removal and size reduction of glovebox internals, process piping and supports, tanks and ancillary equipment, and other fixed equipment such as ducting, wires, conduits, electrical panels, and cabinets. Gloveboxes and equipment are size reduced as necessary and packaged for disposal. Size reduction operations are sometimes performed in other facilities as discussed below in the repackaging and prohibited item disposition section. Secondary waste such as combustibles, metal, and plastic generated during D&D is expected to be part of the waste. D&D operations also included the removal of stored radiological and hazardous materials and other related actions (References D002, D013, D014, D026, D034, and D041).

4.4.10 Waste Repackaging and Prohibited Item Disposition

Waste repackaging and prohibited item disposition can be performed in four facilities outside of TA-55. Containers that fail to meet WIPP criteria are sent to these facilities to be safely remediated. The first facility was established in 1979 at TA-50 as the SRF to size-reduce non-routine items such as decommissioned gloveboxes, ductwork, and process equipment to fit in 55-gallon drums or standard waste box (SWBs). A plasma torch was commonly used during size reduction operations to cut up these large items into manageable pieces. The SRF historically combined waste from multiple facilities and these containers will be identified and characterized under a separate TA-50 waste stream. As LANL TRU waste characterization and certification activities increased, the mission of the SRF was expanded to include various operations to support TRU waste characterization. In 1993, the name of the SRF was changed to the WCRR Facility to reflect the expanded remediation and repackaging mission. Size reduction operations at the WCRR Facility were discontinued around 1997. Recently, the WCRR Facility has started remediating/repackaging nitrate salt waste with an inert absorbent material (e.g., zeolite, kitty litter). The minimum inert absorbent material to nitrate salts mixture ratio is 1.5 to 1. The second repackaging facility, the TA-54 Building 412 facility, operated for a short time in the early 2000s and resumed operations again in 2010. The third facility, the TA-54 Dome 231 Permacon, was established in 2006 at which time CCP personnel began observing operations. The fourth facility, the Box Line Process, began operations in 2012 at the TA-54 Dome 375. All three TA-54 facilities perform the same basic functions including sorting, segregating, size reduction, and repackaging operations on waste containers (e.g., 55-gallon drums) that contain WIPP nonconforming items. The facilities also safely process oversized containers (e.g., FRPs, CMBs). They disassemble oversized containers (e.g., FRPs), process waste items located within, size reduce waste items (if necessary), and process the original packaging (e.g., plywood sheathing). They then repackage these wastes in standard containers (e.g., 55-gallon drums, SWBs) that can be permanently disposed of at the appropriate disposal facilities. These facilities also process (i.e., modify and vent) CMBs in order to load them into ten drum overpacks (TDOPs). Modification of the CMBs includes cutting the edges of the box so it will fit into a TDOP. The original packaging materials (e.g., plywood sheathing) will be managed as either TRU or LLW waste(References C163, C165, C185, D013, D026, D041, D062, D089, D090, D091, P154, P158, P159, P192, P194, P195, P196, P197, P198, P199, P203, and P204).

These facilities are used to perform VE, repackaging, and prohibited item dispositioning of TRU waste. VE is performed to provide information that is used to 1) confirm the waste stream delineation by AK, 2) ensure the absence of prohibited items, and 3) characterize retrievably stored waste with inadequate AK, in lieu of RTR. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new containers, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items (e.g., unpunctured aerosol cans) are removed and segregated if necessary prior to certification and shipment. Waste items with high dose rates may be repackaged into a pipe overpack

container (POC). Current repackaging procedures ensure that waste items placed into a new container originate from a single parent container. Therefore, if repackaging is necessary the original TA-55 characterization is retained. Some secondary waste generated during remediation and repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces). Although these operations are performed outside of TA-55, there is no cross contamination with waste from other LANL facilities for the containers covered in this report (References C150, C177, M316, P154, P158, P159, P192, P194, P195, P196, P197, P198, P199, and P203).

4.4.11 Below-Grade Retrieval Project

Since 1970, TRU waste generated by LANL has been retrievably stored at TA-54, Area G in anticipation of disposal at WIPP. Some of this waste, generated between 1970 and 1998, has been stored below ground. The below ground TRU storage includes a trench containing corrugated metal pipes, Pit 9, four trenches (A–D), and remote-handled (RH) shafts. Based on a review of available AK, only Pit 9 and Trenches A–D contain CH waste from TA-55. LANL has established the Legacy Waste Disposition (LWD) Project to ensure the safe retrieval of containerized TRU waste from below ground storage (References D063, D064, and D067).

Pit 9 was excavated in the spring of 1974 and completed for use in November of 1974. Pit 9 is located in the central portion of TA-54, Area G. Pit 9 is approximately 400 feet long, 20 feet deep, and 30 feet wide. The south end was excavated to an almost vertical slope while the north end has a 6 to 1 slope for access to the pit. The pit was used for retrievable storage of 30-, 55-, and 85-gallon drums, crates, and FRPs containing TRU waste. The primary mission of the Pit 9 LWD Project is to retrieve and relocate 4,082 waste packages containing TRU waste into an inspectable storage configuration (References D063, D064, D065, D066, and M280).

Trenches A–D received TRU waste between 1974 and 1985 for storage until it could be disposed of at WIPP. Trenches A–D were excavated to different dimensions based upon the quantity of waste to be stored and the trench proximity to adjacent disposal pits. Placement of waste into Trench A occurred between March 1974 and October 1974. Trench B was active between April 1976 and April 1977. Waste placement in Trench C began in April 1977 and ended in September 1981. Trench D was active between September 1981 and December 1985. The TRU waste stored in the trenches consists of 30-gallon containers placed inside concrete casks (References D067, D068, M281, and P174).

The primary mission of the LWD Project at TA-54, Area G is to retrieve, characterize, repackage, as necessary, and dispose of below-grade TRU waste. Retrieval operations typically include workspace setup, removal of below ground storage material (e.g., soil, plastic, plywood), inspection of waste containers to be removed (i.e., evaluation of container integrity), radiological survey of the containers, physical removal of the containers using various mechanical means, and workspace cleanup. Retrieved containers that are intact may be washed with water and detergent to remove soil or contamination if found. The wash water is treated separately from the containerized waste. Depending on the type and condition of the retrieved container further repackaging or processing may be required. For instance, drums with integrity or prohibited item (e.g., liquids) issues may be repackaged or overpacked (i.e., 30-gallon drum placed into a 55-gallon drum) in the facilities/operations described in Section 4.4.10. The eventual number of 55-gallon drum equivalents generated will be dependent on the radiological characteristics of the waste containers, and the condition of the retrievably stored below-grade containers. Materials used during retrieval operations that may contaminate the waste include plastic sheeting, bags, and PPE (References C178, D063, D064, D067, and P174).

4.5 Waste Certification Procedures

TRU mixed waste in waste streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, and LA-MIN04-S.001 will be certified in accordance with CCP-PO-001 (Reference 7).

5.0 REQUIRED WASTE STREAM INFORMATION: LA-MHD01.001

This section presents the mandatory waste stream AK required by the WIPP-WAP (Reference 1). Attachment 1 of procedure CCP-TP-005 (Reference 8) provides a list of the TRU waste stream information required to be developed as part of the AK record.

5.1 Area and Building of Generation

All of the debris waste covered by this AK Summary Report originated from TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in Section 4.4. Container-specific records are reviewed for each container to verify the physical composition and origin of the waste stream inventory (References M019, M156, M215, M216, M217, M218, M219, M222, M224, M226, M238, M273, M274, M275, M276, M296, and M298).

5.2 Waste Stream Volume and Period of Generation

Waste stream LA-MHD01.001 is mixed heterogeneous debris generated from 1978 to present. Although plutonium operations commenced in 1979, material has been located in TA-55 since 1978. Table 1, LA-MHD01.001 Approximate Waste Stream Volume, summarizes the volume of this waste stream. Of the 16,591containers in this waste stream, 713 are presently in below-grade retrievable storage at TA-54, Area G. The projected volume of retrievably stored below-grade containers may change based on the radiological characteristics and the condition of the containers. The future projected generation of heterogeneous debris waste from fiscal year 2014 through fiscal year 2016 is approximately 2,400 55-gallon drums (504 cubic meters). There is no projected end date for the termination of operations that generate this waste stream (References C152, C153, C175, C179, C219, C225, C232, C233, C240, D025, D041, M156, M241, and M298).

Table 1. LA-MHD01.001 Approximate Waste Stream Volume

Containers	Volume (cubic meters)
174 30-gallon drum	19.76
15,420 55-gallon drums (includes POCs)	3,238.2
600 85-gallon drums	192
3 110-gallon drums	1.25
308 SWBs	579.04
86 Other Containers	490.2
16,591Total	4,520.45

5.3 Waste Generating Activities

Wastes are generated from materials used during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in detail in Section 4.4 and include (References D025 and D041):

- Preparing ultra-pure plutonium metals, alloys, and compounds
- Preparing (on a large scale) specific alloys, including casting and machining these materials into specific shapes
- Determining high-temperature thermodynamic properties of plutonium
- Reclaiming plutonium from scrap and residues produced by numerous feed sources
- Disassembling components for inspection and analysis
- Manufacturing of parts on a limited basis
- Processing mixtures of plutonium and uranium oxides for reactor fuels
- Pu-238 generator and heat source R&D, fabrication, testing, and recycling

5.4 Type of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, WMPs, radionuclide contaminants, and RCRA hazardous waste determinations for waste stream LA-MHD01.001. The waste stream is characterized based on knowledge of the

materials, knowledge of the operations generating the waste, and physical descriptions of the waste.

5.4.1 Material Input Related to Physical Form

Waste stream LA-MHD01.001 consists of mixed heterogeneous debris waste generated in TA-55. The debris waste includes paper, rags, plastic, rubber, wood based HEPA filters, other plastic based and cellulose based items (e.g., PPE), noncombustible (e.g., metal and glass), and lesser quantities of homogeneous solids (less than 50 percent by volume) contaminated with nuclear materials (e.g., americium oxide). Plastic-based waste includes (but may not be limited to): bottles, dry-box gloves (unleaded neoprene base), gloves including leaded gloves, ion-exchange resins, Plexiglas, polyethylene and vinyl, polystyrene, polyvinyl chloride plastic, tape, Tygon tubing, and vials. Rubber- and Teflon-based waste includes rubber gloves, Teflon tape, gaskets, and stoppers. Cellulose-based waste includes (but may not be limited to): booties, cardboard, cotton gloves, coveralls, laboratory coats, paper, rags, wood, and similar materials. Noncombustible debris waste includes (but may not be limited to): bottles (e.g., glass), cans (e.g., steel and brass), composite HEPA filters, crucibles, equipment (e.g., furnaces, foundry parts, machine tools and parts), fluorescent bulbs, glass, gloveboxes, glovebox windows, graphite, lead (e.g., shielding), metal pipes, miscellaneous labware, metal (e.g., beryllium), motors, pumps, slag, small tools, and ventilation ductwork. Homogeneous solid waste (less than 50 percent by volume) includes: hydroxide cake/filter materials, salts, and ash residues. Hydroxide cake/filter materials are composed of precipitated materials such as americium cadmium, calcium, chromium, iron, lead, magnesium, mercury, neptunium, plutonium potassium, silver, sodium hydroxide, thorium, and uranium. Salt waste can include varying mixtures of calcium chloride, cesium chloride, lithium chloride, magnesium chloride, potassium chloride, sodium chloride, zinc chloride, residual entrained calcium and zinc metal, and various plutonium and americium compounds. Ash residues originate from the thermal reduction of organic-based waste products that were contaminated with plutonium (e.g., plastics, rubber, wood, cellulosics, and oils) and may include incomplete combustion products such as small pieces of plastic and metal debris items. The waste stream also includes a small fraction liquids (e.g., waste oils and organics) and solids (e.g., nitrate salts) absorbed or mixed with absorbent materials which may include Ascarite II, (sodium hydroxide coated silicate), diatomaceous earth (silica and quartz), kitty litter (clay), vermiculite (hydrated magnesium-aluminum-iron silicate), and/or zeolite (aluminosilicate mineral). Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C176, C177, D025, D041, D083, D084, M019, M215, M216, M217, M218, M219, M222, M316, and P178).

5.4.1.1 Waste Matrix Code

Based on the evaluation of the materials contained in this waste stream and LANL waste management practices, this waste stream is comprised of greater than 50 percent by volume heterogeneous inorganic and organic debris such as metal, glass, graphite, plastic, cellulosic materials, rubber, and filters. Therefore, Waste Matrix Code S5400, Heterogeneous Debris, is assigned to waste stream LA-MHD01.001. Although the waste stream, as a whole, is comprised of more than 50 percent by volume heterogeneous debris, any container may include nearly any percentage of the WMPs listed in Section 5.4.1.2. However, containers including greater than 50 percent by volume homogeneous solids (e.g., hydroxide cake/filter materials, salts, and ash residues) will be excluded from this waste stream (References 2, D025, D041, D083, D084, DR001, DR005, M019, M156, M157, M158, M215, M216, M217, M218, M219, M222, M224, M226, M238, M273, M274, M275, M276, M296, and M298).

5.4.1.2 Waste Material Parameters

To estimate the WMPs for waste stream LA-MHD01.001, WMP data were obtained from the Waste Data System (WDS), formerly known as the WIPP Waste Information System (WWIS) database, as of October 3, 2006. The WMP data were derived from RTR and VE of this waste stream by the CCP TRU Waste Certification Program (TWCP) at LANL for this waste stream. In cases where WDS data included both RTR and VE data for the same container, only the VE data was included in this assessment.

The WMPs for waste stream LA-MHD01.001 were estimated by reviewing the WDS waste container inventory records for 1,917 containers. The WDS data provides a weight for packaged waste materials, which were categorized into one or more of the following WMPs: iron based metals/alloys, aluminum based metals/alloys, other metals/alloys, other inorganic materials, cellulosics, rubber, plastics, and inorganic matrix. The 1,917 containers included in the evaluation represent approximately 14 percent of the current waste stream (Reference C179). The waste generation date range for containers included in the evaluation is from December 1979 to June 2004, compared to the generation date range for this waste stream of November 1979 to present. Therefore, it is assumed that the WMP data for the 1,917 containers are representative of waste stream LA-MHD01.001 as a whole. Average, minimum, and maximum WMP weight percentages were calculated using the WDS data, and the results of this analysis are presented in Table 2, Waste Material Parameter Estimates for LA-MHD01.001.

The statistical analysis of the data is documented in a memorandum (included with Attachment 6) as required by CCP-TP-005 (Reference 8).

Table 2. Waste Material Parameter Estimates for LA-MHD01.001

WMP Description	Average Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	42.05%	0.00% - 100.00%
Aluminum-based Metals/Alloys	0.17%	0.00% - 77.51%
Other Metals	5.04%	0.00% - 91.45%
Other Inorganic Materials	27.27%	0.00% - 100.00%
Cellulosics	3.48%	0.00% - 95.86%
Rubber	5.22%	0.00% - 98.67%
Plastics (waste materials)	16.10%	0.00% - 100.00%
Organic Matrix	0.00%	0.00% - 0.00%
Inorganic Matrix	0.67%	0.00% - 72.48%
Soils/Gravel	0.00%	0.00% - 0.00%
Total Inorganic Waste Average	**75.20%**	
Total Organic Waste Average	**24.80%**	

5.4.2 Radiological Characterization

5.4.2.1 Pu-238, Pu-239, Pu-240, Pu-241, and Pu-242

The primary plutonium material type inputs for the plutonium recovery process are listed in Table 3. However, other MTs are occasionally introduced as feed material. The assignment of MTs is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex (References C186, C194, C209, C219, C222, D025, D073, D074, D076, D080, D083, M019, M156, M159, M215, M216, M217, M218, M219, M222, M238, M273, M274, M275, M276, M283, M295, and M309).

Recovery operations are not expected to alter the plutonium isotopic ratios of the feed material. The material type used in the operation generating each waste item is documented on generator records; however, in many cases, items of different material types are packaged into the same waste container, so that a variety of plutonium isotopic ratios may be detected by radioassay. In addition, cross-contamination of equipment with different material types can lead to variable material types detected by radioassay (References D025, M019, M156, M159, M160, M215, M216, M217, M218, M219, M222, M238, M273, M274, M275, and M276).

The primary MT that feeds into the Pu-238 operations described in this report is heat source grade plutonium (MT 83), and these operations are not expected to alter the plutonium isotopic ratios of the feed material. Table 3 identifies the isotopic distribution of MT 83 based on 100 isotopic analyses and was decay corrected assuming the material was not chemically separated for 45 years (References C125, C186, C194, C209, C219, C222, D073, D074, D076, D080, D083, M283, M295, and M309).

5.4.2.2 U-233, U-234, U-235, and U-238

U-233 and U-238 are not normally components of the plutonium MTs handled at PF-4. U-235 is present from the decay of Pu-239 only at 0.1 percent by weight of the total plutonium content. However, all three isotopes have been introduced as special material. In addition, uranium-plutonium oxide mixtures have been processed to recover the plutonium. Significant quantities of U-234 will be present from the decay of Pu-238 in containers originating from heat source plutonium operations (References C222 and D025).

Table 3. Average Isotopic Content of Plutonium Material Types and Enrichments

Material Type (MT)	Plutonium Isotope (Wt. %)						Estimated Weight% Relative to Total Plutonium[a]		
	Pu-238	Pu-239	Pu-240	Pu-241	Pu-242	Pu-244	U-234	U-235	Am-241
MT 51	0.006	96.77	3.13	0.076	0.018	-	0.001	0.1	0.06
MT 52	0.01	93.78	6.0	0.2	0.02	-	0.002	0.1	0.2
MT 53	0.03	91.08	8.45	0.366	0.071	-	0.007	0.09	0.3
MT 54	0.046	87.42	11.5	0.81	0.22	-	0.01	0.09	0.7
MT 55	0.06	83.88	14.73	1.03	0.304	-	0.02	0.09	0.9
MT 56	0.061	81.9	16.51	1.18	0.355	-	0.02	0.09	1.0
MT 57	0.433	74.63	20.7	2.55	1.69	-	0.1	0.08	2.0
MT 42	0.73	1.06	6.40	1.97	89.83	-	0.3	0.0009	3.0
MT 83	78.9	18.4	2.5	0.055	0.15	-	33.1	0.02	0.42

[a] These ratios are calculated under the assumption that there is no chemical fractionation.
Sources: References C100, C101, C124, C125, D025, M017, and M309.

In general, uranium and its isotopes are expected to be present only at trace levels, if at all, if the feed material did not purposely contain uranium. However, some reactor fuel development, uranium-plutonium separation and pit disassembly operations have uranium material as the feed material. The primary uranium MT inputs are listed in Table 4, Average Isotopic Content of Uranium Material Types and Enrichments.

Table 4. Average Isotopic Content of Uranium Material Types and Enrichments

Material Type	U-234	U-235	U-236	U-238
MT 12	0.0015	0.23	0.008	99.77
MT 35	0.36	37.6	0.14	61.9
MT 36	0.63	62.44	0.18	36.75
MT 38	1.03	93.04	0.41	5.53
MT 39	1.32	97.52	0.17	0.99

Sources: References C100, D025, and M017.

U-234 content must be estimated since this isotope cannot be reliably measured using NDA techniques (Reference C001). The MT provides the basis for estimating an upper bound for U-234 based on the rate of decay of the precursor, Pu-238, and the assumption that there is no other source of uranium in the waste material. The content of U-234 in the Pu-239 MTs is calculated as the sum of the contributions expected from decay of Pu-238 and from uranium input to the operation, with the value of 0.014 conservatively used for the ratio of abundances of U-234 to U-235 in typical uranium MTs. The standard uranium MTs provide an estimate of the ratio of U-234 to U-235 where one of the MTs listed in Table 4 is an indicated MT in the waste container (Reference D025).

5.4.2.3 Am-241

AK on the MT inputs provides the basis for estimating an upper bound for Am-241 content based on the rate of decay of the precursor, Pu-241. The purpose of such bounding calculations is to provide a basis for identifying significant enrichment or depletion of Am-241 based on radioassay results for individual waste containers. The calculations assume that (a) none of these isotopes were initially present in the material, (b) the oldest plutonium material in inventory dates back to January 1, 1960, and (c) the legacy waste was packaged on January 1, 1996, making it 36 years old at that time. In general, wastes from the plutonium recovery process are enriched with Am-241, because a primary intent of the recovery process is to reduce the americium content of the retained plutonium (References C222 and D025).

No correlation is expected among the different radioelements, Pu, neptunium (Np), U, Pa, or Am. The differences in valence states and chemical affinities among these elements are expected to result in substantial fractionation during several recovery operations, including ion exchange, solvent extraction, hydroxide precipitation, and dissolution (Reference D025).

5.4.2.4 Other Radionuclides Present Due to Decay

Other radionuclides will be present in most of the wastes from the decay of a plutonium isotopic precursor or as a contaminant in the feed material (References C067, C073, C208, C209, and D025):

- Np-237, the decay product of Am-241 (half-life, 458 year), is expected to be present in minor amounts in most waste from recovery operations.
- Am-243, the decay product of Pu-243 (half-life, 5.0 hour), is expected to be present in minor amounts in most wastes from recovery operations. Pu-243 is produced by neutron capture on Pu-242 during fuel irradiation.
- Pa-231, the decay-chain daughter of U-235, is expected to be present in trace amounts in some wastes due to its widespread presence as a contaminant in recovery operations.
- Actinium (Ac)-227, the decay-chain daughter of Pa-231, is expected to be present in trace amounts where Pa-231 is present, but at several orders of magnitude less than Pa-231.

5.4.2.5 Cesium (Cs)-137 and Strontium (Sr)-90

Cs-137

Cs-137 is a product of the spontaneous fission of Pu-238, Pu-239, and especially Pu-240. Cs-137 is also a trace contaminant in purified plutonium from the production reactors (References C067 and C073). In the latter case, the remaining cesium could be on the order of 0.5 nanograms per gram (ng/g) plutonium. In the former instance the formation of Cs-137 due to spontaneous fission would lead to about 0.4 picograms per gram (pg/g) plutonium in plutonium that is 10 years old. Because Cs-137 due to spontaneous fission is about a factor of a thousand less than that due to residual contamination from the original separation on the production fuel, the latter is the dominant source of cesium in waste (References C208, C209, and D025).

Sr-90

Based on interviews with a Subject Matter Expert (SME), no spent nuclear fuel or other material containing Sr-90 were introduced into the TRU waste streams (Reference C076). No references or procedures related to spent fuel processing were located in the AK investigation of records. No generator documents (i.e., WODF, DWLS, TWSR, WPF) identified spent fuel or Sr-90 as inputs or as present in the waste (References C208, C209, and D025). During review of WPFs and database records from the waste storage facility (TA-54), use of material containing Sr-90 was identified in 771 containers of waste originating from TA-03 and TA-21. WPFs indicate processing

of fuel pins in metallography operations and of samples of Hanford Tank waste in chemistry experiments. These operations and wastes are segregated by facility of origin, and the wastes are not commingled with wastes from LANL. Like Cs-137, Sr-90 is a high yield fission product and is unlikely to be present except as a trace remnant from plutonium production/processing. Unlike Cs-137, however, Sr-90 (together with its Y-90 daughter) emits no significant gamma radiation that would allow it to be quantified by direct gamma counting. Therefore, no reliable means exist for the direct NDA of Sr-90. However, because of the requirement that an estimate of Sr-90 content be made, the following approach is taken. In plutonium production runs, Cs-137 and Sr-90 are produced at approximately the same level. These two nuclides have very similar half-lives (~ 30 y) and will therefore be present at roughly the same activity level prior to commencement of any processing operations. If it is assumed that strontium and cesium are not fractionated from one another during chemical processing, Cs-137 may be used as a marker for Sr-90 activity at a ratio of 1:1 (Reference D025).

5.4.2.6 Other Radionuclides Introduced as Feed Material

Secondary radionuclides are also present in the waste due to operations involving feed materials other than plutonium (Reference C076). Additional radionuclides expected to be present in each operation were listed by a panel of experts from LANL. The resulting list is documented in a memorandum linking the radionuclides to P/S Codes (References C076 and C108). The list includes Ac-227, Am-241, Am-243, cerium (Ce)-144, curium (Cm)-244, Np-237, Pa-231, Pu-238, Th-230, Th-232, U-233, U-235, and U-238 (see Table 5, Secondary Radionuclides in Plutonium Recovery TRU Waste).

The possible presence of Cm-244 in TRU waste is of particular interest to radioassay operations because it can affect the choice of a radioassay instrument to use for optimal results. Cm-244 was introduced in recovery operations in P/S Code (Detector oxide preparation [DOP]), which started in 1988 (References C067 and D083). Material outputs from this operation sometimes are sent to P/S Codes IS (Incinerator) or WE (Welding). Cm-244 could also be part of waste under P/S Code CA (Casting) because both operations take place in the 300 Wing of PF-4. Because only one room in this area is available for bagouts, TRU waste from P/S Codes DOP and CA are sometimes combined. In addition, because rags from DOP are sent to IS, Cm-244 could be present in the ash produced by this operation, which is then processed through nitrate aqueous recovery operations. Some fraction of the Cm-244 could ultimately end up in the evaporator bottoms, which is then immobilized in cement in P/S Code CF (cement fixation) (Reference D025).

Table 5. Secondary Radionuclides in Plutonium Recovery TRU Waste

Secondary Radionuclide	P/S Code Generating Waste
Actinium-227	AD, ARI, BC, CV, FF, HGMS, LIBS, PF, SRL, WM, XO
Americium-241	AO, AP, CA, CD, CF, CLX, CXL, DOP, EV, FA, HCD, HD, HP, IA, LR, MA, OH, PI, PR, PRR, PS, SS, SX, WE, XP; plus trace amounts expected in TRU waste generated by nearly all P/S Codes, due to ingrowth from Pu-241 decay. Waste could be either depleted or enriched in Am depending upon whether the source of contamination is the product or the residues.
Americium-243	BC, CA, DOP, JA, MA, PH, PI, SS, WE
Cerium-144	DOP, WE
Curium-244	CA, CF, DOP, IS (Mar-Apr 1987), WE
Neptunium-237	ATL, BC, CA, CF, DOP, ED, EV, IS, JA, MA, Neptunium, PI, RB, RFX, WE; plus trace amounts expected in TRU waste generated by nearly all P/S Codes, due to ingrowth from Am-241 decay.
Protactinium-231	AD, BC (1989), FF, JA (1989), WE, WM, XO/X0
Plutonium-238	AAP, TDC, TSC
Plutonium-241	EV, IS, TDC, TSC
Thorium-232	CF, DOP, PT, WE, XO/X0
Thorium-232 enriched with Thorium-230	BC, JA, WE
Uranium-233	DOP, WE
Uranium-235 or enriched uranium	CN, EDC, FF, GI, ME, MW, OB, PD, PI, RS, SRL, UA, UCON; and P/S Codes in nitrate operations (AL, AO, AP, AS, AT, ATL, BAC, BF, BL, BM, BU, CC, CD, CF, CH, COD, COL, CPOD, CR, DF, DP, DS, ED, ETD, EV, FA, FC, FX, GMS, HC, HCD, HD, HGMS, HP, HRA, IA, IS, LC, LG1, LG2, LR, MAG, MAS, MB, MELL, MF, ML, MPD, NC, NL, NR, OD, OH, OY, PA, PAF, PR, PS, PT, PTS, RB, RBJ, RC, RCM, RFX, RO, RR, SC, SP, SSD, SX, TDC, TSC, UPS, US, US2, VC, VP1, VP2, VP3, VUL, ZD)
Uranium-238 or depleted uranium	BC, CN, EDC,FF, GI, JA, LC, ME, MW, OB, PD, RC, RS, SRL, UA, UCON, UPS, US, WE, and P/S Codes in nitrate operations (AL, AO, AP, AS, AT, ATL, BAC, BF, BL, BM, BU, CC, CD, CF, CH, COD, COL, CPOD, CR, DF, DP, DS, ED, ETD, EV, FA, FC, FX, GMS, HC, HCD, HD, HGMS, HP, HRA, IA, IS, LC, LG1, LG2, LR, MAG, MAS, MB, MELL, MF, ML, MPD, NC, NL, NR, OD, OH, OY, PA, PAF, PR, PS, PT, PTS, RB, RBJ, RC, RCM, RFX, RO, RR, SC, SP, SSD, SX, TDC, TSC, UPS, US, US2, VC, VP1, VP2, VP3, VUL, ZD)

Sources: References C069, C076, C108, C189, C209, C215, D009, D011, D025, D029, D032, D036, and D083.

5.4.2.7 Estimated Predominant Isotopes and 95 percent Total Activity

Radionuclide data established by the PF-4 waste generator on a container basis and container data from the Area G waste storage records were evaluated to determine the relative radionuclide weight and activity for waste stream LA-MHD01.001. From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and U-238, while over 95 percent of the total activity in the waste stream is from Pu-238, Pu-239, and Pu-241. It should be noted that although U-238 is the second prevalent radionuclide by mass in the waste stream, it was reported in approximately 525 containers. Table 6, Estimated Radionuclide Distribution in LA-MHD01.001, identifies the relative radionuclide weight and activity percent of expected radionuclides over the entire waste stream based on the container data evaluated. As illustrated in Table 6, the radionuclide weight percent of individual radionuclides varies greatly on a container-by-container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream (References C133, C153, C175, C179, C225, C232, C233, DR048, M159, M241, M298, M307, and M309).

5.4.2.8 Use of Radionuclide Isotopic Ratios

For waste containers where direct measurement does not yield useable isotopic ratio information, AK may be used to supplement direct measurement data in accordance with the WIPP-WAC (Reference 3). The ratios that may be used are those identified in Tables 3 and 4 in conjunction with the corresponding nuclear material type identified by the waste generator on a container basis. The specific use and confirmation of AK related to WIPP-certified assay measurements of containers in this waste stream is documented in the memorandum written in accordance with the requirements of CCP-TP-005 (Reference 8).

Table 6. Estimated Radionuclide Distribution in LA-MHD01.001

Radionuclide	Total Nuclide Weight%[1,5]	Total Nuclide Curie%[2,5]	Nuclide Wt% Range for Individual Containers[3,5]	Nuclide Ci% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides					
Am-241	0.16%	1.45%	0 - 100.00%	0 - 100.00%	Yes
Pu-238	0.65%	**29.66%**	0 - 100.00%	0 - 100.00%	Yes
Pu-239	**67.43%**	**11.14%**	0 - 100.00%	0 - 100.00%	Yes
Pu-240	4.75%	2.87%	0 - 42.06%	0 - 31.10%	Yes
Pu-242	1.17%	0.01%	0 - 100.00%	0 - 100.00%	Yes
U-233	Trace	Trace	0 - 36.88%	0 - 0.97%	Yes
U-234	0.02%	Trace	0 - 28.84%	0 - 0.51%	Yes
U-238	**24.13%**	Trace	0 - 99.90%	0 - 7.33%	Yes
Sr-90	Trace	Trace	0 - Trace	0 - Trace	Yes
Cs-137	Trace	Trace	0 - Trace	0 - Trace	Yes
Additional Radionuclides					
Ac-227	Trace	Trace	0 - Trace	0 - Trace	Yes
Am-243	Trace	Trace	0 - 0.52%	0 - 0.32%	Yes
Cd-109	Trace	0.60%	0 - 1.75%	0 - 99.40%	Yes
Ce-144[6]	Not Reported				Yes
Cm-243	Trace	Trace	0 - Trace	0 - 81.34%	Yes
Cm-244	Trace	Trace	0 - 3.12%	0 - 90.33%	Yes
Cm-245	Trace	Trace	0 - Trace	0 - Trace	Yes
Co-60	Trace	Trace	0 - Trace	0 - Trace	Yes
Eu-152	Trace	Trace	0 - Trace	0 - Trace	Yes
Eu-154	Trace	Trace	0 - Trace	0 - Trace	Yes
H-3	Trace	Trace	0 - Trace	0 - Trace	Yes
Mn-56	Trace	Trace	0 - Trace	0 - Trace	Yes
Na-22	Trace	Trace	0 - Trace	0 - Trace	Yes
Np-237	0.03%	Trace	0 - 100.00%	0 - 100.00%	Yes
Np-239	Trace	Trace	0 - Trace	0 - 97.25%	Yes
Pa-231	Trace	Trace	0 - Trace	0 - Trace	Yes
Pa-233	Trace	Trace	0 - Trace	0 - 0.11%	Yes
Pb-212	Trace	Trace	0 - Trace	0 - Trace	Yes
Pu-241	0.20%	**54.27%**	0 - 20.00%	0 - 93.99%	Yes
Pu-244	Trace	Trace	0 - 0.29%	0 - Trace	Yes
Th-228	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-229	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-230[6]	Not Reported				Yes
Th-232	0.96%	Trace	0 - 95.61%	0 - Trace	Yes

Table 6. Estimated Radionuclide Distribution in LA-MHD01.001 (Continued)

Radionuclide	Total Nuclide Weight%[1,5]	Total Nuclide Curie%[2,5]	Nuclide Wt% Range for Individual Containers[3,5]	Nuclide Ci% Range for Individual Containers[4,5]	Expected Present
Additional Radionuclides					
Tl-208	Trace	Trace	0 - Trace	0 - 0.01%	Yes
U-232	Trace	Trace	0 - 1.29%	0 - 56.61%	Yes
U-235	0.49%	Trace	0 - 98.67%	0 - 99.02%	Yes
U-236	Trace	Trace	0 - 0.42%	0 - Trace	Yes
Other radionuclides that may be present in unknown amounts (no data values were available, although the radionuclides were listed in databases)					
Bk-249 Cf-252 Co-57					Yes

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity percent for that radionuclide.
6. Radionuclides not reported but suspected present from secondary radionuclides or decay.

5.4.3 Chemical Content Identification – Hazardous Constituents

Waste stream LA-MHD01.001 has historically been managed in accordance with the generator site requirements and in compliance with the requirements of the New Mexico Environmental Department (NMED). Based on historical waste management and LANL's TRU Program (reference LANL waste streams LA-TA-55-19, LA-TA-55-30, LA-MHD02-238, and LA-MHD03-DD), the containers in this waste stream were managed as hazardous and assigned EPA HWNs for arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), trichloroethylene (D040), and F-listed solvents (F001, F002, F003, and F005). A review of available AK documentation has determined that this waste is hazardous for the above constituents, and with the exception of F003, the HWNs were retained because this waste was previously shipped under an approved LANL profile. HWN F003 was not assigned because the waste stream does not exhibit the characteristic of ignitability. It should be noted that this waste stream also includes a small fraction of waste that LANL characterized as nonhazardous (reference LANL waste streams LA-NCD01, LA-NHD01, and LA-NHD02-238). As discussed in Section 4.3.7, supplemental information collected and CCP characterization results of LANL generated nonhazardous containers determined that this waste is hazardous. The following sections describe the characterization rationale for the assignment of EPA HWNs. Table 7, Waste Stream LA-MHD01.001 Hazardous Waste Characterization Summary, summarizes the EPA HWNs assigned to this waste stream. The HWN assignments have been applied on a waste stream basis; individual containers may not contain all of the hazardous materials listed for the waste stream as a whole (Reference C121, C147, D026, D083, and M310).

Table 7. Waste Stream LA-MHD01.001 Hazardous Waste Characterization Summary

Waste Stream	EPA HWNs
LA-MHD01.001	F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040

Chemical constituents of inputs are compiled from chemical lists contained in procedures and from SME input. In this section, discussions of the chemical inputs are divided into the following categories (References C121 and C147):

- Process feed materials
- Chemical Identification and Use

Table 8, Feed Materials for TA-55 Operations, provides a summary of the special nuclear material feed materials processed by the operations described in this report. Process chemicals and their respective uses are presented in the following sections (References D007, D008, D009, D010, D011, D025, D028, D029, D030, D032, D036, and D080).

Table 8. Feed Materials for TA-55 Operations

Feed Material	Potential Presence of RCRA-Regulated Constituents*	P/S Codes and Associated Operation Areas
Analytical laboratory solutions	Potentially contaminated with RCRA-regulated constituents: All analytical laboratory solutions are potentially contaminated with chromium (D007), lead (D008), and mercury (D009). C-AAC (formerly CLS-1) solutions potentially contaminated with mercury (D009) and lead (D008), as well as RCRA-listed organic substances used as solvents, including acetone (F003), butyl alcohol (butanol, F003), carbon tetrachloride (F001, D019), chlorobenzene (F002, D021), chloroform (D022), methanol (F003), methylene chloride (F002), tetrachloroethylene (F002, D039), xylene (F003).	Pyrochemical and Chloride operations: CLS, CW (analytical laboratory solutions from LANL Group C-AAC [formally CLS-1]); Miscellaneous operations: APD (C-AAC [formerly CLS-1] solutions); ACL, ICP (PF-4 solutions) Nitrate operations: CF, HP Special operations: CP Pu-238 operations: R8
Anode heels	Typically contaminated with RCRA-regulated heavy metals cadmium (D006), chromium (D007), lead (D008), and silver (D011). Heavy metals arsenic (D004), mercury (D009), and selenium (D010) are not present because they are volatilized from the Pu oxide feed at the high temperatures to which this material is subjected in P/S Codes ER, RM, and SS (electrorefining step).	Nitrate operations: AS, BF, BU Pyrochemical and Chloride operations: RA, SS
Ash from P/S Codes ETD, IS, SB, TDC, or from other DOE facilities	Usually suspect contaminated with barium (D005), cadmium (D006), chromium (D007), lead (D008), and silver (D011). Arsenic (D004), mercury (D009), and selenium (D010) metals are volatilized at high temperatures if present in the oxide and chloride forms.	Miscellaneous operations: CK, CV, FDL, FLU, SO, XP Nitrate operations: AL, AT, ATL, ED, HGMS, HRA, IS, MPD, PTS, RC, SC Special processing operations: ACD, IAM, SB, SL
Crucible pieces (tantalum, magnesium oxide)	Typically fairly pure, no RCRA substances present	Pyrochemical and Chloride operations: CL, CXL Nitrate operations: MAS, SC Special processing operations: ACD, SL Pu-238 Operations: ASP
Disassembled weapons components (pit disassembly)	High-purity Pu and U material types, no RCRA substances present	Metal operations: CA, PH, SRL Miscellaneous operations: EDC Nitrate operations: BM, RB, RBJ
Experimental R&D feed materials; various isotopes and isotopic mixtures of actinides in various matrices	Variable purity; may or may not contain RCRA substances	Miscellaneous operations: AD, CV, EXT, HRS, RASS, SA, XES, XP Nitrate operations: MAS

Table 8. Feed Materials for TA-55 Operations (Continued)

Feed Material	Potential Presence of RCRA-Regulated Constituents*	P/S Codes and Associated Operation Areas
Hydroxide cakes (output from P/S Codes ASP, CLS, CW, CXL, DO, NP, POSM, PRR)	Typically contaminated with RCRA-regulated heavy metals cadmium (D006), lead (D008), mercury (D009), silver (D011), and possibly chromium (D007)	Miscellaneous operations: AD Nitrate operations: CD, HCD, HD, LG2 Special processing operations: CP, DO, POSM Pu-238 Operations: R8
Iridium Metal	Typically fairly pure, no RCRA substances present	Pu-238 Operations: RCI
Miscellaneous materials contaminated with Pu (e.g., sand, slag, tools, crucibles, metal, glass, plastic, labware, scrap, rags, glovebox sweepings, pump oils, HEPA filters)	May be contaminated with RCRA-regulated heavy metals silver (D011), cadmium (D006), mercury (D009), lead (D008), and possibly chromium (D007)	Miscellaneous operations: APD Nitrate operations: ATL, BAC, CPOD, CR, ED, ETD, GMS, HGMS, IS (combustible material), LG1 (non-combustible material), MAG, MAS, MELL (cellulosic material), ML (metal equipment), NC (non-combustible material), NL (non-combustible material), PA (glovebox sweepings), PAF, RO (organics), SC, SP, TSC (cellulosic material), VC, ZD Pyrochemical and Chloride operations: PK (hardware, metal, anode chips from other P/S Codes) Special processing operations: ACD, CP, DO, NP, SB, SL Pu-238 Operations: ASP
MSE salts	Typically fairly pure, suspect contaminated with barium (D005)	Pyrochemical and Chloride operations: CXL, MB, MS Miscellaneous operations: XP Nitrate operations: MB, PS Special processing operations: RM
Neptunium residues from vault	No RCRA-regulated substances	Pyrochemical and Chloride operations: Neptunium (only active in 1993)
Pu chlorides and fluorides	Variable purity; may or may not contain RCRA substances	Miscellaneous operations: FDL, SO Pyrochemical and Chloride operations: ER, SD, SS Special processing operations: RM

Table 8. Feed Materials for TA-55 Operations (Continued)

Feed Material	Potential Presence of RCRA-Regulated Constituents*	P/S Codes and Associated Operation Areas
Pu containing solutions and liquids	Variable purity; may or may not contain RCRA-regulated substances	Nitrate operations: DS, LR, RFX, EV, CF Special processing operations: CP, NP, SL Pu-238 Operations: R8
Pu metal or metal alloy from vault or from various operations	High purity, no RCRA-regulated substances, unless noted otherwise	Metal operations: AAP, AO, ARI, BC, BT, CA, DA, ELW, EVAC, FSPF, ITF, ITF4, ITF7, JA, KBTF, MA, MBC, MW, PCH (variable purity), PD, PE, PF, PH, PSE, RL, SRL, VD, WE, WLT Miscellaneous operations: AC, AC1, AC2, ECHM, EXT, LIBS, ME, SA, SMP, VS Nitrate operations: ATL, BM, BU, MF, PAF, VP1 Pyrochemical and Chloride operations: CRD (variable purity), MO, SCB, SS, SSMD Special processing operations: ACC (variable purity), PI (variable purity), PPD, POSM, RM, SB Pu-238 Operations: ASP
Pu oxalates	Typically fairly pure, no RCRA substances present	Nitrate operations: CC, DF, HC Pu-238 Operations: ASP
Pu oxides	Variable purity oxides from P/S Codes RB, RBJ and others, and from the vault; suspect contaminated with RCRA-regulated heavy metals cadmium (D006), chromium (D007), and lead (D008) High purity oxides from P/S Codes CA, DO, and MA, and from the vault; may or may not contain RCRA substances Incoming Pu-238 oxide from SRS exceeds regulatory limits for chromium (D007) and may exceed limits for cadmium (D006), lead (D008), and silver (D011) for some fuel lots (References D073, D074, and M283). However, calculations documented in Reference D076 support the conclusion that the levels of these metals in TA-55 waste streams from Pu-238 operations are below RCRA's regulatory limits.	Metal operations: DOP (high-purity Pu and other radionuclides as oxides) Miscellaneous operations: CK, CV, EOC, EXT, FDL, FLU, IB, LI, LIBS, MIS, SMIS, SO, STF, VS, XP Nitrate operations: ATL, BL, CH, CPOD, DP, ED, FC, HRA, LC, MPD, OD, PT, RB, RBJ, SP, SSD, UPS, US, US2 Pyrochemical operations: MP (generally high purity), OR (variable purity), PTP Special processing operations: DO, PX, POSM, RM Pu-238 Operations: ASP, C1, GPHS, MTL, P1, SCP, WS
Pu-Be sources	High purity constituents, no RCRA-regulated substances	Pyrochemical and Chloride operations: PB, PUB

Table 8. Feed Materials for TA-55 Operations (Continued)

Feed Material	Potential Presence of RCRA-Regulated Constituents*	P/S Codes and Associated Operation Areas
Pyrochemical salts	Typically fairly pure, no RCRA substances other than barium (D005) are present	Pyrochemical and Chloride operations: MB, MS, PRR Miscellaneous operations: EXT, IB Nitrate operations: COD, COL, MB Special processing operations: Me Pu-238 Operations: MTL, PP, WD
Reactor fuel pellets/heat sources	High purity Pu and U material types, no RCRA-regulated substances	Miscellaneous operations: ME Pu-238 Operations: MTL, PP, WD
Stainless-steel and/or tantalum residues from decladding of Pu-Be sources	High purity metals, potential leaching of chromium (D007) from stainless-steel if subjected to strong acid	Pyrochemical and Chloride operations: PUB
Uranium metal, carbides, nitrides and oxides	No RCRA-regulated substances	Metal Operations: FF, SRL, UCON Miscellaneous Operations: ME

*The information in this column is highly generalized. Applicability of specific HWNs to an operation as a result of the feed material must be determined on a case-by-case basis because the presence and fate of contaminants is time and function dependent.

5.4.3.1 Chemical Inputs

To assign EPA HWNs, the available AK documentation is reviewed to assess chemical usage in the TA-55 PF-4 operations contributing to waste stream LA-MHD01.001, and potentially hazardous materials that may have been introduced into the waste stream. In addition, MSDSs are obtained for the commercial products to determine the presence of potentially regulated compounds. As described below in Table 9, Chemical Identification and Use Summary, several of the HWNs are assigned due to lack of analytical evidence that these constituents have not exceeded the regulatory thresholds. These chemical inputs are used during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations and have the potential to contaminate all the waste streams characterized by this report.

Table 9. Chemical Identification and Use Summary

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
1,1,1-Trichloroethane	Metallographic sample cleaning (<1992) and contaminant of hydroxide solids. Degreasing solvent and component of Tap Magic.	MA, MTL, R8	C019, C020, C089, C194, C195, M154, M160	F001, F002
1,2-Dimethoxyethane	Organoactinide R&D reagent.	SA	P080	NA
1-Propanol	Used in cold traps and cooling baths during plutonium fluorination.	CK	D032, P071	NA
Acetone	Contaminant of cement fixation process and hydroxide solids. Detected in headspace gas of Pu-238 waste. May be associated with all debris waste generated by P/S Code ME. CLS reagent.	APD, CF, CLS, CW, FF, HP, MA, ME, MOX, R8	C019, C092, C194, D007, D076, D078, M164, M180, M186,	NA
Acetonitrile	Non-aqueous dissolution/extraction.	AC2	C027, D032	NA
Alconox	Pu-238 oxide sample cleaning soap.	GPHS, P1, PP	C194, D080, M286	NA
Aluminum chloride	Chloride operations ion exchange reagent	CSE, CX, CXL, DO, SE	D007, P027	NA
Aluminum fluoride	Plutonium recovery operations.	Unspecified	D002, D009, D023, D032, D041	NA
Aluminum metal/oxide (alumina)	Metallographic sample polishing, ash fluorination gas trap, metal used in machining operations, and component of equipment/tools.	BA, MA, MTL, SO, UPS	C194, D076, D080,M085, P051, P069, P148	NA
Aluminum nitrate	Pu-238 oxide purification and ATLAS R&D recovery operations reagent. Dissolution and leaching reagent.	AL, ASP, AT, ATL	C210, D080, M085, M088, M093, P190	NA
Ammonium chloride	Hydroxide precipitation and plutonium chlorination reagent.	CV, DO	M048, P083	NA
Ammonium hydroxide	Hydrothermal processing reagent.	APD	M223	NA
Antimony pentafluoride	Organoactinide R&D reagent.	SA	P065	NA
Arsenic	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions. Evaporator sludge contaminant and sputter coating reagent.	EV, PE, R8, TDC	C010, C196, C197, C207, D078, D080, M153	D004
Ascarite II	Sodium hydroxide coated silicate absorbent used in fuel fabrication process.	FF	C066, M154	NA
Ascorbic acid	ATLAS R&D recovery operations and dissolution reagent.	ATL, Various	M127, P190	NA
Barium	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, pyrochemical-salts, and analytical solutions.	ATL, EV, EXT, R8, TDC, Various	C038, C087, C192, C197, D075, D078, D080, M153	D005
Benzene	Cement fixation input and actinide chemistry R&D operations reagent.	AC, AC1, AC2, CF, SA	C027, D009, D032, D077P080, P081,	D018, F005,
Beryllium	Contaminant of plutonium/beryllium sources and metal used in machining operations.	MA, PB, PUB	C122, D007, D025, P148	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Bismuth/bismuth-tin alloy	Metal used in electrorefining and sample mounting.	ER, SMP	C031, D002. D028	NA
Bromine	Fluorination of ash and R&D reagent.	SA, SO	C026, P069	NA
Bromobenzene	Plutonium machining.	MA	C019	NA
Bromocresol purple	Hydroxide precipitation indicator.	CX, CXL, DO	M048, M074, M182, P028	NA
n-Butyl alcohol (butanol)	Associated with debris waste. Contaminant of cement fixation process. Detected in headspace gas of Pu-238 waste. CLS reagent.	ACL, APD, CF, CLS, CW, HP, ICP	C092, D007, D076, D078	NA
Cadmium	Contaminant of plutonium feed, hydroxide cake, anode heels, ash, actinide separation waste, and analytical solutions. Solvent metal used in electrorefining.	AD, ATL, EXT, ER, EV, HP, IS, PX, R8, RC, SS, Various	C038, C039, C192, C196, C197, C200, D073, D075, D076, D080, M061, M153	D006
Calcium carbonate	Scrubber system, hydroxide precipitation, dissolution, and salt stripping reagent.	DO, SL, SS	M028, M048, M118, M127, M131	NA
Calcium chloride	Electrorefining and direct oxide reduction reagent.	OR, SS, WS	D070, D080, M029, M113, P189	NA
Calcium fluoride	ATLAS R&D recovery operations and leaching plutonium residues reagent.	AT, ATL, DO, SL	M053, M069, M093, M118, M144, P190	NA
Calcium hydroxide	Neutralization of acids.	Various	C033	NA
Calcium metal/oxide	Actinide R&D and direct oxide reduction reagent.	AD, OR, RM, PX, WS	M050, M130, D070, D080, P189	NA
Calcium nitrate	Nitrate operations reagent.	ATL	D002, D008	NA
Carbon tetrachloride	*Contaminant of cement fixation process* and hydroxide solids. Used in PTP between 1/87 and 6/89. Chlorination of plutonium oxide and CLS reagent.	AD, APD, ATL, CF, CLS, CV, PTP, PX, R8	C092, C121, C194, C200, D078, M112, M129, P067	D019, F001
Cerium nitrate	Electro-oxidation reagent.	MELL	M092	NA
Cesium chloride	Molten salt extraction reagent salt and dissolution reagent.	CLS, CXL, PRR, SS	D055, M184	NA
Chlorobenzene	Contaminant of cement fixation process and hydroxide solids. CLS reagent.	ACL, APD, ATL, CF, CLS, CW, HP, ICP	C092, C095, C200, D007, D077, D078	D021, F002
Chloroform	Contaminant of cement fixation and miscellaneous processing (P/S XO/X0). CLS reagent.	AC, AC1, AC2, APD, CF, CLS, FF, R8, XO/X0	C027, C092, C102, C117, C194, D077, D078	D022
Chromium	Contaminant of plutonium feed, anode heels, hydroxide cake, ash, actinide separation waste, and analytical solutions. Potentially leached from stainless-steel materials.	APD, ATL, EV, EXT, HP, IS, R8, RC, TDC, XO/X0, Various	C038, C039, C192, C196, C197, C200, C205, D073, D074, D075, D078, D080, M061, M153	D007
Citofix/Durofix	Metallographic sample mounting.	MTL	C197, M154, D080	NA
Citrapeel (orange peel based degreaser)	Used to strip paint.	XO/X0	C033, D032, M154	NA
Cobalt nitrate	Electro-oxidation reagent.	MELL	M092	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Copper	Measuring physical properties standard. Component of gaskets and wool used during disassembly of parts.	BC, PI, SRL, VP2, Various	M030, M043, M084, M202, P053	NA
Diamond powder	Metallographic polishing compound.	MTL	P181	NA
Diatomaceous earth	Silica and quartz filter aid and absorbent material.	PT, Various	M154, M172, P005, P103, P117	NA
Dibutyl butyl-phosphonate (DBBP)	Actinide R&D reagent.	AD	M050	NA
Dicesium hexachloroplutonate (DCHP)	Residue precipitation reagent.	CLS, CXL, PRR	D055, M184	NA
Diethylenetriamine	Metallographic sample mounting.	MTL	C197, D080	NA
Diethyl oxalate	ATLAS R&D recovery operations reagent.	ATL	M144, P190	NA
Dihexyl N, N-diethylcarbamoylmethyl phosphonate (DHDCMP)	Liquid-liquid extraction solvent.	APD	C023, C199	NA
Diisopropyl benzene	Liquid-liquid extraction solvent, diluent, and actinide R&D reagent.	AD, APD	C023, D032, C199, P067	NA
Dimethyl sulfoxide	Organoactinide R&D reagent.	SA	P080	NA
n-Dodecane	Actinide R&D solvent diluent and chloride extraction reagent.	AD, CXL	M154, M182, P067	NA
Dowanol (e.g., Dowanol EB)	Sodium metal neutralization reagent.	EL, FF	C079, C102, D011, D029, M154	NA
Duco cement	Sealing cuvettes.	P1	C194, D075, D080, M154	NA
Envirostone Accelerator (gypsum and potassium sulfate)	Cement accelerator used in cement fixation process.	CF, HP	D078, M154, P008, P183	
Epon Resin 8132	Metallographic sample mounting.	MTL	C197, D080, M154	NA
Ethanol	Used for cleaning capsules and tools during Pu-238 oxide sampling and R&D reagent. Contaminant of cement fixation and miscellaneous processing (P/S XO/X0).	AD, GPHS, ME; P1, PP, R8, XO/X0	C089, C194, C195, D032, D077, D080, P067, P180	NA
Ethylene glycol	Pu-238 oxide sampling suspension. Particle analysis of oxides.	GPHS, P1, PP	C194, C195, C197, D080, M137, M286	NA
Ethyl ether	Organoactinide R&D reagent and cleaning solvent.	MA, SA	C019, M002, P080	NA
Fantastik	Pu-238 oxide sampling and spray cleaner for machining. Used during decontamination operations.	GPHS, MA, P1, PP, Various	C019, C150, C194, D080, M154, M286	NA
Ferric ammonium sulfate hydrate	Catalyzed electrochemical plutonium oxide dissolver reagent.	CPOD	M086	NA
Ferric nitrate	Waste solidification and dissolution reagent.	DO, R8	C194, D080, M126, P182	NA
Ferrous ammonium sulfate	Nitrate anion exchange and ATLAS R&D recovery operations reagent.	ATL, IX	D030, P190	NA
Ferrous chloride	Residue precipitation reagent.	CXL	D002, D007, D023, D041	NA
Ferrous sulfamate	Ash leaching reagent.	AT	M093	NA
Fluoristan (stannous fluoride)	ATLAS R&D recovery operations reagent.	ATL	M144, P190	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Fluorosulfonic acid	Organoactinide R&D reagent.	SA	P065	NA
Formamide	ATLAS R&D recovery operations reagent.	ATL	M144, P190	NA
Formic acid	Dissolution and plutonium recovery reagent.	ATL, CF, EV, Various	C076, D002, D008, D036, M144	NA
Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane)	Miscellaneous processing contaminant and recovery operations reagent. Cleaning, cooling, and ultrasonic degreasing operations solvent.	CA, DA, DO, EL, MA, MW, PD, PF, RM, SBB, SCB, SRL, SS, UA, VD, VU, WE, WM, XO/X0	C011, C017, C019, C085, C102, C104, C105, D029, D077 M026, M032, M041, M123, M212, P044, P046, P049	F001, F002
Gallium	Actinide R&D and casting reagent. Metal used in electrorefining and compatibility testing.	AAP, AD, CA, ER, SMIS	D002, D009, D011, M032, P014, P076	NA
GoJo cleaner (kerosene derivative)	Parts cleaning solution.	ITF, ITF7	D019, M154	NA
Gold	Metal used in welding operations, coating material, and component of transfer boat used in plutonium fluoride reduction.	RL; WE	C018, M202, P044	NA
Graphite	Graphite aeroshells and insulators, molds, blocks, and powder for fire suppression.	CA, FF, ITF, ITF4, ITF7, SS, WD	D029, D074, M032, M116, P090	NA
Gypsum cement (Envirostone)	Cement used in cement fixation process.	CF, HP	C206, D071, D078, M154, P008, P183	NA
Hexane	Miscellaneous processing contaminant and R&D solvent for actinide chemistry.	AC1, AC2, FF, SA, XO/X0	C102, D077, P080, P081,	NA
Hydrazine dihydrochloride	Actinide R&D and sensors/instrumentation development reagent.	AD	D032, P076, P078	NA
Hydrazine hydrochloride	Actinide R&D reagent.	AD	D002, D023, D032, D041	NA
Hydrobromic acid	Metallographic sample etching.	MTL	C194, D080, P181	NA
Hydrochloric acid	Dissolution and recovery, sample etching, and ATLAS R&D recovery operations reagent. Chloride ion exchange reagent.	ATL, CLS, CXL, DO, MTL, PPD, Various	C076, C194, D080, M048, M064, P181, P190	NA
Hydrofluoric acid	Dissolution of oxide pellets, scrap processing, decontamination, fluorination, sample etching, ATLAS R&D recovery operations reagent, and metal leaching.	ASP, ATL, MP, MTL, NC, OD, PPD, PT, SP, WD, Various	C076, C192, C194, C210, C213, D079, D080, M072, M089, M090, M095, P103, P181, P190	NA
Hydrogen peroxide	ATLAS R&D recovery operations reagent, peroxide precipitation, and dissolution.	AD, ATL, DO, Various	M048, M125, M144, P028, P076, P190	NA
Hydroxylamine hydrochloride	Actinide R&D and ion exchange reagent.	AD, IX	D002, D023, D032, D041, M044, M050	NA
Hydroxylamine nitrate	Scrap processing, ATLAS R&D recovery operations, ion exchange, and hydroxide precipitation reagent.	AD, ASP, ATL, DO, IX, PT, Various	C210, D078, D080, M044, M045, M048, M050, M076, P103, P190	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Indium	Metal used in compatibility testing.	SMIS	D009	NA
Iodine	Actinide R&D reagent.	SA	C026	NA
Isopar H (isoparaffin solvent)	Actinide R&D reagent.	AD	D032, M050, M154	NA
Isopropanol	Miscellaneous processing waste contaminant, cleaning agent, and organoactinide R&D reagent.	BA, SA, XO/X0	D077, P051, P080	NA
Kerosene	Metallurgical sample preparation solvent.	ME	C035	NA
Kitty Litter	Clay based absorbent material used during remediation/repackaging operations.	Various	M154, P198	NA
Lanthanide metals	Actinide chemistry R&D reagents.	AC1, AC2	D009, P081	NA
Lanthanum nitrate	Plutonium dissolution and precipitation.	PT	D078, M076, P103	NA
Lead	Leaded gloves (<1992), shielding, sheeting, and discs. Contaminant of actinide separation waste, analytical solutions, ash, hydroxide cake, plutonium feed, and solder. Solvent metal used in electrorefining.	APD, ATL, BT, DOP, ER, EV, EXT, GPHS, HP, IS, KBTF, P1, PX, R8, RC, SS, XO/X0, Various	C039, C041, C192, C196, C197, C200, D002, D011, D073, D074, D075, D076, D078, D080, M061, M153, P183, P186	D008
Lead hydroxide, oxide, and nitrate	Actinide R&D reagents.	AD	D032, M050	D008
Liqui-Moly (molybdenum lubricant)	Pellet press die lubricant.	FF, RS	M172	NA
Lithium chloride	Direct oxide reduction reagent salt.	AD, OR, PX, RM	M050, M130, M134, P105	NA
Lithium metal/oxide	Actinide R&D and direct oxide reduction reagent.	OR, PX, RM	M130, M134	NA
Lonzest SML-20 organic liquid emulsifier	Cement fixation liquid emulsification.	CF	M154, P186	NA
Lutetium	Sputter coating reagent.	PE	D023, D029	NA
Magnesium chloride	Molten salt processing reagent.	RCI, SS	C194, D011, D028, D055, D076, D080	NA
Magnesium hydroxide	Dissolution and oxygen sparging-pyrochemical operations.	DO, Various	M048, P028	NA
Magnesium metal/oxide	Actinide R&D reagent, crucibles, and magnesia sand.	AD, RCI, SS, WS	C194, D070, D080, M050, M116, P189	NA
Magnesium perchlorate	Water vapor removal reagent.	FF	C047, C066, C113	NA
Mercuric nitrate	Catalyst used in nitrate operations.	VP1, VP3	M064, D078	D009
Mercury	Contaminant of actinide separation waste, analytical solutions, ash, evaporator sludge, hydroxide cake, and plutonium feed. Component of fluorescent bulbs.	AD, ATL, HG, R8, SSMD, TDC, XO/X0	C023, C095, C176, C196, C197, C200, C207, D029, D078, D080, M153, P109	D009
Mercury	Contaminant of actinide separation waste, analytical solutions, ash, evaporator sludge, hydroxide cake, and plutonium feed. Component of fluorescent bulbs.	AD, ATL, HG, R8, SSMD, TDC, XO/X0	C023, C095, C176, C196, C197, C200, C207, D029, D078, D080, M153, P109	D009

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Mercury	Contaminant of actinide separation waste, analytical solutions, ash, evaporator sludge, hydroxide cake, and plutonium feed. Component of fluorescent bulbs.	AD, ATL, HG, R8, SSMD, TDC, XO/X0	C023, C095, C176, C196, C197, C200, C207, D029, D078, D080, M153, P109	D009
Metalprep 79 (phosphoric acid-based metal cleaner)	Metal cleaner.	MA	C019, C020, M154	NA
Methanol	Cleaning solvent, diluent, contaminant of cement fixation process. Detected in headspace gas of Pu-238 waste. CLS reagent.	AD, APD, CF, CLS, CW, HP, SO	C023, C092, D007, D076, D078, P067, P070	NA
Methylene chloride	Paint stripper, contaminant of cement fixation, hydroxide cake, and miscellaneous processing (P/S XO/X0). CLS and organoactinide R&D reagent. Component of REZ-N-Bond.	AC, AC1, AC2, AD, APD, ATL, CF, CLS, CW, HP, SA, WM, XO/X0	C027, C092, C200, C214, D007, D032, D077, D078, M174, P080	F001, F002
Methyl ethyl ketone	Degreasing solvent. Detected in headspace gas of Pu-238 waste.	MA, WM, XO/X0	D032, D076, D077	D035, F005
Molybdenum metal/oxide	Metal used in machining operations, fuel elements, salt stripping reagent, and component of Liqui-Moly.	ELW, MA, SS, Various	C014, M028, M172, P052, P056, P148	NA
MolyKote	Silicon-based lubricant used during the hand pressing of oxide pellets.	FF, RS	C102, D029, M154	NA
Neutracleaner #1 and #2	Machining operations cleaner.	MA	C019, M154	NA
Nickel powder	Reactor fuel development sintering aid.	CO	C102, D029, M169	NA
Niobium	Metal used in welding operations, fuel elements, and electrorefining reagent.	SS, WE, Various	M029, P044, P052, P056	NA
Nitric acid	Dissolution and recovery, scrap processing, decontamination, nitrate ion exchange, and cement fixation pH adjustment.	AT, ASP, ATL CF, DS, LR, PPD, PT, RCM, RR, WD, Various	C192, C210, C213, D071, D078, D079, D080, M093, M096, M097, M098, M099, P103, P182, P183, P190	NA
Oakite 90/ruststripper	Caustic metal cleaner.	EL	P033, P034	NA
Octylphenyl di-isobutyl carbamoylmethyl phosphine oxide (CMPO)	Actinide R&D reagent and Liquid-liquid extraction solvent.	AD, APD	C194, C023, P067	NA
Oil (e.g., 3-in-1, Dow Corning 2000, Fomblin Pump, hydraulic, mineral, Texaco Regal 32, and Vactra 2 oil)	Metal preparation, machining, cutting, polishing, and cooling.	BA, MA, ME, PCH, Various	C019, C020, D002, D009, D023, D025, D029, M154, P045, P051	NA
Organicstrip	Non-regulated paint stripper.	XO/X0	D002, D009, D023, D032, D041, M154	NA
Oxalic acid	Laboratory and anion exchange reagent, scrap processing, oxide/pellet dissolution and precipitation, and ATLAS R&D recovery operations reagent.	ASP, ATL, DO, IX, LR, PPD, RFX, Various	C210, D079, D080, M127, M132, P024, P190	NA
Pentane	R&D solvent for actinide chemistry.	SA	P080	NA
Perchloric acid	Actinide R&D and laboratory reagent.	AC, AC1, AC2, AD, Various	C027, P076, P077, P081	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Phenolphthalein	Reagent (pH indicator).	DS, IX, LR, R8, RFX, Various	C194, D080, M076, M099, P024, P182	NA
Phosphoric acid	Plutonium recovery reagent and component of Metalprep 79.	MA, Various	C019, C020, D002, D029, D041, M154	NA
Platinum	Plutonium recovery operations and actinide R&D reagent. Component of electrodes, filters/screens, fuel element sleeves, and furnace can linings.	AD, CPOD, CXL, EL, IX, LR, MELL, RFX, Various	M011, M053, M067, M086, M092, P024, P026, P042, P076	NA
Polychlorinated Biphenyls (PCBs)	In capacitors of fluorescent light ballasts.	Various	C157, P162	NA
Polyethylene glycol	Fuel fabrication reagent.	CO	D029, D041	NA
Polyoxyethylene-20-sorbitan laurate (surfactant)	Plutonium recovery operations.	Unspecified	D002, D023, D025, D036, D041, M154	NA
Portland cement	Cement fixation and waste packaging absorbent.	CF, HP, Various	C206, D037, D078, M154	NA
Potassium chloride	Electrorefining and molten salt extraction reagent.	OR, PX, RM, SS	D055, M023, M024, M130, M134, M206, P104, P105	NA
Potassium chromate	Dissolution and chloride anion exchange reagent.	CX, DO	C098, M131, M185	D007
Potassium dichromate	Silver nitrate titrations and hydroxide precipitation reagent.	AD, CS, CSE, CW, CX, DO, PB, PUB, PT, SE	C082, D002, D007, D032, M076	D007
Potassium fluoride	Dissolution and leaching operations reagent.	DS, PT	M069, M099	NA
Potassium hydroxide	Caustic scrub solution for thermal decomposition, dissolution, and reactive chemical neutralization.	DO, MP, TDC, Various	C076, M048, M072, M299	NA
Potassium permanganate	Pretreatment, decontamination; and R&D reagent.	AD, Various	C094, D023, D032, P067	NA
Potassium pyrosulfate	Dissolution operations reagent.	AT	M069, M093	NA
Potassium thiocyanate	Dissolution operations reagent.	CPOD, Various	C094, D023, M086	NA
Pyridine	Uranium triiodide reagent, R&D solvent, and contaminate in cement fixation process.	AC, AC1, AC2, CF, SA	D077, P080	D038, F005
Reillex HPQ (polyvinyl pyridine resin)	Dissolution and recovery operations ion exchange resin.	RFX, LR, IX	D010, D030, M154, P024	NA
REZ-N-Bond	Solvent bonding (contains methylene chloride).	FF, ID	M154, M174	F002
Rhenium	Metal used in fuel elements.	Unspecified	P056	NA
Rhodium	Actinide R&D reagent and component of fuel element sleeves.	AD, GPHS, P1	D044, M011, M050	NA
Selenium	Contaminant of liquids, filtrates, ash, hydroxide cake, and analytical solutions.	IS, R8, RC, TDC	C196, C197, C207, D045, D080, M153	D010
SF-2I (3M secondary fluid)	Machining coolant/fluid.	MA	C009, C020, M154	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Silicone adhesive (e.g., sylgard 184)	Vessel handling and unloading. Compound used in compatibility testing.	SMIS, VUL	D009, M154, M189	NA
Silicone defoamer	Cement fixation reagent.	CF	M154, P152, P153, P183, P185	NA
Silicone lubricant	Metal operations lubricant.	BA	D029, P051	NA
Silver	Contaminant of plutonium feed, hydroxide cake, ash, actinide separation waste, cement fixation inputs, and laboratory reagent.	AC1, ASP, CPOD, EV, EXT, HP, IS, R8, RC, TDC, Various	C027, C038, C039, C192, C196, C197, C207, D075, D078, D080, M086, M153	D011
Silver nitrate	Leaching, solvent extraction, and laboratory reagent.	AT, CPOD, CS, CSE, CW, CX, DO, PB, PUB, SE	D007, C200, D078, M054, M080, M086, M093, M131	D011
Sodium bicarbonate	Dissolution and ash fluorination reagent.	CK, DO, SO	M131, P069, P071	NA
Sodium carbonate	Actinide R&D and plutonium recovery operations reagent.	AD, ER	D045, P078	NA
Sodium chloride	Electrochemical and plutonium recovery operations reagent salt.	CPOD, EDC, RM, SS	D055, M029, M086, M206, P104, P147	NA
Sodium chlorite	Actinide R&D and plutonium recovery operations reagent.	AD, CX	P067, M181	NA
Sodium chromate	Plutonium dissolution and precipitation.	PT	D078, P103	D007
Sodium citrate retarder	Cement fixation reagent.	CF, HP	D078, M154, P008	NA
Sodium dithionate	Actinide R&D and dissolution reagent.	AD, DO	M127, P067	NA
Sodium fluoride	Dissolution operations reagent.	AT	M069, M093	NA
Sodium hydroxide	Cement fixation (pH adjustment), Pu-238 purification, caustic scrubber solution, dissolution, and ATLAS R&D recovery operations reagent.	ASP, ATL, CF, COD, COL, HP, R8, Various	C094, C194, C210, D071, D078, M064, M072, M293, P183, P190	NA
Sodium metal/oxide	Actinide R&D reagent, electrorefining, fuel cladding, sodium bonding, and oxide reduction.	AD, EL, OR, RM, PX, SS	C054, C064, C079, M050, M130, M134, P096	NA
Sodium metaphosphate	Heat source fabrication operations.	R8	C195	NA
Sodium nitrate	Ion exchange, scrap processing, and ATLAS R&D recovery operations reagent.	ASP, ATL	C210, D080, P190	NA
Sodium nitrite	Dissolution, leaching, and ATLAS R&D recovery operations reagent.	AT, ATL, DO	M093, M131, M144	NA
Sodium oxalate	Dissolution and precipitation reagent.	DO, PPD	C079, D079, M048	NA
Sodium pyrophosphate	Sucrose recovery of Pu-238.	R8	C194, D076, D080	NA
Sodium sulfate	Electrolytic decontamination reagent.	ARI, EDC	D011, P147	NA
Sodium tetraborate	Pressure testing reagent.	BT	C083, D011	NA
Stannous chloride	Plutonium recovery reagent.	CXL, PUB	D007, D023	NA
Stearic acid	Fuel production reagent, recovery operations, and component of silicone adhesive.	CO, OB, Various	D002, D023, D029, M154	NA
Sucrose	Sucrose recovery of Pu-238 and microspherical fuel reagent.	FF, R8	D029, C194, D080, M294	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Sulfuric acid	Peroxide precipitation, dissolution, R&D, Pu-238 recovery from iridium, and ATLAS R&D recovery operations reagent.	AD, ATL, DO, PR, RCI, Various	M103, M125, M151, P078, D080, P190	NA
Tantalum	Metal used in welding operations, fuel elements, and crucibles. Dissolution and electrorefining reagent.	AAP, DO, PUB, SS, WE, Various	M029, P014, P025, P044, P052, P056	NA
Tap Magic	Machining coolant (contains 1,1,1-trichloroethane).	MA	C009, C019, C020, M154	F002
Tetrachloroethylene	Degreasing, cleaning solvent, diluent, contaminant of cement fixation process and hydroxide solids. CLS reagent.	AD, APD, CF, CLS, CSE, CV, CW, HP, SE	C092, C200, D007, D032, D078, P067	D039, F001, F002
Tetraethylamine chloride	Actinide R&D reagent.	AD	D032, P076	NA
Tetraethylammonium hydroxide	Actinide R&D reagent.	AD	D032, P076	NA
Tetrahydrofuran	Synthesis R&D reagent, organoactinide R&D reagent, Np and Pu metal cleaner.	AC, AC1, AC2, SA	C026, C027, D032, P080	NA
Thionyl chloride	Plutonium chlorination reagent.	CV, PTP	D045, P083	NA
Titanium	Metal used in welding operations and electrorefining reagent. Component of electrodes and miscellaneous equipment.	BA, CPOD, MELL, SS, WE	M029, M086, M092, M200, P044, P051	NA
Toluene	Actinide and organoactinide R&D reagent. Detected in headspace gas of Pu-238 waste.	AC, AC1, AC2, SA	C027, D032, D076, P080,	F005
Tributyl phosphate (TBP)	Actinide R&D and hydrothermal processing reagent.	AD, APD	D032, P064, P067	NA
Trichloroethylene	Clean and polish machined parts. Miscellaneous process and hydroxide cake contaminant. Hydrothermal processing and solvent extraction reagent.	AAP, APD, CK, EL, FF, MA, ME, WM, XO/X0, Various	C009, C019, C035, C102, C200, D077, D081, M223, P071, P085	D040, F001, F002
Trioctylphosphine oxide (TOPO)	Plutonium operations reagent and cement fixation contaminate.	CF, HP, Various	C094, D036, P011	NA
Tungsten	Metal used in welding operations and equipment, fuel elements, measure physical properties standard, and electrorefining reagent.	BC, RM, SS, WE, Various	M029, M030, M037, P044, P052, P056	NA
UCAR C-34	Epoxy used for sealing aeroshells.	WD	C192, D080, M154	NA
Urea	Plutonium recovery operations, Pu-238 purification, and ATLAS R&D reagent.	ASP, ATL, DO, DS, IX, LR, RFX, RR, Various	C210, D080, M045, M054, P024, P190	NA
Vacuum grease	Vessel handling and unloading and machining operations reagent.	AAP, PI, SRL, VP2, VUL	M043, M084, M154, M189, P014, P053	NA
Vanadium	Metal used in machining and welding operations.	MA, WE	D029, P148	NA
Vanadium pentoxide	Salt distillation and stripping reagent.	SD, SS	C061, C068, M028, P110	NA
Varian Torr Seal epoxy	Sealing oxide sample containers.	GPHS, P1, PP	M154, P180	NA

Table 9. Chemical Identification and Use Summary (Continued)

Chemical/Product	Use/Source	P/S Code(s)	Document Source(s)	EPA HWN(s)
Vermiculite	Hydrated magnesium-aluminum-iron silicate used to absorb ethylene glycol, suspend oxide power samples, and waste/liquid packaging absorbent.	GPHS, P1, ME, PP, RO, WM	C035, M064, M154, M286, P098	NA
Waste Lock 770	Sodium polyacrylate absorbent material used during remediation/repackaging operations.	Various	C150, M154	NA
WD-40	Vessel handling and unloading.	VUL	M154, M189	NA
Windex	Machining cleaner.	MA	C019, M154	NA
Xylene	CLS, actinide R&D, and metallography operations reagent. Cement fixation contaminant.	ACL, APD, CF, CLS, CW, HP, ME, Various	C092, C094, D007, D032, D078, M164, P033	NA
Yttrium metal/oxide	Mixed with plutonium in MWG processing and electrorefining reagent.	GPHS, P1, PP, SS	D076, D080, M029	NA
Zeolite	Aluminosilicate mineral absorbent material used during pit disassembly and remediation/repackaging operations.	SRL, Various	D011, D029, M154	NA
Zinc chloride	Pyroredox reagent salt.	RA	D002, P029	NA
Zinc stearate	Fuel production anti-sticking reagent.	MOX	C102, D029	NA
Zirconium metal/oxide	Electrorefining reagent and metal used in machining.	ME, SS, Various	D002, D009, D023, M029	NA

Notes:
Some of these chemicals may exhibit the characteristic of ignitability, corrosive, and/or reactivity in their pure form. However, potentially ignitable, corrosive, or reactive materials (e.g., liquids and pressurized containers) identified during RTR and/or VE will be remediated or removed from the waste container prior to shipment to the WIPP. In addition, based on an analysis of the generating operations and waste management practices, no pure or unused chemicals would have been introduced into the debris or homogeneous waste streams.

5.4.3.2 F-, K-, P-, and U-Listed Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the debris waste, LA-MHD01.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 Code of Federal Regulations (CFR) 261.31, *Identification and Listing of Hazardous Waste* (Reference 15). As shown in Table 9, F001, F002, F003, and F005 listed solvents are utilized and could potentially contaminate the waste. F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, and xylene, are listed solely because these solvents are ignitable in the liquid form. The waste stream does not exhibit the characteristic of ignitability and therefore F003 is not assigned. Waste stream LA-MHD01.001 is assigned F-listed EPA HWNs F001, F002, and F005 for potential 1,1,1-trichloroethane, benzene, carbon tetrachloride, chlorobenzene, Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane), methylene chloride, methyl ethyl ketone, pyridine, tetrachloroethylene, toluene, and trichloroethylene contamination (References C121, C147, and M310).

At one time, HWN P120 was applied to certain drums generated in 1998 because of the temporary use of vanadium pentoxide for about six months in that year. Based upon investigation into the way the material was handled, this code is not assigned to this waste stream. A P120 assignment would be used only if waste resulted from spillage of this material or from disposal of un-reacted/unspent material. No un-reacted/unspent material was disposed of in TRU waste drums. In addition, no significant spill of this material occurred. If a spill had occurred, suitable records would exist (e.g., incident reports, waste profile forms). The absence of such documentation, coupled with information obtained through interviews of people who worked with the material, indicates that a P120 assignment is not necessary (References C061, C147, M284, and M310).

Beryllium may be present in the waste stream, but does not meet the definition of a P015-listed waste. Available AK did not identify the use of beryllium powder as a constituent in this waste stream. During processing within P/S Codes PU and PUB, beryllium from Pu-Be sources is dissolved with the plutonium in acid, and after dissolution, the beryllium is either precipitated or in the contaminated solution is sent to the RLWTF at TA-50. The precipitate is not included in this waste stream. In some cases, Beryllium turnings are generated during machining operations. However, these turnings are a very low fraction of metal waste that is discarded. The material reclamation process identifies the processing and packaging of Pu-238/beryllium neutron source material. The amount of beryllium material was estimated at approximately two grams per neutron source prior to processing. Based on the description of the process, the beryllium contamination present in the final waste form is expected to be minimal. However, beryllium from metal operations may be present in this waste stream. Containers from these operations that contain greater than one weight percent beryllium will be appropriately identified (References 14, C121, C122, C147, C156, M283, and M310).

Hydrofluoric acid was used or present in the facility and operations potentially contaminating the debris waste; however, a U134 HWN assignment would only be applicable if the waste resulted from a spill or disposal of unused material. There is no documented spill of this material present. In addition, there is no record of unused hydrofluoric acid being disposed of in this waste stream (References C121, C155, D002, and D025).

Waste stream LA-MHD01.001 does not contain and is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof. Constituents identified were further researched and a determination was made that waste does not meet the definition of a listed waste in 40 CFR 261.33 (Reference 15). The material in this waste stream is not hazardous from specific sources since it is not generated from any of the processes listed in 40 CFR 261.32 (Reference 15). Therefore, this waste stream is not a K-, P-, or U-listed waste stream (References C121 and C147).

5.4.3.3 Toxicity Characteristic Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the debris waste, LA-MHD01.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24 (Reference 15) as summarized in Table 9. Where a constituent is identified and there is no quantitative data available to demonstrate that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to the waste stream. The AK also identified the potential presence of organic toxicity characteristic compounds that are assigned the more specific F-listed EPA HWNs. Although these organic characteristic compounds are covered by the assignment of the F-listed EPA HWNs, the toxicity characteristic EPA HWNs are also assigned to the waste stream for consistency with historical site waste coding. Waste stream LA-MHD01.001 is assigned the following HWNs: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040 (References C121, C147, and M310).

5.4.3.4 Ignitables, Corrosives, and Reactives

The debris material in waste stream LA-MHD01.001 does not meet the definition of ignitability as defined in 40 CFR 261.21 (Reference 15). Ignitable chemicals (e.g., acetone, hexane) are used or present in the facility and operations potentially contaminating this waste stream. However, D001 (ignitability) does not apply because: (a) the solid waste is not liquid, and verification that there are no prohibited liquids in the debris waste is performed prior to certification; (b) the solid waste does not spontaneously ignite at standard pressure and temperature through friction, absorption of moisture, or spontaneous chemical changes; (c) the solid waste is not an ignitable compressed gas; and (d) there are no oxidizers present that can stimulate combustion. Prior to 1992, some nitrate salts below the DL were not sent to cement fixation for immobilization but were packaged as waste. LANL has determined that these salts do not meet the definition of a DOT oxidizer (i.e., they would not stimulate combustion). However, the salts are being remediated/repackaged in the WCRR Facility with an inert absorbent material (e.g., zeolite, kitty litter). The minimum zeolite or kitty litter to nitrate salts mixture ratio is 1.5 to 1. LANL has determined that nitrate salts, when mixed with zeolite or kitty litter, would further support the managing of the waste as non-ignitable. This determination is based on the results of oxidizing solids testing performed by the Energetic Materials Research and Testing Center. The materials in the waste stream are therefore not ignitable wastes (D001) (References C121, C147, C201, C203, C230, C231, D083, D084, D089, D090, D091, P187, and P198).

The debris material in waste stream LA-MHD01.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 15). Corrosive chemicals (e.g., hydrofluoric acid, nitric acid, potassium hydroxide, sodium hydroxide) are used or present in the facility and operations potentially contaminating this waste stream. However, D002

(corrosivity) does not apply because the solid waste is not a liquid, and verification that there are no prohibited liquids in the debris waste is performed prior to certification. The materials in the waste stream are therefore not corrosive wastes (D002) (References C121, C147, C194, C200, D071, P181, P182, and P190).

The debris material in waste stream LA-MHD01.001 does not meet the definition of reactivity as defined in 40 CFR 261.23 (Reference 15). Reactive chemicals (e.g., perchloric acid, sodium metal) are used or present in the facility and operations potentially contaminating this waste stream. However, D003 (reactivity) does not apply because the solid waste is stable and will not undergo violent chemical change without detonating. The waste will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The waste does not contain reactive cyanide or sulfide compounds. There is no indication that the waste contains explosive materials, and it is not capable of detonation or explosive reaction. The materials in the waste stream are therefore not reactive wastes (D003) (References C121, C147, C201, and C202).

Controls have also been in place to ensure the exclusion of ignitable, corrosive, and reactive constituents. The associated EPA HWNs do not apply to wastes in this waste stream for the following reasons (References D025, D037, D049, D083, P090, P091, P096, P097, P102, and P165):

- Liquids were prohibited from solid waste streams at LANL when the Plutonium Recovery Facility opened in January 1979. A waste management procedure written to cover operations at the new facility, *TA-55 Standard Operating Procedure* (SOP) stated that "Liquids are not permitted in any container of solid waste materials." Currently, *TA-55 Waste Management,* requires that no liquids be disposed of as a solid waste unless the liquid has been absorbed into some media (like vermiculite) that does not carry a D001 code.

- Chemical Waste Disposal Requests (see Figure 6), introduced in June 1980, included check boxes that the waste generator was required to check if the waste contained corrosive acids or bases, or pyrophoric, flammable, corrosive, explosive, toxic, carcinogenic or highly reactive materials. The Certification Plan and related Generator Attachments were implemented in 1987. Waste generators are required to sign a statement on the WODF documenting that the waste contains "no free liquids, pyrophorics, explosives, compressed gases, powders or materials other than the indicated matrix." Checkboxes are also present for indicating the presence or absence of corrosive chemicals. Full implementation of this generator statement occurred in May 1987.

- Waste management inspectors perform visual verification of the waste prior to its initial packaging, thus allowing the inspectors to verify the generator's WODF statement.

- In addition to the above-mentioned prohibitions on explosives in waste, explosives were altogether prohibited until installation of the Impact Test Facility in the early 1990s. In case of a misfire or unconsumed explosives, a procedure is in place to ensure that explosives do not enter the waste stream.

- The Waste Profile Request Form (WPRF), which has been in use at LANL since 1991, includes a statement which is authenticated by the waste generator, that the waste is not ignitable, reactive, or corrosive.

- The Generator Attachments to the Certification Plan were updated in 1995, but the prohibition on liquids in the waste, and the waste management inspection, remained in effect.

- The LANL Project 2010 Certification Plan, and TWIDs prohibit liquids in waste and the absence of liquids is verified by LANL waste management.

- Solutions containing spent non-halogenated solvents are sent to the RLWTF if they are below the DL for plutonium.

- If above the DL, the solutions are sent to aqueous recovery as part of chloride or nitrate operations. Aqueous recovery steps include dissolution of any solid plutonium in hydrochloric or nitric acid, followed by plutonium recovery by ion exchange. The solutions are then below the DL and are either sent to the RLWTF or to the evaporator.

- Rags that are above the DL for plutonium are thermally decomposed, which destroys any organic component.

- Rags that are below the DL for plutonium are discarded as combustible debris, but headspace gas analyses support the contention that the solvents are below the limits established by the WIPP-WAC.

The absence of these prohibited items is verified through RTR and/or VE of each waste container. Any prohibited liquids are absorbed and discarded in an appropriate waste stream and containerized gases that are found to be present are removed before waste certification (Reference D083).

5.4.3.5 Polychlorinated Biphenyls (PCBs)

With the exception of suspect PCB fluorescent light ballasts, no other sources for PCBs in waste stream LA-MHD01.001 were identified in the AK source documents. In the cement fixation operation (P/S Codes CF and HP), oils are sometimes added to drums of cemented waste. They are added to the 55-gallon drums of cement in small quantities (maximum of six liters). The oils are primarily vacuum pump oils, along with

some oils used in heat-treating (cooking or silicone oils) or in grinding. None of these oils are known to contain PCBs. All transformers known to contain PCBs have been tracked from initiation of recovery operations. When any transformer oil is drained, the oil is handled by a subcontractor who is wholly responsible for its disposal; this oil does not enter the LANL disposal operations. Ballasts in fluorescent light fixtures could contain PCBs. These light fixtures are outside the gloveboxes and were not expected to have entered the TRU waste stream. However, characterization activities have identified the presence of light ballasts. Therefore, containers with PCB waste, identified during RTR or VE, will be managed as a Toxic Substances Control Act (TSCA) waste under 40 CFR 761, *Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce and use Prohibitions* (References 18, C096, C147, C157, C201, D080, D083, P012, and P162).

5.4.4 Prohibited Items

5.4.4.1 Compressed Gases, Liquids, Nonradionuclide Pyrophorics, Sealed Containers >Four Liters In Volume, >1 Percent Radionuclide Pyrophorics, and >200 mrem/hr Waste

Most gases used at the PF-4 are stored outside the building and the gas is plumbed into the glovebox from outside the building (Reference C098). Occasionally, a lecture bottle is used for an operation inside the building, but these bottles are kept outside of the glovebox with the gas plumbed into the glovebox. Consequently, compressed gas cylinders or containers are not expected to be in any of the TRU waste streams (References C223 and D025).

Spray cans, especially WD-40, were in common use in gloveboxes until May 1992 (Reference C081). These were routinely discarded as noncombustible debris waste. From 1988 until May 1992, the protocol was to vent or puncture the spray cans inside the glovebox; venting was indicated by inserting a metal wire into the valve. After May 1992, spray cans are no longer used in gloveboxes (References C201, C206, D025, and D083).

Procedures for oxygen sparging and/or carbonate oxidation have been in use since May 1987 to ensure that potential pyrophorics associated with pyrochemical salt waste are oxidized. In addition, screening tests on similar pyrochemical salts and residues (which contained higher amounts of plutonium) at the former Rocky Flats Environmental Technology Site showed (1) no autoignition, (2) no spontaneous combustion, and (3) no sparking. Experimental results on the reactivity of DOR salt with water and the reactivity in air of heated calcium metal nodules from DOR salts indicate the absence of "dangerous when wet materials" and pyrophoricity in these salts (References C064, C065, C202, C203, D025, D084, P125, and P187).

Chemical Waste Disposal Requests dated as early as June 1980 included boxes that were required to be checked if the waste contained pyrophoric, flammable, corrosive, or explosive materials (see Figure 6) (Reference D083).

In addition, for wastes generated after the implementation of the 1987 Certification Plan, associated waste packaging procedures, and quality assurance systems, the waste generator has signed a statement on the WODF for each waste item stating that waste contains "no free liquids, pyrophorics, explosives, compressed gases, powders or materials other than the indicated matrix." The Attachments to the Certification Plan describe how these restrictions are verified by waste management personnel (References D025 and P090).

The Project 2010 Certification Plan, and the TWIDS prohibit compressed gases, liquids, nonradionuclide pyrophorics, sealed containers greater than four liters in volume, or >1 percent radionuclide pyrophorics in waste and verified by waste management (Reference D025).

Based on interviews with site personnel performing VE and prohibited item disposition repackaging, internal cans (both shielded and unshielded) have been measured for dose rate during repackaging and found to contain waste with radiation levels exceeding 200 mrem/hr (References C135 and C136).

5.4.4.2 Remediation of Prohibited Items

Prohibited items are known to be present. Procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until WIPP certification procedures were implemented. The presence of containerized (e.g., butane lighter, lighter fluid can, unpunctured aerosol cans, vials) and uncontainerized liquids have also been observed. Lead shielding is often used to increase handling safety, and thick shielding can obscure RTR observations (References D025, D083, and DR029).

Prohibited items are detected by RTR or VE and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged into new drums, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items removed and segregated if necessary prior to certification and shipment. Waste items with a high dose rate may be repackaged into a POC. Repackaged waste items that are placed into a new drum(s) or POC are from a single parent drum. Some secondary waste generated during remediation and repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C177, D025, D083, M316, P154, P158, P159, P175, P192, and P203).

5.5 Waste Packaging

Waste packaging procedures for waste streams have been modified several times since the beginning of plutonium operations in PF-4 and containers in this waste stream include a variety of configurations with up to six layers of confinement. It is expected that debris waste from waste management operations generated between 1979 and 1995 would usually be packaged into a U.S. Department of Transportation (DOT) 7A, Type A 55-gallon steel drum, including either up to two 5-mil to 12-mil plastic liner bags closed with tape, or one 90-mil/125-mil rigid polyethylene liner with lid. Waste could also be packaged in vented 30-gallon drums or into in-line 30-gallon drums attached to a glovebox in the waste management room, and later overpacked into 55-gallon drums. Larger waste items and remediated/repackaged waste may be packaged in unlined SWBs with appropriate materials, such as Styrofoam sheets, wooden pallets, or plastic materials to prevent them from shifting (References C056, D025, P090, D084, P179, P188, P192, and P195).

Since 1995, several changes have been introduced to the packaging procedures. Up to two plastic liner bags could still be present, but they are typically closed by folding, not by taping. Waste can also be packaged in a rigid polyethylene drum liner contained in a bag-out bag which is then placed in a 55-gallon drum lined with plastic liner bag. All waste containers (i.e., 55-gallon drums, SWBs) are vented with approved filter vents prior to disposal (e.g., Nucfil-013). Since 1997, plastic bags with filters are typically used. Waste with the potential to tear the plastic bag, such as broken glass, is first placed in a metal container with a slip-top (also referred to as a slip-fit) lid, taped closed, and then placed into the plastic bag. Larger waste items with sharp edges are properly taped or otherwise rendered blunt. Waste with a dose rate greater than 75 mrem/hr is placed in a lead or a tin alloy shielded container prior to packaging. Waste could also be packaged or repackaged in a POC. Waste placed into a POC may be packaged into a single filtered plastic bag which may include a fiberboard liner/sleeve inside the plastic bag. POCs contain a pipe component in a standard 55-gallon steel drum that is lined with a punctured rigid liner with packing material between the pipe component and liner. POCs are closed once predetermined SNM or weight limits are met or when the pipe component is physically full.

Remediated/repackaged waste may be packaged with or without a single plastic liner bag with one of the following drum configurations depending on the remediation facility: no liner, a fiberboard liner, a POC, or a 90-/125-mil rigid polyethylene liner without lid (References C062, C149, D025, D084, D085, P091, P159, P164, P166, P167, P168, P169, P175, P178, P192, and P195).

This waste stream is primarily generated from operations performed in gloveboxes. The waste material is placed directly into bag-out bags (also called inner bags) through an opening in the glovebox where the bag is attached, and the bag is then closed and detached from the glovebox. Waste may also be packaged into a stainless-steel dressing jar, a slip-top can, and/or an unsealed metal container before it is placed into

the bag-out bag. Once removed from the glovebox line, the bagged out container(s) may also be put into a secondary stainless-steel slip-top container. TRU waste is sometimes generated from "hot jobs" outside of the glovebox, such as valve changes, or from decontamination of spills or other releases. In these cases, the waste is placed directly into one (or possibly more) inner bag at the work area. All inner bag closures are by twist-and-tape method or the twist, tie, and tape method (References D025, D084, M074, M076, P155, P156, P157, and P160).

A minor source of waste in this waste stream is room trash that was originally considered to be LLW, which is collected in plastic bags inside cardboard boxes. Occasionally, when assayed, these boxes are determined to be TRU waste. These boxes may be sorted to remove the "hot" item, or the whole box may be bagged and sent to the TRU packaging area for placement in drums. When this occurs, the P/S Code WM is assigned to the waste. Due to the additional layers of plastic that may be present when this operation occurs, drums with the P/S Code WM are assumed to contain one more layer of internal packaging than other drums (References C056, C188, D025, and D084).

Generally, lesser quantities of homogeneous waste materials present in this waste stream are visually examined prior to waste packaging. If necessary, the material may be placed under a heat lamp, in a vacuum, on a hot plate, or in a furnace to further reduce the moisture content. TRU liquids are absorbed with an absorbent such as vermiculite prior to packaging. The minimum absorbent to liquid ratio is 3 to 1. After the liquid is absorbed in vermiculite, the waste is hand squeezed with a rubber glove. If any liquid is observed on the surface of the glove or the waste, more vermiculite is added and the hand squeezing is repeated until the waste appears dry. The homogeneous waste materials are then bagged out of the glovebox as described above (References M074, M076, P155, P156, P157, P161, and P162).

RTR and/or VE will confirm TRUCON code LA125/225. LA125/225 describes the broadest type of materials and bounds all waste packages in this waste stream. However, TRUCON codes LA115/215, LA116/216, LA117/217, LA118/218, LA119/219, LA122/222 (Reference P173), and LA123/223 have been identified as suitable TRUCON codes for individual containers in this waste stream. For high wattage drums, TRUCON codes LA154 or SQ154 may also be used for shipping. In addition, TRUCON code SQ133/233 is used for containers that include greater than one percent by weight beryllium. These TRUCON codes may be assigned for the eventual certification and transportation of payload containers in this waste stream pending further evaluation by the Waste Certification Official of container- specific information (References 9, 14, D025, D084, and M296).

During waste management and drum storage activities following initial waste generation, 55-gallon drums have been overpacked into larger drums (i.e., 85-gallon drums or larger) or SWBs to correct/address external contamination, fissile gram equivalent (FGE) limits, and drum integrity problems such as pin hole corrosion, dents, etc. If drums are overpacked in an SWB (up to four 55-gallon drums), no closed liner bags are used in the SWB. In addition, CMBs may be modified, vented, and packaged into TDOPs (References D018, D024, D068, M222, P092, P098, P117, P158, P166, P167, P203, and P204).

This waste stream includes containers originally assigned to waste stream LA-CIN01.001 that contain greater than 50 percent debris material by volume (Reference DR044). Therefore, containers in this waste stream may be packaged in configurations described in Section 6.5 (e.g., packaged in lead shielded cans and drums).

Vent dates for individual containers are provided in the AK Tracking Spreadsheet (References C002 and M220).

6.0 REQUIRED WASTE STREAM INFORMATION: LA-CIN01.001

This section presents the mandatory waste stream AK required by the WIPP-WAP (Reference 1). Attachment 1 of CCP-TP-005 (Reference 8) provides a list of the TRU waste stream information required to be developed as part of the AK record.

6.1 Area and Building of Generation

All of the cemented TRU waste covered by this report originated from the TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in Section 4.4. Container-specific records are reviewed for each container to verify the physical composition and origin of the waste stream inventory (References C138, M222, M236, and M238).

6.2 Waste Stream Volume and Period of Generation

Waste stream LA-CIN01.001 is mixed cemented TRU waste generated from 1979 to present. Table 10, LA-CIN01.001 Approximate Waste Stream Volume, summarizes the current volume of this waste stream. Of the 2,828 containers in this waste stream, 78 are presently in below-grade retrievable storage at TA-54, Area G. The projected volume of retrievably stored below-grade containers may change based on the radiological characteristics and the condition of the containers. The future projection of additional generation of this waste stream is approximately 13 cubic meters per year. There is no projected end date for the termination of operations that generate this waste stream (References C138, C140, C180, C232, C234, D041, M236, and M238).

Table 10. LA-CIN01.001 Approximate Waste Stream Volume

Containers	Volume (cubic meters)
12 30-gallon drums	1.36
2,086 55-gallon drums (includes POCs)	438.06
718 85-gallon drums	229.76
8 110-gallon drums	3.36
2 SWB	3.33
2 Other Containers	0.84
2,828 Total	677.11

6.3 Waste Generating Activities

Cemented TRU waste is generated by or originated from materials used during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in detail in Section 4.4 and includes (References D041 and D083):

- Preparing ultra-pure plutonium metals, alloys, and compounds
- Preparing (on a large scale) specific alloys, including casting and machining these materials into specific shapes
- Determining high-temperature thermodynamic properties of plutonium
- Reclaiming plutonium from scrap and residues produced by numerous feed sources
- Disassembling components for inspection and analysis
- Manufacturing of parts on a limited basis
- Processing mixtures of plutonium and uranium oxides for reactor fuels
- Pu-238 generator and heat source R&D, fabrication, testing, and recycling

6.4 Type of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, WMPs, radionuclide contaminants, and RCRA hazardous waste determinations for waste stream LA-CIN01.001. The waste stream is characterized based on knowledge of the materials, knowledge of the operations generating the waste, and physical descriptions of the waste.

6.4.1 Material Input Related to Physical Form

Waste stream LA-CIN01.001 consists primarily of inorganic homogeneous solid waste (cemented TRU waste) generated in TA-55. The waste includes materials encased in Portland or gypsum cements such as aqueous and organic liquids from the six operational areas (e.g., nitrate operations), ash, calcium chloride salts, chloride solutions, evaporator bottoms and salts, filter aid, filter cakes (e.g., hydroxide cake), plutonium/uranium filings and fines, glovebox sweepings, graphite powder, HEPA filter media, leached ash residues, leached particulate solids (e.g., ash, sand, slag, and crucible parts), oxides (e.g., americium, metal, and uranium), miscellaneous oils (e.g., pump oil), silica solids, solvents, spent ion exchange resins, trioctyl

phosphineoxide and iodine in kerosene, and uranium solutions. A small fraction of debris waste (less than 50 percent by volume) including plastic packaging, metal packaging, and PPE (e.g., leaded gloves) may also be present. Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C171, C177, DR043, D041, D050, D080, D083, and M316).

6.4.1.1 Waste Matrix Code

Based on the evaluation of the materials contained in this waste stream and LANL waste management practices, this waste stream is comprised of greater than 50 percent by volume of cemented TRU waste. Therefore, Waste Matrix Code S3150, solidified homogeneous solid waste is assigned to waste stream LA-CIN01.001 (References 2, C138, D041, D083, M222, M236, and M238).

6.4.1.2 Waste Material Parameters

The WMPs for waste stream LA-CIN01.001 were based on the descriptions of waste packaged into 2,470 containers. This waste stream is greater than 50 percent by volume of cemented TRU waste (References C138, D041, D083, and M222).

The WMPs for waste stream LA-CIN01.001 were estimated by reviewing the waste container inventory records for 2,470 containers packaged from 1979 through 2006. The waste container inventory provides a volume for waste materials packaged. By far the predominant WMP was solidified inorganic and organic material. However, from 1979 through 1987, the solidified matrix was packaged into one-gallon steel cans. These cans were considered mixing containers and not layers of confinement. Therefore, the cans were considered part of the waste. From 1988 through 2006, the concrete was mixed as a monolith in a rigid polyethylene liner inside the 55-gallon drum. As with the one-gallon cans, LANL considered the liner a mixing container and not a layer of confinement. Therefore, the liner was also considered part of the waste for WMP purposes. These calculations conclude that the relative waste weight percentages for organic waste materials (primarily rigid polyethylene liners) and inorganic waste materials (primarily solidified inorganic and organic materials and one-gallon cans) for waste stream LA-CIN01.001 are 0.61 percent and 99.39 percent, respectively. The results of the assessment are presented in Table 11, Waste Stream LA-CIN01.001 Waste Material Parameter Estimates.

The statistical analysis of the data is documented in a memorandum (included with Attachment 6) as required by CCP-TP-005 (Reference 8).

Table 11. Waste Stream LA-CIN01.001 Waste Material Parameter Estimates

Waste Material Parameter	Avg. Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	3.43%	0.0 – 97.29%
Aluminum-based Metals/Alloys	0.00%	0.0 – 0.0%
Other Metals	0.00%	0.0 – 0.0%
Other Inorganic Materials	0.00%	0.0 – 0.0%
Cellulosics	0.00%	0.0 – 0.0%
Rubber	0.00%	0.0 – 0.0%
Plastics (waste materials)	0.61%	0.0 – 3.31%
Organic Matrix	0.00%	0.0 – 0.0%
Inorganic matrix (solidified inorganic and organic materials)	95.96%	2.71 – 98.99%
Soils/Gravel	0.00%	0.0 – 0.0%
Total Organic Waste Avg.	**0.61%**	
Total Inorganic Waste Avg.	**99.39%**	

6.4.2 Radiological Characterization

6.4.2.1 Pu-238, Pu-239, Pu-240, Pu-241, and Pu-242

The primary plutonium material type inputs for the plutonium recovery process are listed in Section 5.4.2.2, Table 3. However, other MTs are occasionally introduced as feed material. The assignment of MTs is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex (References C186, C194, C209, C219, C222, D025, D073, D074, D076, D080, D083, M222, M283, M295, and M309).

Recovery operations are not expected to alter the plutonium isotopic ratios of the feed material. The material type used in the operation generating each waste item is documented on generator records; however, cross-contamination of equipment with different material types can lead to variable material types detected by radioassay (References D025, M222, M236, and M238).

The primary MT that feeds into the Pu-238 operations described in this report is heat source grade plutonium (MT 83), and these operations are not expected to alter the plutonium isotopic ratios of the feed material. Section 5.4.2.2, Table 3, identifies the isotopic distribution of MT 83 based on 100 isotopic analyses which were decay corrected assuming the material was not chemically separated for 45 years (References C125, C186, C194, C209, C219, C222, D073, D074, D076, D080, D083, M283, M295, and M309).

6.4.2.2 U-233, U-234, U-235, and U-238

U-233 and U-238 are not normally components of the plutonium MTs handled at PF-4. U-235 is present from the decay of Pu-239 only at 0.1 percent by weight of the total plutonium content. However, all three isotopes have been introduced as special material. In addition, uranium-plutonium oxide mixtures have been processed to recover the plutonium. Significant quantities of U-234 will be present from the decay of Pu-238 in waste originating from heat source plutonium operations (References C222, D025, and D076).

In general, uranium and its isotopes are expected to be present only at trace levels, if at all, if the feed material did not purposely contain uranium. However, some reactor fuel development, uranium-plutonium separation, and pit disassembly operations have uranium material as the feed material. The primary uranium MT inputs are listed in Section 5.4.2.2, Table 4 (Reference D080).

U-234 content must be estimated since this isotope cannot be reliably measured using NDA techniques (Reference C001). The MT provides the basis for estimating an upper bound for U-234 based on the rate of decay of the precursor, Pu-238, and the assumption that there is no other source of uranium in the waste material. The content of U-234 in the Pu-239 MTs is calculated as the sum of the contributions expected from decay of Pu-238 and from uranium input to the operation, with the value of 0.014 conservatively used for the ratio of abundances of U-234 to U-235 in typical uranium MTs. The standard uranium MTs provide an estimate of the ratio of U-234 to U-235 where one of the MTs listed in Section 5.4.2.2, Table 4, is an indicated MT in the waste container (References D025 and D083).

6.4.2.3 Am-241

AK on the MT inputs provides the basis for estimating an upper bound for Am-241 content based on the rate of decay of the precursor, Pu-241. The purpose of such bounding calculations is to provide a basis for identifying significant enrichment or depletion of Am-241 based on radioassay results for individual waste containers. The calculations assume that (a) none of these isotopes were initially present in the material, (b) the oldest plutonium material in inventory dates back to January 1, 1960, and (c) the legacy waste was packaged on January 1, 1996, making it 36 years old at that time. In general, wastes from the plutonium recovery process are enriched with Am-241, because a primary intent of the recovery process is to reduce the americium content of the retained plutonium (References C222, D025, and D083).

No correlation is expected among the different radioelements, Pu, Np, U, Pa, or Am. The differences in valence states and chemical affinities among these elements are expected to result in substantial fractionation during several recovery operations, including ion exchange, solvent extraction, hydroxide precipitation, and dissolution (References D025 and D083).

6.4.2.4 Other Radionuclides Present Due to Decay

Other radionuclides will be present in most of the wastes from the decay of a plutonium isotopic precursor or as a contaminant in the feed material. Refer to Section 5.4.2.4 for a discussion of Np-237, Am-243, Pa-231, and Ac-227 decay products (References C067, C073, C208, C209, D025, D080, and D083).

6.4.2.5 Cs-137 and Sr-90

Cs-137

Cs-137 is a product of the spontaneous fission of Pu-238, Pu-239, and especially Pu-240. Cs-137 is also a trace contaminant in purified plutonium from the production reactors (References C067 and C073). In the latter case, the remaining cesium could be on the order of 0.5 ng/g plutonium. In the former instance, the formation of Cs-137 due to spontaneous fission would lead to about 0.4 pg/g plutonium in plutonium that is ten years old. Because Cs-137 due to spontaneous fission is about a factor of a thousand less than that due to residual contamination from the original separation on the production fuel, the latter is the dominant source of cesium in waste (References C208, C209, D025, and D083).

Sr-90

Based on interviews with an SME, no spent nuclear fuel or other material containing Sr-90 were introduced into the TRU waste streams (Reference C076). No references or procedures related to spent fuel processing were located in the AK investigation of records. No generator documents (WODF, DWLS, TWSR, and WPF) identified spent fuel or Sr-90 as inputs or as present in the waste. During review of WPFs and database records from the waste storage facility (TA-54), use of material containing Sr-90 was not identified (References C139 and C208). However, because of the requirement that an estimate of Sr-90 content be made, the following approach is taken. In plutonium production runs, Cs-137 and Sr-90 are produced at approximately the same level. These two nuclides have very similar half-lives (~ 30 y) and will therefore be present at roughly the same activity level prior to commencement of any processing operations. If it is assumed that strontium and cesium are not fractionated from one another during chemical processing, Cs-137 may be used as a marker for Sr-90 activity at a ratio of 1:1 (References D025 and D083).

6.4.2.6 Other Radionuclides Introduced as Feed Material

Refer to Section 5.4.2.6 and Table 5 for a discussion of secondary radionuclides that are also present in this waste stream due to operations involving feed materials other than plutonium. The list of radionuclides includes Ac-227, Am-241, Am-243, Ce-144, Cm-244, Np-237, Pa-231, Pu-238, Th-230, Th-232, U-233, U-235, and U-238 (References C067, C076, C108, D025, and D083).

6.4.2.7 Estimated Predominant Isotopes and 95 percent Total Activity

Radionuclide data established by the PF-4 waste generator on a container basis and container data from the Area G waste storage records were evaluated to determine the relative radionuclide weight and activity for waste stream LA-CIN01.001. This evaluation was performed using the combined data for all containers in this waste stream. From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and U-238, while over 95 percent of the total activity in the waste stream is from Am-241, Pu-238, Pu-239, and Pu-241. It should be noted that although U-238 is the most prevalent radionuclide by mass in the waste stream, U-238 was reported in only 204 containers. Table 12, Estimated Radionuclide Distribution in LA-CIN01.001, identifies the relative radionuclide weight and activity percent of expected radionuclides over the entire waste stream based on the container data evaluated. As illustrated in Table 12, the radionuclide weight percent of individual radionuclides varies greatly on a container-by-container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream (References C133, C139, C180, C232, C234, D041, and M307).

6.4.2.8 Use of Radionuclide Isotopic Ratios

For waste containers where direct measurement does not yield useable isotopic ratio information, AK may be used to supplement direct measurement data in accordance with the WIPP-WAC (Reference 3). The ratios that may be used are those identified in Section 5.4.2.2, Tables 3 and 4, in conjunction with the corresponding nuclear material type identified by the waste generator on a container basis. The specific use and confirmation of AK related to WIPP-certified assay measurements of containers in this waste stream is documented in the memorandum written in accordance with the requirements of CCP-TP-005 (Reference 8).

Table 12. Estimated Radionuclide Distribution in LA-CIN01.001

Radionuclide	Total Nuclide Weight%[1,5]	Total Nuclide Curie%[2,5]	Nuclide Wt% Range for Individual Containers[3,5]	Nuclide Ci% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides					
Am-241	0.60%	**31.62%**	0 - 98.22%	0 - 99.85%	Yes
Pu-238	0.01%	**3.61%**	0 - 86.52%	0 - 98.74%	Yes
Pu-239	**9.82%**	**9.36%**	0 - 96.42%	0 - 37.04%	Yes
Pu-240	0.74%	2.57%	0 - 20.66%	0 - 4.88%	Yes
Pu-242	0.08%	Trace	0 - 92.08%	0 - 0.21%	Yes
U-233	Trace	Trace	0 - 52.74%	0 - 3.71%	Yes
U-234	Trace	Trace	0 - 0.74%	0 - 0.09%	Yes
U-238	**87.51%**	Trace	0 - 99.68%	0 - 0.10%	Yes
Sr-90	Trace	Trace	0 - Trace	0 - Trace	Yes
Cs-137	Trace	Trace	0 - Trace	0 - Trace	Yes
Additional Radionuclides					
Am-242	Trace	0.01%	0 - Trace	0 - 22.82%	Yes
Am-243	Trace	Trace	0 - 1.36%	0 - 0.98%	Yes
Bk-249	Trace	Trace	0 - Trace	0 - Trace	Yes
Cd-109[6]	Not Reported				Yes
Ce-144[6]	Not Reported				Yes
Cf-249	Trace	Trace	0 - Trace	0 - Trace	Yes
Cm-244[6]	Not Reported				Yes
Na-22[6]	Not Reported				Yes
Np-237	Trace	Trace	0 - 4.63%	0 - 0.01%	Yes
Np-239[6]	Not Reported				Yes
Pa-231[6]	Not Reported				Yes
Pu-241	0.03%	**52.83%**	0 - 3.01%	0 - 93.99%	Yes
Pu-244	Trace	Trace	0 - 0.02%	0 - Trace	Yes
Th-228	Trace	Trace	0 - Trace	0 - Trace	
Th-230[6]	Not Reported				Yes
Th-232	0.83%	Trace	0 - 94.84%	0 - Trace	Yes
U-235	0.48%	Trace	0 - 74.54%	0 - Trace	Yes
U-236	Trace	Trace	0 - 0.35%	0 - Trace	Yes

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity percent for that radionuclide.
6. Radionuclides not reported but suspected present from secondary radionuclides or decay.

6.4.3 Chemical Content Identification – Hazardous Constituents

Waste stream LA-CIN01.001 has historically been managed in accordance with the generator site requirements and in compliance with the requirements of the New Mexico Environmental Department. Based on historical waste management and LANL's TRU Program (reference LANL waste stream LAMIN01-CIN), the containers in this waste stream were managed as hazardous and assigned the same EPA HWNs as the debris waste including arsenic (D004), barium (D005), cadmium (D006), benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), trichloroethylene (D040), and F-listed solvents (F001, F002, F003, and F005). A review of available AK documentation has determined that this waste is hazardous for the above constituents, and with the exception of F003, the HWNs were retained. HWN F003 was not assigned because the waste stream does not exhibit the characteristic of ignitability. The following sections describe the characterization rationale for the assignment of EPA HWNs. Table 13, Waste Stream LA-CIN01.001 Hazardous Waste Characterization Summary, summarizes the EPA HWNs assigned to this waste stream. The HWN assignments have been applied on a waste stream basis; individual containers may not contain all of the hazardous materials listed for the waste stream as a whole (References C121, C147, and D083).

Table 13. Waste Stream LA-CIN01.001 Hazardous Waste Characterization Summary

Waste Stream	EPA HWNs
LA-CIN01.001	F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040

Chemical constituents of inputs are compiled from chemical lists contained in procedures and from SME input. In this section, discussion of the chemical inputs is divided into the following categories (References C121, C147, and C197):

- Process feed materials
- Chemical Identification and Use

Section 5.4.3, Table 8, provides a summary of the special nuclear material feed materials processed by the operations described in this report.

6.4.3.1 Chemical Inputs

To assign EPA HWNs, the available AK documentation is reviewed to assess chemical usage in the TA-55 PF-4 operations contributing to waste stream LA-CIN01.001, and potentially hazardous materials that may have been introduced into the waste stream. In addition, MSDSs are obtained for the commercial products to determine the presence of potentially regulated compounds. As described in Section 5.4.3.1, Table 9, several of

the HWNs are assigned due to lack of analytical evidence that these constituents have not exceeded the regulatory thresholds. The chemical inputs identified in Table 9 are used during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. This waste is comprised of cemented liquids and residues that are generated by these operations. Therefore, these constituents have the potential to contaminate this waste stream.

6.4.3.2 F-, K-, P-, and U-Listed Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the cemented TRU waste, LA-CIN01.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 CFR 261.31 (Reference 15). As shown in Section 5.4.3.1, Table 9, F001, F002, F003, and F005 listed solvents are utilized and could potentially contaminate the waste. F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, and xylene, are listed solely because these solvents are ignitable in the liquid form. The waste stream does not exhibit the characteristic of ignitability and therefore F003 is not assigned. Waste stream LA-CIN01.001 is assigned F-listed EPA HWNs F001, F002, and F005 for potential 1,1,1-trichloroethane, benzene, carbon tetrachloride, chlorobenzene, Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane), methylene chloride, methyl ethyl ketone, pyridine, tetrachloroethylene, toluene, and trichloroethylene contamination (References C121, C147, and D083).

At one time, HWN P120 was applied to certain drums generated in 1998 because of the temporary use of vanadium pentoxide for about six months in that year. Based upon investigation into the way the material was handled, this code is not assigned to this waste stream. A P120 assignment would be used only if waste resulted from spillage of this material or from disposal of un-reacted/unspent material. No un-reacted/unspent material was disposed of in TRU waste drums. In addition, no significant spill of this material occurred. If a spill had occurred, suitable records would exist (e.g., incident reports, waste profile forms). The absence of such documentation, coupled with information obtained through interviews of people who worked with the material, indicates that a P120 assignment is not necessary (References C061, C147, and D083).

Beryllium may be present in the waste stream, but does not meet the definition of a P015-listed waste. Available AK did not identify beryllium powder as a constituent in this waste stream. During processing within P/S Codes PU and PUB, beryllium from Pu-Be sources is dissolved with the plutonium in acid, and after dissolution, the beryllium is either precipitated or in the contaminated solution is sent to the RLWTF at TA-50. The precipitate is not included in this waste stream. Beryllium from metal operations, in general, is in the form of classified shapes and is therefore not in this waste stream. In some cases, beryllium turnings are generated during machining operations. However, these turnings are not expected to be in this homogeneous waste

stream. The beryllium contaminated waste from the material reclamation process was debris and would also not be in this waste stream. Individual containers in waste stream LA-CIN01.001 will contain less than one weight percent beryllium (References 14, C121, C122, C147, C156, and M283).

Hydrofluoric acid was used or present in the facility and operations potentially contaminating the cemented TRU waste; however, a U134 HWN assignment would only be applicable if the waste resulted from a spill or disposal of unused material. There is no documented spill of this material present. In addition, there is no record of unused hydrofluoric acid being disposed of in this waste stream (References C121, C155, D002, and D025).

Waste stream LA-CIN01.001 does not contain and is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof. Constituents identified were further researched and a determination was made that waste does not meet the definition of a listed waste in 40 CFR 261.33 (Reference 15). The material in this waste stream is not hazardous from specific sources since it is not generated from any of the processes listed in 40 CFR 261.32 (Reference 15). Therefore, this waste stream is not a K-, P-, or U-listed waste stream (Reference C121).

6.4.3.3 Toxicity Characteristic Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the cemented TRU waste, LA-CIN01.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24 (Reference 15) as summarized in Section 5.4.3.1, Table 9. Where a constituent is identified and there is no quantitative data available to demonstrate that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to the waste stream. The AK also identified the potential presence of organic toxicity characteristic compounds that are assigned the more specific F-listed EPA HWNs. Although these organic characteristic compounds are covered by the assignment of the F-listed EPA HWNs, the toxicity characteristic EPA HWNs are also assigned to the waste stream for consistency with historical site waste coding. Waste stream LA-CIN01.001 is assigned the following HWNs: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040 (References C121, C147, D050, and D083).

6.4.3.4 Ignitables, Corrosives, and Reactives

The homogeneous material in waste stream LA-CIN01.001 does not meet the definition of ignitability as defined in 40 CFR 261.21 (Reference 15). Ignitable chemicals (e.g., acetone, hexane) are used or present in the facility and operations potentially contaminating this waste stream. However, D001 (ignitability) does not apply to because: (a) the solid waste is not liquid, and verification that there are no prohibited

liquids in the waste is performed prior to certification; (b) the solid waste does not spontaneously ignite at standard pressure and temperature through friction, absorption of moisture, or spontaneous chemical changes; (c) the solid waste is not an ignitable compressed gas; and (d) there are no oxidizers present that can stimulate combustion. For example, evaporator salts (i.e., nitrate salts) solidified/stabilized in cement would not stimulate combustion and; therefore, would not meet the definition of an oxidizer. The materials in the waste stream are therefore not ignitable wastes (D001) (References C121, C147, C201, C203, D071, D083, P096, P102, and P187).

The homogeneous material in waste stream LA-CIN01.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 15). Corrosive chemicals (e.g., hydrofluoric acid, nitric acid, potassium hydroxide, sodium hydroxide) are used or present in the facility and operations potentially contaminating this waste stream. However, D002 (corrosivity) does not apply because the solid waste is not a liquid, and verification that there are no prohibited liquids in the waste is performed prior to certification. The materials in the waste stream are therefore not corrosive wastes (D002) (References C121, C147, C194, D071, D083, P096, and P102).

The homogeneous material in waste stream LA-CIN01.001 does not meet the definition of reactivity as defined in 40 CFR 261.23 (Reference 15). Reactive chemicals (e.g., perchloric acid, sodium metal) are used or present in the facility and operations potentially contaminating this waste stream. However, D003 (reactivity) does not apply because the waste is stable and will not undergo violent chemical change without detonating. The waste will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The waste does not contain reactive cyanide or sulfide compounds. There is no indication that the waste contains explosive materials, and it is not capable of detonation or explosive reaction. The materials in the waste stream are therefore not reactive wastes (D003) (References, C121, C147, C201, C202, D071, and D083).

Controls have also been in place to ensure the exclusion of ignitable, corrosive, and reactive constituents. Section 5.4.3.4 provides a detailed list of TA-55 controls that apply to all waste streams. In addition, the absence of prohibited items is verified through RTR of each waste container (References D037, D041, D049, D083, P090, P096, P097, P102, and P165).

6.4.3.5 Polychlorinated Biphenyls (PCBs)

Based on documentation in procedures reviewed during the AK investigation and summarized in lists of inputs documented in the TA-55 process reports, no sources of PCBs are introduced into waste stream LA-CIN01.001. In the cement fixation operation (P/S Codes CF and HP), oils are sometimes added to drums of cemented waste. They are added to the 55-gallon drums of cement in small quantities (maximum of six liters). The oils are primarily vacuum pump oils, along with some oils used in heat-treating

(cooking or silicone oils) or in grinding. None of these oils are known to contain PCBs. All transformers known to contain PCBs have been tracked from initiation of recovery operations. When any transformer oil is drained, the oil is handled by a subcontractor who is wholly responsible for its disposal; this oil does not enter the LANL disposal operations. Therefore, this waste stream is not regulated as a TSCA waste under 40 CFR 761 (References 18, C096, C147, C201, D080, D083, P012, and P162).

6.4.3.6 Flammable Volatile Organic Compounds

The cement fixation process immobilizes aqueous and organic liquids with low plutonium concentrations, evaporator bottoms, and salts in cement. Based on review of AK relative to chemicals used or present in TA-55, trace quantities of Flammable Volatile Organic Compounds (FVOCs) may be present in the materials prior to processing and therefore an evaluation of potential FVOC concentrations was performed.

The cement fixation process primarily immobilizes the materials listed above; however, historically filtered solids and fines were also sometimes cemented, but this is no longer done. Reagents used during this operation include cement accelerator, gypsum cement, nitric acid (pH adjustment), organic liquid emulsifier, Portland cement, silicone defoamer, sodium citrate retarder, sodium hydroxide, and phthalate and phosphate buffer solutions for pH meter calibration. The waste materials were adjusted to a specific pH and stirred directly with gypsum or Portland cement into a one-gallon can inside the glovebox or 55-gallon drum attached to the glovebox. The cement fixation process is performed in a closed system, which prevents any introduction of extraneous material such as flammable compounds (References C171, C200, D008, D036, and D078).

The estimated waste weight percentages for inorganic waste materials (solidified inorganic and organic materials and one-gallon cans) and organic waste materials (rigid polyethylene liners) for this waste stream are 99.39 percent and 0.61 percent, respectively. In addition, the results of available headspace gas sampling and analysis of 50 drums in this waste stream indicated that FVOCs are not present in significant amounts. The total FVOCs measured for each of the drums is well below 500 ppm. Based on the final waste form and sample data, containers in waste stream LA-CIN01.001 are not expected to exceed a total FVOC concentration of greater than or equal to 500 ppm (References 8 and C184).

6.4.4 Prohibited Items

6.4.4.1 Compressed Gases, Liquids, Nonradionuclide Pyrophorics, Sealed Containers > Four Liters In Volume, >1 Percent Radionuclide Pyrophorics, and >200 mrem/hr Waste

Refer to Section 5.4.4.1 for a detailed evaluation of compressed gases, liquids, nonradionuclide pyrophorics, sealed containers greater than four liters in volume, >1 percent radionuclide pyrophorics, and >200 mrem/hr waste in TA-55 waste streams.

6.4.4.2 Remediation Of Prohibited Items

Prohibited items are known to be present. Procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until WIPP certification procedures were implemented. In addition, the potential for prohibited quantities of liquid due to dewatering is anticipated. Lead shielding is used to increase handling safety, and thick shielding can obscure RTR observations (References C142, C143, D050, D083, and U005).

Prohibited items are detected by RTR and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged, during which time liquids are absorbed, sealed containers greater than four liters are opened, and other items removed and segregated if necessary prior to certification and shipment. Some secondary waste generated during remediation and repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C177, D083, M316, P154, P158, and P203).

6.5 Waste Packaging

Waste packaging procedures for waste streams have been modified several times since the beginning of plutonium operations in PF-4 and containers in this waste stream include a variety of configurations with up to six layers of confinement. Historically cemented TRU waste could have been packaged in a vented 30-gallon drum. However, it is expected that cemented TRU waste from waste management operations would usually be packaged into a DOT 7A, Type A 55-gallon steel drum. Waste may be placed into plastic bags and mixed with cement (e.g., Portland cement) and water by hand-kneading. After cementation the bags were placed in cans and loaded into 55-gallon drums. Waste may be mixed with cement directly in cans and packaged into a 55-gallon drum with up to two plastic liner bags ranging from 5-mil to 12-mil. The typical arrangement of cans in the drum was five layers with each layer containing seven cans for a total of 35 cans. However, more or less cans could be present in a 55-gallon drum. The arrangement varied including placing inner cans with cement into larger cans and/or plastic bags. Cans with americium oxide were placed in the center of the drum. The inner cans were typically one-gallon in size; however, cans ranging in size from one quart to five gallon cans were used. The inner cans may include slip-top (also referred to as slip-fit) lids or tabbed pry-off lids with or without tape used to secure

the lid. The inner cans may or may not include shielding (e.g., lead liner). Waste may also be mixed with cement in a 90-mil/125-mil rigid polyethylene liner and packaged in a 55-gallon drum with up to two plastic liner bags. A cemented can of americium oxide could be included in the drum and it would be placed approximately midway down into the cement. However, personnel involved in the packaging of cemented waste believe this option was never used. When the drum was full the plastic liner bags were closed using the twist and tape method or the twist, tie, and tape method. The above packaging configurations typically, but not always, included 1/16-inch thick shielding (e.g., lead liner). The shielding (e.g., lead liner) consisted of two 1/16 inch thick discs, placed at the top and bottom of a 1/16-inch thick lead sheet fitted to the inside of the drum wall. If necessary, one or more 2-inch thick Styrofoam discs were placed on top of the outer plastic liner bag as bracing for the top circular lead disc (References C140, C226, C228, D041, D083, M252, P090, P152, P153, P179, P188, and U005).

Since 1995, several changes have been introduced to the packaging procedures. Liner bags could still be present, but they are typically closed by folding, not by taping. All waste packages (i.e., drums) are vented with approved filter vents prior to disposal (e.g., Nucfil-013). Since 1997, plastic bags with filters are typically used (References P091, P152, P153, P164, P166, P167, P168, P169, P178, and U005).

Beginning in 2006, several additional changes were introduced to the packaging procedures. The waste is still mixed with cement in a rigid polyethylene liner which is contained in a single plastic liner bag. A plastic bag skirt of the same material is attached to the rigid polyethylene liner on the inside of the drum-out bag for contamination control. The bag skirt is pushed down into the container once the mixing is complete to expose a clean drum-out bag. The drum-out bag is gathered into a tight bundle, sealed (e.g., with tape, plastic cable ties), and cut to remove the drum from the glovebox. Cemented waste is no longer packaged with a 1/16-inch thick shielding (e.g., lead liner) and Styrofoam discs. Remediated/repackaged waste may be packaged with or without a single plastic liner bag with one of the following drum configurations depending on the remediation facility: no liner, a fiberboard liner, a POC, or a 90-/125-mil rigid polyethylene liner without lid. Waste placed into a POC may be packaged into a single filtered plastic bag which may include a fiberboard liner/sleeve inside the plastic bag. POCs contain a pipe component in a 55-gallon drum that is lined with a punctured rigid liner with packing material between the pipe component and liner (References C164, P159, P171, P172, P175, and P195).

During waste management and drum storage activities following initial waste generation, 55-gallon drums have been overpacked larger drums (i.e., 85-gallon drums or larger) or SWBs to correct/address external contamination, FGE limits, and drum integrity problems such as pin hole corrosion, dents, etc. If drums are overpacked in an SWB (up to four 55-gallon), no closed liner bags are used in the SWB (References C138, D018, D024, D068, M222, P092, P098, P117, P158, P166, and P167).

RTR will confirm waste stream TRUCON code LA126/226. However, TRUCON code LA114/214 has been identified as suitable for individual containers in this waste stream. This TRUCON code may be assigned for the eventual certification and transportation of payload containers in this waste stream pending further evaluation by the Waste Certification Official of container-specific information. Vent dates for individual containers are provided in the AK Tracking Spreadsheet (References 9, 14, C002, C138, and M296).

7.0 REQUIRED WASTE STREAM INFORMATION: LA-MIN02-V.001

This section presents the mandatory waste stream AK required by the WIPP-WAP (Reference 1). Attachment 1 of CCP-TP-005 (Reference 8) provides a list of the TRU waste stream information required to be developed as part of the AK record.

7.1 Area and Building of Generation

All of the absorbed waste covered by this report originated from TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in Section 4.4. Container-specific records are reviewed for each container to verify the physical composition and origin of the waste stream inventory (References C154, C181, M222, and M242).

7.2 Waste Stream Volume and Period of Generation

Waste stream LA-MIN02-V.001 is mixed absorbed waste generated from 1980 to present. Table 14, LA-MIN02-V.001 Approximate Waste Stream Volume, summarizes the current volume of this waste stream. The future projection of additional generation of this waste stream is approximately 0.21 cubic meters per year. There is no projected end date for the termination of operations that generate this waste stream (References C152, C154, C181, C232, C235, D041, M222, and M242).

Table 14. LA-MIN02-V.001 Approximate Waste Stream Volume

Containers	Volume (cubic meters)
450 55-gallon drums (includes POCs)	94.5
4 85-gallon drums	1.28
1 SWB	1.88
455 Total	97.66

7.3 Waste Generating Activities

Absorbed waste is generated by or originated from materials used during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in detail in Section 4.4 and includes (References D041 and D083):

- Preparing ultra-pure plutonium metals, alloys, and compounds
- Preparing (on a large scale) specific alloys, including casting and machining these materials into specific shapes

- Determining high-temperature thermodynamic properties of plutonium
- Reclaiming plutonium from scrap and residues produced by numerous feed sources
- Disassembling components for inspection and analysis
- Manufacturing of parts on a limited basis
- Processing mixtures of plutonium and uranium oxides for reactor fuels
- Pu-238 generator and heat source R&D, fabrication, testing, and recycling

7.4 Type of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, WMPs, radionuclide contaminants, and RCRA hazardous waste determinations for waste stream LA-MIN02-V.001. The waste stream is characterized based on knowledge of the materials, knowledge of the operations generating the waste, and physical descriptions of the waste.

7.4.1 Material Input Related to Physical Form

Waste stream LA-MIN02-V.001 consists primarily of inorganic particulate waste generated in TA-55. The waste is largely comprised of TRU waste such as liquids and solids absorbed or mixed with absorbent (e.g., Ascarite II [sodium hydroxide coated silicate], diatomaceous earth [silica and quartz], kitty litter [clay], vermiculite [hydrated magnesium aluminum iron silicate], and/or zeolite [aluminosilicate mineral]). Examples of absorbed liquids include acids (e.g., hydrochloric acid, hydrofluoric acid, and nitric acid); carbon tetrachloride; ethylene glycol; kerosene; methanol; methylene chloride; silicone based liquids (e.g., silicone oil); tetrachloroethylene; tributyl phosphate; trichloroethylene; and various types of oils including hydraulic, vacuum pump, grinding, and lapping (mixture of mineral oil and lard). Solids mixed with absorbents are typically evaporator salts (i.e., nitrate salts). The waste is also expected to contain heavy metals such as cadmium, chromium, and lead. Liquids and solids not absorbed or mixed with absorbent are often cemented and disposed of separately in waste stream LA-CIN01.001. A small fraction of debris waste (less than 50 percent by volume) including plastic packaging, metal packaging, lead (e.g., shielding), PPE, and metal fines may also be present. Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces)

(References C005, C035, C080, C094, C150, C177, C232, D007, D025, D032, D036, D041, D080, D083, M064, M142, M242, M286, and M316).

7.4.1.1 Waste Matrix Code

Based on the evaluation of the materials contained in this waste stream and LANL waste management practices, this waste stream is comprised of greater than 50 percent by volume of absorbed waste. Therefore, Waste Matrix Code S3110, Inorganic Particulate Waste, is assigned to waste stream LA-MIN02-V.001 (References 2, C154, D041, D083, M222, and M242).

7.4.1.2 Waste Material Parameters

The WMPs for waste stream LA-MIN02-V.001 were based on the descriptions of waste packaged into 339 containers. This waste stream is greater than 50 percent by volume of absorbed waste (References C154, C232, D041, D083, M222, and M242).

The WMPs for 49 containers were calculated assuming that approximately one gallon of absorbed waste was placed into either a 5-mil plastic bag or a one-gallon can, and subsequently placed in a bag-out bag prior to being placed in a drum. A conservative approach was taken with respect to the absorbed liquid. Unless specified otherwise, the liquid absorbed was assumed to be an organic matrix. Vermiculite, for example, is known to absorb approximately 250 percent of its weight in liquid; therefore, the vermiculite/organic matrix would be considered to be greater than 50 percent organic matrix. The WMPs for 290 containers were calculated assuming a 1 to 1.5 ratio of evaporator salts (i.e., nitrate salts) mixed with an inorganic absorbent material (e.g., zeolite, kitty litter). The average weights of absorbed waste, metal cans, and bag-out bags were used in the calculations. Average, minimum, and maximum WMP weight percentages were calculated using this data. These calculations conclude that the relative waste weight percentages for organic waste materials (primarily absorbed organic liquids and plastic bags) and inorganic waste materials (primarily absorbed inorganic solids and steel cans for waste stream LA-MIN02-V.001 are 15.13 percent and 84.87 percent, respectively. The results of the assessment are presented in Table 15, Waste Stream LA-MIN02-V.001 Waste Material Parameter Estimates.

The statistical analysis of the data is documented in a memorandum (included with Attachment 6) as required by CCP-TP-005 (Reference 8).

Table 15. Waste Stream LA-MIN02-V.001 Waste Material Parameter Estimates

Waste Material Parameter	Avg. Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	4.65%	0.00% – 9.17%
Aluminum-based Metals/Alloys	0.00%	0.00% – 0.00%
Other Metals	0.00%	0.00% – 0.00%
Other Inorganic Materials	0.00%	0.00% – 0.00%
Cellulosics	0.00%	0.00% – 0.00%
Rubber	0.00%	0.00% – 0.00%
Plastics (waste materials)	4.57%	2.90% – 14.37%
Organic Matrix	10.56%	0.00% – 73.09%
Inorganic Matrix	80.22%	0.00% – 93.20%
Soils/Gravel	0.00%	0.00% – 0.00%
Total Organic Waste Avg.	**15.13%**	
Total Inorganic Waste Avg.	**84.87%**	

7.4.2 Radiological Characterization

7.4.2.1 Pu-238, Pu-239, Pu-240, Pu-241, and Pu-242

The primary plutonium material type inputs for the plutonium recovery process are listed in Section 5.4.2.2, Table 3. However, other MTs are occasionally introduced as feed material. The assignment of MTs is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex (References C186, C194, C209, C219, C222, D025, D073, D074, D076, D080, D083, M222, M283, M295, and M309).

Recovery operations are not expected to alter the plutonium isotopic ratios of the feed material. The material type used in the operation generating each waste item is documented on generator records; however, cross-contamination of equipment with different material types can lead to variable material types detected by radioassay (References D025, M222, and M242).

The primary MT that feeds into the Pu-238 operations described in this report is heat source grade plutonium (MT 83), and these operations are not expected to alter the plutonium isotopic ratios of the feed material. Section 5.4.2.2, Table 3, identifies the isotopic distribution of MT 83 based on 100 isotopic analyses which were decay corrected assuming the material was not chemically separated for 45 years (References C125, C186, C194, C209, C219, C222, D073, D074, D076, D080, D083, M283, M295, and M309).

7.4.2.2 U-233, U-234, U-235, and U-238

U-233 and U-238 are not normally components of the plutonium MTs handled at PF-4. U-235 is present from the decay of Pu-239 only at 0.1 percent by weight of the total plutonium content. However, all three isotopes have been introduced as special material. In addition, uranium-plutonium oxide mixtures have been processed to recover the plutonium. Significant quantities of U-234 will be present from the decay of Pu-238 in waste originating from heat source plutonium operations (References C222, D025, and D076).

In general, uranium and its isotopes are expected to be present only at trace levels, if at all, if the feed material did not purposely contain uranium. However, some reactor fuel development, uranium-plutonium separation, and pit disassembly operations have uranium material as the feed material. The primary uranium MT inputs are listed in Section 5.4.2.2, Table 4 (Reference D080).

U-234 content must be estimated since this isotope cannot be reliably measured using NDA techniques (Reference C001). The MT provides the basis for estimating an upper bound for U-234 based on the rate of decay of the precursor, Pu-238, and the assumption that there is no other source of uranium in the waste material. The content of U-234 in the Pu-239 MTs is calculated as the sum of the contributions expected from decay of Pu-238 and from uranium input to the operation, with the value of 0.014 conservatively used for the ratio of abundances of U-234 to U-235 in typical uranium MTs. The standard uranium MTs provide an estimate of the ratio of U-234 to U-235 where one of the MTs listed in Section 5.4.2.2, Table 4, is an indicated MT in the waste container (References D025 and D083).

7.4.2.3 Am-241

AK on the MT inputs provides the basis for estimating an upper bound for Am-241 content based on the rate of decay of the precursor, Pu-241. The purpose of such bounding calculations is to provide a basis for identifying significant enrichment or depletion of Am-241 based on radioassay results for individual waste containers. The calculations assume that (a) none of these isotopes were initially present in the material, (b) the oldest plutonium material in inventory dates back to January 1, 1960, and (c) the legacy waste was packaged on January 1, 1996, making it 36 years old at that time. In general, wastes from the plutonium recovery process are enriched with Am-241 because a primary intent of the recovery process is to reduce the americium content of the retained plutonium (References C222, D025, and D083).

No correlation is expected among the different radioelements, Pu, Np, U, Pa, or Am. The differences in valence states and chemical affinities among these elements are expected to result in substantial fractionation during several recovery operations, including ion exchange, solvent extraction, hydroxide precipitation, and dissolution (References D025 and D083).

7.4.2.4 Other Radionuclides Present Due to Decay

Other radionuclides will be present in most of the wastes from the decay of a plutonium isotopic precursor or as a contaminant in the feed material. Refer to Section 5.4.2.4 for a discussion of Np-237, Am-243, Pa-231, and Ac-227 decay products (References C067, C073, C208, C209, D025, D080, and D083).

7.4.2.5 Cs-137 and Sr-90

Cs-137

Cs-137 is a product of the spontaneous fission of Pu-238, Pu-239, and especially Pu-240. Cs-137 is also a trace contaminant in purified plutonium from the production reactors (References C067 and C073). In the latter case, the remaining cesium could be on the order of 0.5 ng/g plutonium. In the former instance the formation of Cs-137 due to spontaneous fission would lead to about 0.4 pg/g plutonium in plutonium that is 10 years old. Because Cs-137 due to spontaneous fission is about a factor of a thousand less than that due to residual contamination from the original separation on the production fuel, the latter is the dominant source of cesium in waste (References C208, C209, D025 and D083).

Sr-90

Based on interviews with an SME, no spent nuclear fuel or other material containing Sr-90 were introduced into the TRU waste streams (Reference C076). No references or procedures related to spent fuel processing were located in the AK investigation of records. No generator documents (i.e., WODF, DWLS, TWSR, and WPF) identified spent fuel or Sr-90 as inputs or as present in the waste. During review of WPFs and database records from the waste storage facility (TA-54), use of material containing Sr-90 was not identified (References C154 and C208). However, because of the requirement that an estimate of Sr-90 content be made, the following approach is taken. In plutonium production runs, Cs-137 and Sr-90 are produced at approximately the same level. These two nuclides have very similar half-lives (~ 30 y) and will therefore be present at roughly the same activity level prior to commencement of any processing operations. If it is assumed that strontium and cesium are not fractionated from one another during chemical processing, Cs-137 may be used as a marker for Sr-90 activity at a ratio of 1:1 (References D025 and D083).

7.4.2.6 Other Radionuclides Introduced as Feed Material

Refer to Section 5.4.2.6 and Table 5 for a discussion of secondary radionuclides that are also present in this waste stream due to operations involving feed materials other than plutonium. The list of radionuclides includes Ac-227, Am-241, Am-243, Ce-144, Cm-244, Np-237, Pa-231, Pu-238, Th-230, Th-232, U-233, U-235, and U-238 (References C067, C076, C108, D025, and D083).

7.4.2.7 Estimated Predominant Isotopes and 95 percent Total Activity

Radionuclide data established by the PF-4 waste generator on a container basis and container data from the Area G waste storage records were evaluated to determine the relative radionuclide weight and activity for waste stream LA-MIN02-V.001. This evaluation was performed using the data for the containers in this waste stream (if a container was repackaged, then the data from the parent container was used). From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and U-238 while over 95 percent of the total activity is from Pu-239, Pu-240, and Pu-241. It should be noted that although U-238 is the most prevalent radionuclide by mass in the waste stream, U-238 was reported in only 12 containers. Table 16, Estimated Radionuclide Distribution in LA-MIN02-V.001, identifies the relative radionuclide weight and activity percent of expected radionuclides over the entire waste stream based on the container data evaluated. Radiological data was available for all of the waste in this waste stream. However, some of the containers list "zero" assay values. It is not known why the zero assay values are listed. This could indicate that assay was not performed on these containers although they were managed as TRU waste. It could also indicate low assay containers that did not contain activity levels above the lower limit of detection. Finally, it could indicate measured or estimated plutonium mass values below 0.5 grams. As illustrated in Table 16, the radionuclide weight percent of individual radionuclides varies on a container-by-container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream (References C154, C181, C232, C235, D041, M242, and M307).

7.4.2.8 Use of Radionuclide Isotopic Ratios

For waste containers where direct measurement does not yield useable isotopic ratio information, AK may be used to supplement direct measurement data in accordance with the WIPP-WAC (Reference 3). The ratios that may be used are those identified in Section 5.4.2.2, Tables 3 and 4, in conjunction with the corresponding nuclear material type identified by the waste generator on a container basis. The specific use and confirmation of AK related to WIPP-certified assay measurements of containers in this waste stream is documented in the memorandum written in accordance with the requirements of CCP-TP-005 (Reference 8).

Table 16. Estimated Radionuclide Distribution in LA-MIN02-V.001

Radionuclide	Total Nuclide Weight%[1,5]	Total Nuclide Curie%[2,5]	Nuclide Wt% Range for Individual Containers[3,5]	Nuclide Ci% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides					
Am-241	Trace	0.05%	0 - 7.64%	0 - 2.43%	Yes
Pu-238	0.01%	1.14%	0 - 83.75%	0 - 97.63%	Yes
Pu-239	**23.19%**	**17.32%**	0 - 95.29%	0 - 25.16%	Yes
Pu-240	1.63%	**4.45%**	0 - 16.49%	0 - 4.88%	Yes
Pu-242	0.04%	Trace	0 - 35.97%	0 - 0.17%	Yes
U-233[6]	Not Reported				
U-234	Trace	Trace	0 - Trace	0 - Trace	Yes
U-238	**74.80%**	Trace	0 - 99.32%	0 - Trace	Yes
Sr-90	Trace	Trace	0 - Trace	0 - Trace	Yes
Cs-137	Trace	Trace	0 - Trace	0 - Trace	Yes
Additional Radionuclides					
Np-237	Trace	Trace	0 - 1.45%	0 - Trace	Yes
Pu-241	0.06%	**77.04%**	0 - 1.18%	0 - 92.46%	Yes
Pu-244	Trace	Trace	0 - Trace	0 - Trace	Yes
U-235	0.26%	Trace	0 - 21.07%	0 - Trace	Yes
U-236	Trace	Trace	0 - Trace	0 - Trace	Yes

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity percent for that radionuclide.
6. Radionuclides not reported but suspected present from secondary radionuclides or decay.

7.4.3 Chemical Content Identification – Hazardous Constituents

Waste stream LA-MIN02-V.001 has historically been managed in accordance with the generator site requirements and in compliance with the requirements of the New Mexico Environmental Department. Based on historical waste management and LANL's TRU Program (Reference LANL waste stream LA-MIN02-V), the containers in this waste stream were managed as hazardous and assigned the same EPA HWNs as the debris waste stream (except for HWN D028 discussed below) including arsenic (D004), (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), 1,2-dichloroethane (D028), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), trichloroethylene (D040), and F-listed solvents (F001, F002, F003, and F005). A review of available AK documentation has determined that this waste is hazardous for the above constituents, and with the exception of D028 and F003, the HWNs were retained. An evaluation was performed of existing TA-55 AK source documentation and no use of 1,2-dichloroethane (D028) was identified. This HWN is also not assigned to any other TA-55 waste streams. LANL waste stream LA-MIN02-V originally included containers from the CMR

Facility at TA-3 and HWN D028 is believed to be associated with this facility only. HWN F003 was not assigned because the waste stream does not exhibit the characteristic of ignitability. The following sections describe the characterization rationale for the assignment of EPA HWNs. Table 17, Waste Stream LA-MIN02-V.001 Hazardous Waste Characterization Summary, summarizes the EPA HWNs assigned to this waste stream. The HWN assignments have been applied on a waste stream basis; individual containers may not contain all of the hazardous material listed for the waste stream as a whole (Reference C121, C155, and D083).

Table 17. Waste Stream LA-MIN02-V.001 Hazardous Waste Characterization Summary

Waste Stream	EPA HWNs
LA-MIN02-V.001	F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040

Chemical constituents of inputs are compiled from chemical lists contained in procedures and from SME input. In this section, discussion of the chemical inputs is divided into the following categories (References C121, C155, and C197):

- Process feed materials
- Chemical Identification and Use

Section 5.4.3, Table 8, provides a summary of the special nuclear material feed materials processed by the operations described in this report.

7.4.3.1 Chemical Inputs

To assign EPA HWNs, the available AK documentation is reviewed to assess chemical usage in the TA-55 PF-4 operations contributing to waste stream LA-MIN02-V.001, and potentially hazardous materials that may have been introduced into the waste stream. In addition, MSDSs are obtained for the commercial products to determine the presence of potentially regulated compounds. As described in Section 5.4.3.1, Table 9, several of the HWNs are assigned due to lack of analytical evidence that these constituents have not exceeded the regulatory thresholds. The chemical inputs identified in Table 9 are used during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. This waste is largely comprised of liquids and solids generated or contaminated from these operations absorbed or mixed with absorbent. Therefore, these constituents have the potential to contaminate this waste stream.

7.4.3.2 F-, K-, P-, and U-Listed Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the absorbed waste, LA-MIN02-V.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 CFR 261.31 (Reference 15). As shown in Section 5.4.3.1, Table 9, F001, F002, F003, and F005 listed solvents are utilized and potentially contaminate the waste. F003 constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, and xylene, are listed solely because these solvents are ignitable in the liquid form. The waste stream does not exhibit the characteristic of ignitability and therefore F003 is not assigned. Waste stream LA-MIN02-V.001 is assigned F-listed EPA HWNs F001, F002, and F005 for potential 1,1,1-trichloroethane, benzene, carbon tetrachloride, chlorobenzene, Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane), methylene chloride, methyl ethyl ketone, pyridine, tetrachloroethylene, toluene, and trichloroethylene contamination (References C121, C155, and D083).

At one time, HWN P120 was applied to certain TRU drums generated in 1998 because of the temporary use of vanadium pentoxide for about six months in that year. Based upon investigation into the way the material was handled, this code is not assigned to this waste stream. A P120 assignment would be used only if waste resulted from spillage of this material or from disposal of un-reacted/unspent material. No un-reacted/unspent material was disposed of in TRU waste drums. In addition, no documented spill of this material occurred. If a spill had occurred, suitable records would exist (e.g., incident reports, waste profile forms). The absence of such documentation, coupled with information obtained through interviews of people who worked with the material, indicates that a P120 assignment is not necessary (References C061, C155, and D083).

Beryllium may be present in the waste stream, but does not meet the definition of a P015-listed waste. Available AK did not identify beryllium powder as a constituent of this waste stream. During processing within P/S Codes PU and PUB, beryllium from Pu-Be sources is dissolved with the plutonium in acid, and after dissolution, the beryllium is either precipitated or the contaminated solution is sent to the RLWTF at TA-50. The precipitate is not included in this waste stream. Beryllium from metal operations, in general, would be in the form of classified shapes and would therefore not be in this waste stream. In some cases, beryllium turnings are generated during machining operations. However, these turnings are not expected to be in this homogeneous waste stream. The beryllium contaminated waste from the material reclamation process was debris and would also not be in this waste stream. Individual containers in waste stream LA-MIN02-V.001 will contain less than one weight percent beryllium (References 14, C121, C122, C155, C156, and M283).

Hydrofluoric acid was used or present in the facility and operations potentially contaminating the absorbed waste; however, a U134 HWN assignment would only be applicable if the waste resulted from a spill or disposal of unused material. There is no documented spill of this material present. In addition, there is no record of unused hydrofluoric acid being disposed of in this waste stream (References C121, C155, D002, and D025).

Waste stream LA-MIN02-V.001 does not contain and is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof. Constituents identified were further researched and a determination was made that waste does not meet the definition of a listed waste in 40 CFR 261.33 (Reference 15). The material in this waste stream is not hazardous from specific sources since it is not generated from any of the processes listed in 40 CFR 261.32 (Reference 15). Therefore, this waste stream is not a K-, P-, or U-listed waste stream (References C121 and C155).

7.4.3.3 Toxicity Characteristic Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the absorbed waste, LA-MIN02-V.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24 (Reference 15) as summarized in Section 5.4.3.1, Table 9. Where a constituent is identified and there is no quantitative data available to demonstrate that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to the waste stream. The AK also identified the potential presence of organic toxicity characteristic compounds that are assigned the more specific F-listed EPA HWNs. Although these organic characteristic compounds are covered by the assignment of the F-listed EPA HWNs, the toxicity characteristic EPA HWNs are also assigned to the waste stream for consistency with historical site waste coding. Waste stream LA-MIN02-V.001 is assigned the following HWNs: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040 (References C121, C155, and D083).

7.4.3.4 Ignitables, Corrosives, and Reactives

The homogeneous waste in waste stream LA-MIN02-V.001 does not meet the definition of ignitability as defined in 40 CFR 261.21 (Reference 15). Ignitable chemicals (e.g., acetone, hexane) are used or present in the facility and operations potentially contaminating this waste stream. However, D001 (ignitability) does not apply because: (a) the solid waste is not liquid, and verification that there are no prohibited liquids in the waste is performed prior to certification; (b) the solid waste does not spontaneously ignite at standard pressure and temperature through friction, absorption of moisture, or spontaneous chemical changes; (c) the solid waste is not an ignitable compressed gas; and (d) there are no oxidizers present that can stimulate combustion. Prior to 1992, some nitrate salts below the DL were not sent to cement fixation for immobilization but

were packaged as waste. LANL has determined that these salts do not meet the definition of a DOT oxidizer (i.e., they would not stimulate combustion). However, the salts are being remediated/repackaged in the WCRR Facility with an inert absorbent material (e.g., zeolite, kitty litter). The minimum inert absorbent material to nitrate salts mixture ratio is 1.5 to 1. LANL has determined that nitrate salts, when mixed with inert absorbent material, would further support the managing of the waste as non-ignitable. This determination is based on the results of oxidizing solids testing performed by the Energetic Materials Research and Testing Center. The materials in the waste stream are therefore not ignitable wastes (D001) (References C121, C155, C201, C203, C230, C231, D071, D083, D089, D090, D091, P096, P102, P187, and P198).

The homogeneous material in waste stream LA-MIN02-V.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 15). Corrosive chemicals (e.g., hydrofluoric acid, nitric acid, potassium hydroxide, sodium hydroxide) are used or present in the facility and operations potentially contaminating this waste stream. However, D002 (corrosivity) does not apply because the solid waste is not a liquid, and verification that there are no prohibited liquids in the waste is performed prior to certification. The materials in the waste stream are therefore not corrosive wastes (D002) (References C121, C155, C194, D071, D083, P096, and P102).

The homogeneous waste in waste stream LA-MIN02-V.001 does not meet the definition of reactivity as defined in 40 CFR 261.23 (Reference 15). Reactive chemicals (e.g., perchloric acid, sodium metal) are used or present in the facility and operations potentially contaminating this waste stream. However, D003 (reactivity) does not apply because the waste is stable and will not undergo violent chemical change without detonating. The waste will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The waste does not contain reactive cyanide or sulfide compounds. There is no indication that the waste contains explosive materials, and it is not capable of detonation or explosive reaction. The materials in the waste stream are therefore not reactive wastes (D003) (References 15, C121, C155, C201, C202, D071, and D083).

Controls have also been in place to ensure the exclusion of ignitable, corrosive, and reactive constituents. Section 5.4.3.4 provides a detailed list of TA-55 controls that apply to all waste streams. In addition, the absence of prohibited items is verified through RTR of each waste container (References D037, D041, D049, D083, P090, P096, P097, P102, and P165).

7.4.3.5 Polychlorinated Biphenyls (PCBs)

Based on documentation in procedures reviewed during the AK investigation and summarized in lists of inputs documented in the TA-55 process reports, no sources of PCBs are introduced into waste stream LA-MIN02-V.001. In the cement fixation operation (P/S Codes CF and HP), oils are sometimes added to drums of cemented

waste. They are added to the 55-gallon drums of cement in small quantities (maximum of six liters). The oils are primarily vacuum pump oils, along with some oils used in heat-treating (cooking or silicone oils) or in grinding. None of these oils are known to contain PCBs. All transformers known to contain PCBs have been tracked from initiation of recovery operations. When any transformer oil is drained, the oil is handled by a subcontractor who is wholly responsible for its disposal; this oil does not enter the LANL disposal operations. Therefore, this waste stream is not regulated as a TSCA waste under 40 CFR 761 (References 18, C096, C155, C201, D080, D083, P012, and P162).

7.4.4 Prohibited Items

7.4.4.1 Compressed Gases, Liquids, Nonradionuclide Pyrophorics, Sealed Containers > Four Liters In Volume, >1 Percent Radionuclide Pyrophorics, and >200 mrem/hr Waste

Refer to Section 5.4.4.1 for a detailed evaluation of compressed gases, liquids, nonradionuclide pyrophorics, sealed containers greater than four liters in volume, >1 percent radionuclide pyrophorics, and >200 mrem/hr waste in TA-55 waste streams.

7.4.4.2 Remediation Of Prohibited Items

Prohibited items are not expected to be present. However, the presence of prohibited quantities of liquid due to dewatering or incomplete absorption is possible. Procedures also allowed containers greater than four liters, sealed with tape, to be used for waste packaging until WIPP certification procedures were implemented. Lead shielding was used to increase handling safety, and thick shielding can obscure RTR observations (References D025 and D083).

Prohibited items are detected by RTR and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged, during which time sealed containers greater than four liters are opened, and other items removed and segregated if necessary prior to certification and shipment. Some secondary waste generated during remediation and repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C177, D083, M316, P154, P158, and P203).

7.5 Waste Packaging

Waste packaging procedures for waste streams have been modified several times since the beginning of plutonium operations in PF-4 and containers in this waste stream include a variety of configurations with up to four layers of confinement. Radioactively contaminated liquid wastes are examined to establish nuclear material content and are often treated or filtered prior to waste packaging. If the liquid is TRU and determined to be waste, it is immobilized with an absorbent (e.g., vermiculite). The minimum absorbent to liquid ratio is 3 to 1. After the liquid is absorbed, the waste is hand squeezed with a rubber glove. If any liquid is observed on the surface of the glove or the waste, more absorbent is added and the hand squeezing is repeated until the waste appears dry. Solids, typically evaporator salts (i.e., nitrate salts), are also mixed with absorbents (e.g., zeolite, kitty litter). The minimum absorbent to nitrate salts mixture ratio is 1.5 to 1. The absorbed waste is then typically placed into a plastic bag, an unsealed metal can, and/or a bottle and transferred directly into a bag-out bag (also called an inner bag) through an opening in the glovebox where the bag is attached, and the bag is then closed and detached from the glovebox. All bag closures are by the twist-and-tape method or the twist, tie, and tape method. Bagged out items are placed into a DOT 7A, Type A 55-gallon steel drum lined with either up to two 5-mil to 12-mil plastic liner bags closed with tape or one 90-mil/125-mil rigid polyethylene liner with lid (References D024, D025, D041, D083, M018, P090, P160, P161, P162, P163, P179, and P198).

Since 1995, several changes have been introduced to the packaging procedures. Up to two plastic liner bags could still be present, but they are typically closed by folding, not by taping. Waste can also be packaged in a rigid polyethylene drum liner contained in a bag-out bag which is then placed in a 55-gallon drum lined with a plastic liner bag. All waste packages (i.e., drums, SWBs) are vented with approved vents prior to disposal (e.g., Nucfil-013). Since 1997, plastic bags with filters are typically used. In addition, waste with a dose rate greater than 75 mrem/hr is placed in a lead or a tin alloy shielded container prior to packaging. Remediated/repackaged waste may be packaged with or without a single plastic liner bag with one of the following drum configurations depending on the remediation facility: no liner, a fiberboard liner, a POC, or a 90-/125-mil rigid polyethylene liner without lid. Waste placed into a POC may be packaged into a single filtered plastic bag which may include a fiberboard liner/sleeve inside the plastic bag. POCs contain a pipe component in a 55-gallon drum that is lined with a punctured rigid liner with packing material between the pipe component and liner (References C062, D025, D084, D085, P091, P159, P164, P166, P167, P168, P169, P175, P178, P195, and P198).

During waste management and drum storage activities following initial waste generation, 55-gallon drums have been overpacked into larger drums (i.e., 85-gallon drums or larger) or SWBs to correct/address external contamination, FGE limits, and drum integrity problems such as pin hole corrosion, dents, etc. If drums are overpacked in an SWB (up to four 55-gallon drums), no closed liner bags are used in the SWB (References C154, D018, D024, D068, M222, P092, P098, P117, P158, P166, and P167).

RTR will confirm waste stream TRUCON code LA112/212. However, TRUCON codes LA126/226, SQ112/212, SQ113/213, and SQ129/229 have been identified as suitable for individual containers in this waste stream. These TRUCON codes may be assigned for the eventual certification and transportation of payload containers in this waste stream pending further evaluation by the Waste Certification Official of container-specific information. Vent dates for individual containers are provided in the AK Tracking Spreadsheet (References 9, 14, C002, C154, D041, and M242).

8.0 REQUIRED WASTE STREAM INFORMATION: LA-MIN04-S.001

This section presents the mandatory waste stream AK required by the WIPP-WAP (Reference 1). Attachment 1 of CCP-TP-005 (Reference 8) provides a list of the TRU waste stream information required to be developed as part of the AK record.

8.1 Area and Building of Generation

All of the salt waste covered by this report originated from TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in Section 4.4. Container-specific records are reviewed for each container to verify the physical composition and origin of the waste stream inventory (References C172, C182, M222, and M279).

8.2 Waste Stream Volume and Period of Generation

Waste stream LA-MIN04-S.001 is salt waste generated from 1979 to present. Table 18, LA-MIN04-S.001 Approximate Waste Stream Volume, summarizes the current volume of this waste stream. The future projection of additional generation of this waste stream is approximately 22 cubic meters per year. There is no projected end date for the termination of operations that generate this waste stream (References C172, C174, C182, C236, D041, M222, and M279).

Table 18. LA-MIN04-S.001 Approximate Waste Stream Volume

Containers	Volume (cubic meters)
141 55-gallon drums (includes POCs)	29.61

8.3 Waste Generating Activities

Salt waste is generated during the purification of plutonium metal and scrap that is recovered or generated by recovery, during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations described in detail in Section 4.4 and includes (References D041 and D083):

- Preparing ultra-pure plutonium metals, alloys, and compounds
- Preparing (on a large scale) specific alloys, including casting and machining these materials into specific shapes
- Determining high-temperature thermodynamic properties of plutonium

- Reclaiming plutonium from scrap and residues produced by numerous feed sources
- Disassembling components for inspection and analysis
- Manufacturing of parts on a limited basis
- Processing mixtures of plutonium and uranium oxides for reactor fuels
- Pu-238 generator and heat source R&D, fabrication, testing, and recycling

8.4 Type of Wastes Generated

This section describes the process inputs, Waste Matrix Code assignment, WMPs, radionuclide contaminants, and RCRA hazardous waste determinations for waste stream LA-MIN04-S.001. The waste stream is characterized based on knowledge of the materials, knowledge of the operations generating the waste, and physical descriptions of the waste.

8.4.1 Material Input Related to Physical Form

Waste stream LA-MIN04-S.001 consists primarily of inorganic homogeneous solid waste (salt waste) generated in TA-55. The waste is largely comprised of salts which are a byproduct from a variety of plutonium metal purification operations including electrorefining, molten salt extraction, salt stripping, fluoride reduction, and direct oxide reduction. Salts serve as a transportation vehicle for plutonium ions and provide a trap for impurities that are driven or extracted out during the purification process. Salt waste can include varying mixtures of calcium chloride, cesium chloride, lithium chloride, magnesium chloride, potassium chloride, sodium chloride, zinc chloride, residual entrained calcium and zinc metal, and various plutonium and americium compounds. The waste may also be contaminated with solvent metals and reagent materials such as barium, bismuth, cadmium, calcium carbonate, gallium, lead, molybdenum, niobium, tantalum, titanium, tungsten, vanadium, yttrium, and zirconium. Salts can be cemented and disposed of separately in waste stream LA-CIN01.001. A small fraction of debris waste (less than 50 percent by volume) including plastic packaging, metal packaging, PPE, and MgO crucible pieces may also be present. Finally, some secondary waste generated during remediation/repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770 [sodium polyacrylate]), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., metal, plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C177, D011, D025, D028, D032, D055, D078, D080, D083, M028, M029, M130, M316, and P157).

8.4.1.1 Waste Matrix Code

Based on the evaluation of the materials contained in this waste stream and LANL waste management practices, this waste stream is comprised of greater than 50 percent by volume of salt waste. Therefore, Waste Matrix Code S3140, Salt Waste, is assigned to waste stream LA-MIN04-S.001 (References 2, C172, D041, D083, M222, and M279).

8.4.1.2 Waste Material Parameters

To estimate the WMPs for waste stream LA-MIN04-S.001, batch data reports (BDRs) were obtained from the CCP at LANL. This waste stream is greater than 50 percent by volume material that meets the criteria for salt waste (References C172 and M279).

The WMPs for waste stream LA-MIN04-S.001 were estimated by reviewing the RTR data documented in the BDRs for 35 containers packaged from February 1985 to May 2008. The RTR data provides a weight for packaged waste materials, which were categorized into one or more of the following WMPs: iron based metals/alloys, other metals/alloys, other inorganic materials (which were included under inorganic matrix), plastics, and inorganic matrix. Average, minimum, and maximum WMP weight percentages were calculated using this data. These calculations conclude that the relative waste weight percentages for organic waste materials (plastic debris) and inorganic waste materials (primarily salt and metal debris) for waste stream LA-MIN04-S.001 are 11.0 percent and 89.0 percent, respectively. The results of the assessment are presented in Table 19, Waste Stream LA-MIN04-S.001 Waste Material Parameter Estimates.

The statistical analysis of the data is documented in a memorandum (included with Attachment 6) as required by CCP-TP-005 (Reference 8).

Table 19. Waste Stream LA-MIN04-S.001 Waste Material Parameter Estimates

Waste Material Parameter	Avg. Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	21.0%	0.0 – 58.3%
Aluminum-based Metals/Alloys	0.0%	0.0 – 0.0%
Other Metals	1.3%	0.0 – 3.2%
Other Inorganic Materials	0.0%	0.0 – 0.0%
Cellulosics	0.0%	0.0 – 0.0%
Rubber	0.0%	0.0 – 0.0%
Plastic (waste materials)	11.0%	0.6 – 55.6%
Organic Matrix	0.0%	0.0 – 0.0%
Inorganic Matrix	66.7%	0.0 – 96.2%
Soils/Gravel	0.0%	0.0 – 0.0%
Total Organic Waste Avg.	**11.0%**	
Total Inorganic Waste Avg.	**89.0%**	

8.4.2 Radiological Characterization

8.4.2.1 Pu-238, Pu-239, Pu-240, Pu-241, and Pu-242

The primary plutonium material type inputs for the plutonium recovery process are listed in Section 5.4.2.2, Table 3. However, other MTs are occasionally introduced as feed material. The assignment of MTs is used to describe the isotopic composition of common blends of radioactive materials used within the DOE complex (References C186, C194, C209, C219, C222, D025, D073, D074, D076, D080, D083, M222, M283, M295, and M309).

Recovery operations are not expected to alter the plutonium isotopic ratios of the feed material. The material type used in the operation generating each waste item is documented on generator records; however, cross-contamination of equipment with different material types can lead to variable material types detected by radioassay (References D025, M222, and M279).

The primary MT that feeds into the Pu-238 operations described in this report is heat source grade plutonium (MT 83), and these operations are not expected to alter the plutonium isotopic ratios of the feed material. Section 5.4.2.2, Table 3, identifies the isotopic distribution of MT 83 based on 100 isotopic analyses and were decay corrected assuming the material was not chemically separated for 45 years (References C125, C186, C194, C209, C219, C222, D073, D074, D076, D080, D083, M283, M295, and M309).

8.4.2.2 U-233, U-234, U-235, and U-238

U-233 and U-238 are not normally components of the plutonium MTs handled at PF-4. U-235 is present from the decay of Pu-239 only at 0.1 percent by weight of the total plutonium content. However, all three isotopes have been introduced as special material. In addition, uranium-plutonium oxide mixtures have been processed to recover the plutonium. Significant quantities of U-234 will be present from the decay of Pu-238 in waste originating from heat source plutonium operations (References C222, D025, and D076).

In general, uranium and its isotopes are expected to be present only at trace levels, if at all, if the feed material did not purposely contain uranium. However, some reactor fuel development, uranium-plutonium separation, and pit disassembly operations have uranium material as the feed material. The primary uranium MT inputs are listed in Section 5.4.2.2, Table 4 (Reference D080).

U-234 content must be estimated since this isotope cannot be reliably measured using NDA techniques (Reference C001). The MT provides the basis for estimating an upper bound for U-234 based on the rate of decay of the precursor, Pu-238, and the assumption that there is no other source of uranium in the waste material. The content of U-234 in the Pu-239 MTs is calculated as the sum of the contributions expected from decay of Pu-238 and from uranium input to the operation, with the value of 0.014 conservatively used for the ratio of abundances of U-234 to U-235 in typical uranium MTs. The standard uranium MTs provide an estimate of the ratio of U-234 to U-235 where one of the MTs listed in Section 5.4.2.2, Table 4, is an indicated MT in the waste container (References D025 and D083).

8.4.2.3 Am-241

AK on the MT inputs provides the basis for estimating an upper bound for Am-241 content based on the rate of decay of the precursor, Pu-241. The purpose of such bounding calculations is to provide a basis for identifying significant enrichment or depletion of Am-241 based on radioassay results for individual waste containers. The calculations assume that (a) none of these isotopes were initially present in the material, (b) the oldest plutonium material in inventory dates back to January 1, 1960, and (c) the legacy waste was packaged on January 1, 1996, making it 36 years old at that time. In general, wastes from the plutonium recovery process are enriched with Am-241, because a primary intent of the recovery process is to reduce the americium content of the retained plutonium (References C222, D025, and D083).

No correlation is expected among the different radioelements, Pu, Np, U, Pa, or Am. The differences in valence states and chemical affinities among these elements are expected to result in substantial fractionation during several recovery operations, including ion exchange, solvent extraction, hydroxide precipitation, and dissolution (References D025 and D083).

8.4.2.4 Other Radionuclides Present Due to Decay

Other radionuclides will be present in most of the wastes from the decay of a plutonium isotopic precursor or as a contaminant in the feed material. Refer to Section 5.4.2.4 for a discussion of Np-237, Am-243, Pa-231, and Ac-227 decay products (References C067, C073, C208, C209, D025, D080, and D083).

8.4.2.5 Cs-137 and Sr-90

Cs-137

Cs-137 is a product of the spontaneous fission of Pu-238, Pu-239, and especially Pu-240. Cs-137 is also a trace contaminant in purified plutonium from the production reactors (References C067 and C073). In the latter case, the remaining cesium could be on the order of 0.5 ng/g plutonium. In the former instance the formation of Cs-137 due to spontaneous fission would lead to about 0.4 pg/g plutonium in plutonium that is 10 years old. Because Cs-137 due to spontaneous fission is about a factor of a thousand less than that due to residual contamination from the original separation on the production fuel, the latter is the dominant source of cesium in waste (References C208, C209, D025, and D083).

Sr-90

Based on interviews with an SME, no spent nuclear fuel or other material containing Sr-90 were introduced into the TRU waste streams (Reference C076). No references or procedures related to spent fuel processing were located in the AK investigation of records. No generator documents (i.e., WODF, DWLS, TWSR, and WPF) identified spent fuel or Sr-90 as inputs or as present in the waste. During review of WPFs and database records from the waste storage facility (TA-54), use of material containing Sr-90 was not identified (References C172 and C208). However, because of the requirement that an estimate of Sr-90 content be made, the following approach is taken. In plutonium production runs, Cs-137 and Sr-90 are produced at approximately the same level. These two nuclides have very similar half-lives (~ 30 y) and will therefore be present at roughly the same activity level prior to commencement of any processing operations. If it is assumed that strontium and cesium are not fractionated from one another during chemical processing, Cs-137 may be used as a marker for Sr-90 activity at a ratio of 1:1 (References D025 and D083).

8.4.2.6 Other Radionuclides Introduced as Feed Material

Refer to Section 5.4.2.6 and Table 5 for a discussion of secondary radionuclides that are also present in this waste stream due to operations involving feed materials other than plutonium. The list of radionuclides includes Ac-227, Am-241, Am-243, Ce-144, Cm-244, Np-237, Pa-231, Pu-238, Th-230, Th-232, U-233, U-235, and U-238 (References C067, C076, C108, D025, and D083).

8.4.2.7 Estimated Predominant Isotopes and 95 percent Total Activity

Radionuclide data established by the PF-4 waste generator on a container basis and container data from the Area G waste storage records were evaluated to determine the relative radionuclide weight and activity for waste stream LA-MIN04-S.001. From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and U-238, while over 95 percent of the total activity in the waste stream is from Pu-239, Pu-240, and Pu-241. It should be noted that although U-238 is the second most predominant isotope by mass in the waste stream, it was only reported in a small percentage of containers. The predominant isotopes for most containers in this waste stream are Pu-239 and Pu-240. Table 20, Estimated Radionuclide Distribution in LA-MIN04-S.001, identifies the relative radionuclide weight and activity percent of expected radionuclides over the entire waste stream based on the container data evaluated. As illustrated in Table 20, the radionuclide weight percent of individual radionuclides varies on a container-by-container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream (References C172, C182, C224, C232, C236, D041, M279, M307, and M317).

8.4.2.8 Use of Radionuclide Isotopic Ratios

For waste containers where direct measurement does not yield useable isotopic ratio information, AK may be used to supplement direct measurement data in accordance with the WIPP-WAC (Reference 3). The ratios that may be used are those identified in Section 5.4.2.2, Tables 3 and 4, in conjunction with the corresponding nuclear material type identified by the waste generator on a container basis. The specific use and confirmation of AK related to WIPP-certified assay measurements of containers in this waste stream is documented in the memorandum written in accordance with the requirements of CCP-TP-005 (Reference 8).

Table 20. Estimated Radionuclide Distribution in LA-MIN04-S.001

Radionuclide	Total Nuclide Wt%[1]	Total Nuclide Ci%[2,5]	Nuclide Wt% Range for Individual Containers[3,5]	Nuclide Ci% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides					
Am-241	0.14%	1.81%	0.00% - 15.50%	0.00% - 69.26%	Yes
Pu-238	0.01%	0.95%	0.00% - 0.68%	0.00% - 7.05%	Yes
Pu-239	**72.55%**	**16.94%**	0.00% - 96.71%	0.00% - 40.51%	Yes
Pu-240	4.98%	**4.25%**	0.00% - 16.19%	0.00% - 4.88%	Yes
Pu-242	0.72%	0.01%	0.00% - 92.16%	0.00% - 0.21%	Yes
U-233[6]	Not Reported				Yes
U-234	Trace	Trace	0.00% - Trace	0.00% - Trace	Yes
U-238	**21.34%**	Trace	0.00% - 95.95%	0.00% - Trace	Yes
Sr-90	Trace	Trace	0.00% - Trace	0.00% - Trace	Yes
Cs-137	Trace	Trace	0.00% - Trace	0.00% - Trace	Yes
Additional Radionuclides					
Np-237	Trace	Trace	0.00% - Trace	0.00% - Trace	Yes
Pu-241	0.24%	**76.04%**	0.08% - 1.58%	43.11% - 93.06%	Yes
Pu-244	Trace	Trace	0.00% - 0.02%	0.00% - Trace	Yes
U-235	0.05%	Trace	0.00% - 0.24%	0.00% - Trace	Yes

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity percent for that radionuclide.
6. Radionuclides not reported but suspected present from secondary radionuclides or decay.

8.4.3 Chemical Content Identification – Hazardous Constituents

Waste stream LA-MIN04-S.001 historically been managed in accordance with the generator site requirements and in compliance with the requirements of the New Mexico Environmental Department. Based on historical waste management and LANL's TRU Program (Reference LANL waste stream LA-MIN04-S), the containers in this waste stream were managed as hazardous and assigned the same EPA HWNs as the debris waste stream including arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), methyl ethyl ketone (D035), pyridine (D038), tetrachloroethylene (D039), trichloroethylene (D040), and F-listed solvents (F001, F002, F003, and F005). A review of available AK documentation has determined that this waste is hazardous for the above constituents, and with the exception of F003, the HWNs were retained. HWN F003 was not assigned because the waste stream does not exhibit the characteristic of ignitability. The following sections describe the characterization rationale for the assignment of EPA HWNs. Table 21, Waste Stream LA-MIN04-S.001 Hazardous Waste Characterization Summary, summarizes the EPA HWNs assigned to this waste stream. The HWN

assignments have been applied on a waste stream basis; individual containers may not contain all of the hazardous material listed for the waste stream as a whole (References C121, C173, and D083).

Table 21. Waste Stream LA-MIN04-S.001 Hazardous Waste Characterization Summary

Waste Stream	EPA HWNs
LA-MIN04-S.001	F001, F002, F005, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040

Chemical constituents of inputs are compiled from chemical lists contained in procedures and from SME input. In this section, discussion of the chemical inputs is divided into the following categories (References C121, C173, and C197):

- Process Feed Materials
- Chemical Identification and Use

Section 5.4.3, Table 8, provides a summary of the special nuclear material feed materials processed by the operations described in this report.

8.4.3.1 Chemical Inputs

To assign EPA HWNs, the available AK documentation is reviewed to assess chemical usage in the TA-55 PF-4 operations contributing to waste stream LA-MIN04-S.001, and potentially hazardous materials that may have been introduced into the waste stream. In addition, MSDSs are obtained for the commercial products to determine the presence of potentially regulated compounds. As described in Section 5.4.3.1, Table 9, several of the HWNs are assigned due to lack of analytical evidence that these constituents have not exceeded the regulatory thresholds. The chemical inputs identified in Table 9 are used during TA-55 R&D/fabrication and associated recovery, facility and equipment maintenance, D&D, waste repackaging, and below-grade retrieval operations. This waste is largely comprised of salt waste from plutonium metal purification operations that received plutonium metal and scrap that is recovered or generated by these various operations. Therefore, these constituents have the potential to contaminate this waste stream.

8.4.3.2 F-, K-, P-, and U-Listed Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the salt waste, LA-MIN04-S.001 may contain or be mixed with F-listed hazardous wastes from non-specific sources listed in 40 CFR 261.31 (Reference 15). As shown in Section 5.4.3.1, Table 9, F001, F002, F003, and F005 listed solvents are utilized and potentially contaminate the waste. F003

constituents, including acetone, n-butyl alcohol, ethyl ether, methanol, and xylene, are listed solely because these solvents are ignitable in the liquid form. The waste stream does not exhibit the characteristic of ignitability and therefore F003 is not assigned. Waste stream LA-MIN04-S.001 is assigned F-listed EPA HWNs F001, F002, and F005 for potential 1,1,1-trichloroethane, benzene, carbon tetrachloride, chlorobenzene, Freon TF (1,1,2-trichloro, 1,2,2-trifluoroethane), methylene chloride, methyl ethyl ketone, pyridine, tetrachloroethylene, toluene, and trichloroethylene contamination (References C121, C173, and D083).

At one time, HWN P120 was applied to certain TRU drums generated in 1998 because of the temporary use of vanadium pentoxide for about six months in that year. Based upon investigation into the way the material was handled, this code is not assigned to this waste stream. A P120 assignment would be used only if waste resulted from spillage of this material or from disposal of un-reacted/unspent material. No un-reacted/unspent material was disposed of in TRU waste drums. In addition, no documented spill of this material occurred. If a spill had occurred, suitable records would exist (e.g., incident reports, waste profile forms). The absence of such documentation, coupled with information obtained through interviews of people who worked with the material, indicates that a P120 assignment is not necessary (References C061, C173, and D083).

Beryllium may be present in the waste stream, but does not meet the definition of a P015-listed waste. Available AK did not identify the use of beryllium powder. During processing within P/S Codes PU and PUB, beryllium from Pu-Be sources is dissolved with the plutonium in acid, and after precipitation, the beryllium is either precipitated or remained in solution that is sent to the RLWTF at TA-50, and the precipitate is not included in this waste stream. Beryllium from metal operations, in general, is in the form of classified shapes and is therefore not in this waste stream. In some cases, beryllium turnings are generated during machining operations. However, these turnings are not expected to be in this homogeneous waste stream. Individual containers in waste stream LA-MIN04-S.001 will contain less than one weight percent beryllium (References 14, C121, C122, C173, and M283).

Waste stream LA-MIN04-S.001 does not contain and is not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof. Constituents identified were further researched and a determination was made that waste does not meet the definition of a listed waste in 40 CFR 261.33 (Reference 15). The material in this waste stream is not hazardous from specific sources since it is not generated from any of the processes listed in 40 CFR 261.32 (Reference 15). Therefore, this waste stream is not a K-, P-, or U-listed waste stream (References C121 and C173).

Hydrofluoric acid was used or present in the facility and operations potentially contaminating the salt waste; however, a U134 HWN assignment would only be applicable if the waste resulted from a spill or disposal of unused material. There is no

documented spill of this material present. In addition, there is no record of unused hydrofluoric acid being disposed of in this waste stream (References C121, C155, D002, and D025).

8.4.3.3 Toxicity Characteristic Constituents

Based on review of AK relative to chemicals used or present in the facility and operations potentially contaminating the salt waste, LA-MIN04-S.001 may be contaminated with toxicity characteristic compounds as defined in 40 CFR 261.24 (Reference 15) as summarized in Section 5.4.3.1, Table 9. Where a constituent is identified and there is no quantitative data available to demonstrate that the concentration of a constituent is below regulatory threshold levels, the applicable EPA HWN is added to the waste stream. The AK also identified the potential presence of organic toxicity characteristic compounds that are assigned the more specific F-listed EPA HWNs. Although these organic characteristic compounds are covered by the assignment of the F-listed EPA HWNs, the toxicity characteristic EPA HWNs are also assigned to the waste stream for consistency with historical site waste coding. Waste stream LA-MIN04-S.001 is assigned the following HWNs: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, and D040 (References C121, C173, and D083).

8.4.3.4 Ignitables, Corrosives, and Reactives

The homogeneous material in waste stream LA-MIN04-S.001 does not meet the definition of ignitability as defined in 40 CFR 261.21 (Reference 15). Ignitable chemicals (e.g., acetone, hexane) are used or present in the facility and operations potentially contaminating this waste stream. However, D001 (ignitability) does not apply because: (a) the solid waste is not liquid, and verification that there are no prohibited liquids in the waste is performed prior to certification; (b) the solid waste does not spontaneously ignite at standard pressure and temperature through friction, absorption of moisture, or spontaneous chemical changes; (c) the solid waste is not an ignitable compressed gas; and (d) there are no oxidizers present except as trace contaminants. Nitrate salts are solidified/stabilized in cement or absorbent and are not included in this waste stream. The materials in the waste stream are therefore not ignitable wastes (D001) (References C121, C173, C201, C202, C203, D071, D083, P096, P102, and P187).

The homogeneous material in waste stream LA-MIN04-S.001 is not liquid and does not contain unreactive corrosive chemicals; therefore, it does not meet the definition of corrosivity as defined in 40 CFR 261.22 (Reference 15). Corrosive chemicals (e.g., hydrofluoric acid, nitric acid, potassium hydroxide, sodium hydroxide) are used or present in the facility and operations potentially contaminating this waste stream. However, D002 (corrosivity) does not apply because the solid waste is not a liquid, and verification that there are no prohibited liquids in the waste is performed prior to

certification. The materials in the waste stream are therefore not corrosive wastes (D002) (References C121, C173, C194, D071, D083, P091, P096, and P102). The homogeneous material in waste stream LA-MIN04-S.001 does not meet the definition of reactivity as defined in 40 CFR 261.23 (Reference 15). Reactive chemicals (e.g., perchloric acid, sodium metal) are used or present in the facility and operations potentially contaminating this waste stream. However, D003 (reactivity) does not apply because the waste is stable and will not undergo violent chemical change without detonating. The waste will not react violently with water, form potentially explosive mixtures with water, or generate toxic gases, vapors, or fumes when mixed with water. The waste does not contain reactive cyanide or sulfide compounds. There is no indication that the waste contains explosive materials, and it is not capable of detonation or explosive reaction. The materials in the waste stream are therefore not reactive wastes (D003) (References 15, C121, C173, C201, D071, and D083).

Controls have also been in place to ensure the exclusion of ignitable, corrosive, and reactive constituents. Section 5.4.3.4 provides a detailed list of TA-55 controls that apply to all waste streams. In addition, the absence of prohibited items is verified through RTR of each waste container (References D037, D041, D049, D083, P090, P096, P097, P102, and P165).

8.4.3.5 Polychlorinated Biphenyls (PCBs)

Based on documentation in procedures reviewed during the AK investigation and summarized in lists of inputs documented in the TA-55 process reports, no sources of PCBs are introduced into waste stream LA-MIN04-S.001. All transformers known to contain PCBs have been tracked from initiation of recovery operations. When any transformer oil is drained, the oil is handled by a subcontractor who is wholly responsible for its disposal; this oil does not enter the LANL disposal operations. Suspect PCB fluorescent light ballasts occasionally found in heterogeneous debris would not be present in this waste stream. PCB containing waste is identified during characterization activities and those containers are managed in accordance with the CCP waste certification program (i.e., removed from this waste stream). Therefore, this waste stream is not regulated as a TSCA waste under 40 CFR 761 (References 18, C096, C173, C201, D080, D083, P012, and P162).

8.4.4 Prohibited Items

8.4.4.1 Compressed Gases, Liquids, Nonradionuclide Pyrophorics, Sealed Containers Greater Than Four Liters In Volume, >1 Percent Radionuclide Pyrophorics, and >200 mrem/hr Waste

Refer to Section 5.4.4.1 for a detailed evaluation of compressed gases, liquids, nonradionuclide pyrophorics, sealed containers greater than four liters in volume, >1 percent radionuclide pyrophorics, and >200 mrem/hr waste in TA-55 waste streams.

8.4.4.2 Remediation of Prohibited Items

Prohibited items are not expected to be present. However, procedures allowed containers greater than four liters, sealed with tape, to be used for waste packaging until WIPP certification procedures were implemented. Lead shielding is used to increase handling safety, and thick shielding can obscure RTR observations (References D025 and D083).

Prohibited items are detected by RTR and reported with the characterization results. Waste containers with prohibited items are segregated then dispositioned appropriately and/or repackaged, during which time sealed containers greater than four liters are opened, and other items removed and segregated if necessary prior to certification and shipment. Some secondary waste generated during remediation and repackaging operations may be added to the waste containers, including but not limited to: absorbent (e.g., Waste Lock 770), alkaline batteries, Fantastik bottles used during decontamination, miscellaneous hand tools, paper/plastic tags and labels, plastic/metal wire ties, PPE, plastic sheeting used for contamination control, rags and wipes (Kimwipes), and original packaging material (e.g., plastic bags, plywood sheathing, rigid liner lids cut into pieces) (References C150, C177, D083, M316, P154, P158, and P203).

8.5 Waste Packaging

Waste packaging procedures for waste streams have been modified several times since the beginning of plutonium operations in PF-4 and containers in this waste stream include a variety of configurations with up to four layers of confinement. Typically, salts are generated after multiple plutonium purification runs involving the heating and cooling of various salt and metal mixtures. Once the salt and metal mixtures are separated, the salts are placed into a tin or stainless-steel can/dressing jar and transferred directly into a bag-out bag (also called an inner bag) through an opening in the glovebox where the bag is attached. The bag is then closed and detached from the glovebox. Waste may also be packaged in either an unsealed metal can within a single filtered plastic bag or directly into one filtered plastic bag. All bag closures are by the twist-and-tape method or the twist, tie, and tape method. Bagged out items are placed into a 55-gallon DOT 7A, Type A 55-gallon steel drum lined with either two 5-mil or greater plastic liner bags closed with tape, or one 90-mil/125-mil rigid polyethylene liner with lid. In addition, salt waste may be packaged into a POC. In this configuration the salt waste is placed directly into a metal can and then placed into a pipe component. The metal can may also be bagged out and/or placed into a secondary can. Waste placed into a POC may also be packaged into a single filtered plastic bag which may include a fiberboard liner/sleeve inside the plastic bag. Once the material is placed into the pipe component, the lid with filter is bolted on. The pipe component is contained in a standard 55-gallon steel drum that is lined with a punctured rigid liner with packaging material between the pipe component and liner (References D024, D025, D041, D083, D084, P090, P157, P159, P160, P161, P162, P163, P175, P177, P179, and P188).

Since 1995, several changes have been introduced to the packaging procedures. Up to two plastic liner bags could still be present, but they are typically closed by folding, not by taping. Waste can also be packaged in a rigid polyethylene drum liner contained in a bag-out bag which is then placed in a 55-gallon drum lined with a 5-mil plastic liner bag. All waste packages (i.e., drums) are vented with approved filter vents prior to disposal (e.g., Nucfil-013). Since 1997, plastic bags with filters are typically used. In addition, waste with a dose rate greater than 75 mrem/hr is placed in a lead or a tin alloy shielded container prior to packaging. Remediated/repackaged waste may be packaged with or without a single plastic liner bag with one of the following drum configurations depending on the remediation facility: no liner, a fiberboard liner, a POC, or a 90-/125-mil rigid polyethylene liner without lid (References C062, D025, D084, D085, P091, P159, P164, P166, P167, P168, P169, P175, P178, and P195).

During waste management and drum storage activities following initial waste generation, 55-gallon drums may be overpacked into larger drums (i.e., 85-gallon drums or larger) or SWBs to correct/address external contamination, FGE limits, and drum integrity problems such as pin hole corrosion, dents, etc. If drums are overpacked in an SWB (up to four 55-gallon drums), no closed liner bags are used in the SWB (References D018, D024, D041, D068, M222, M279, P092, P098, P117, P158, P166, and P167).

RTR will confirm waste stream TRUCON code LA124/224. Vent dates for individual containers are provided in the AK Tracking Spreadsheet (References 9, 14, C002, D041, and M279).

9.0 CONTAINER-SPECIFIC INFORMATION

Several data sources were reviewed relating container-specific information about the radiological, physical, and chemical characterization of containers in these waste streams including archived and active site database information and generator records. The list of containers included in these waste streams is provided in the current AK Tracking Spreadsheet.

10.0 REFERENCES

1. *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan,* New Mexico Environment Department, Santa Fe, New Mexico

2. DOE/LLW-217, *DOE Waste Treatability Group Guidance*, Idaho Falls, Idaho, INEL-Lockheed Idaho Technologies

3. DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*, Carlsbad, New Mexico, U.S. DOE, 2004

4. *Interim Guidance on Ensuring that Waste Qualifies for Disposal at the Waste Isolation Pilot Plant*, U.S. DOE, Carlsbad, 1997

5. Public Law 102-579, *The Waste Isolation Pilot Plant Land Withdrawal Act* (as amended)

6. DOE/TRU-13-3425, *Annual Transuranic Waste Inventory Report – 2013*, Carlsbad, New Mexico, U.S. DOE, Carlsbad Field Office

7. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*, Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

8. CCP-TP-005, *CCP Acceptable Knowledge Documentation*, Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

9. DOE/WIPP 01-3194, TRUPACT-II Content Codes (TRUCON)

10. U.S. Atomic Energy Commission AEC Manual: Chapter 0511, *Radioactive Waste Management*, AEC, 1973

11. DOE Order 435.1, *Radioactive Waste Management*, U.S. DOE, Environmental Management, 2001

12. DOE Order 5820.1, *Management of Transuranic Contaminated Materials* and DOE Order 5820.2A, *Radioactive Waste Management*, U.S. DOE, 9/30/82 and 2/6/84

13. CCP-AK-LANL-005, *Central Characterization Project Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-55 Non-Hazardous Heterogeneous Debris, Waste Stream: LA-NHD01.001*

14. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC), Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.*

15. Title 40 CFR, Part 261, *Identification and Listing of Hazardous Waste*

16. CCP-PO-002, *CCP Transuranic Waste Certification Plan,* Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

17. CCP-AK-LANL-009, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Chemistry and Metallurgy Research (CMR) Facility Waste Streams: LA-MHD03.001, LA-CIN03.001, LA-MIN05-V.001,* Nuclear Waste Partnership, Carlsbad, New Mexico

18. Title 40 CFR, Part 761, *Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and use Prohibitions*

19. 42 U.S. Code 10101, *Nuclear Waste Policy Act of 1982,* U.S. Congress

20. CCP-AK-LANL-007, *Los Alamos National Laboratory Pu-238 Contaminated Mixed Heterogeneous Debris, Waste Stream LA-MHD02.001*

11.0 AK SOURCE DOCUMENTS

Source Document Tracking Number	Title
C001	Assay of U-234
C002	Vent and Closure dates for TWISP containers submitted to WWIS
C005	TA-55 Pu-238 Processes Issues and SMEs (Acceptable Knowledge Personnel Interview Form)
C009	Electronic Communication from the Author
C010	Interview with R. Gutierrez, SME, re: P/S Code PE
C011	Interview with Dale Soderquist, SME re: P/S Code DA
C014	Interview with J. Milewski, SME, re: P/S Code ELW
C017	Interview with B. Martinez, SME, re: P/S Codes RAP, RAP2, FSPF, PF, JA, and BC
C018	Interview with J. Simpson, SME, re: P/S Code RL
C019	Interview with G. Zaker, SME, re: P/S Code MA and Chemicals Used in Machining
C020	Interview with G. Zaker, SME, re: P/S Code CA
C023	Interview with G. Jarvinen re: P/S Codes AD, APD
C026	Interview with L. Avens re: P/S Codes MAS, SA
C027	Interview with B. Zwick and J. Byrd re: P/S Codes AC1 and AC2
C031	Interview with C. Davis re: P/S Code SMP
C033	Interview with J. Foxx re: P/S Codes RD, NCD, WM, and XO/XO
C035	Interview with R. Masen re: P/S Code ME
C037	Interview with D. Wulff re: P/S Code XO/XO
C038	Interview with John Musgrave – TA-55 Miscellaneous Operations, RD&D Processes
C039	Interview with J. Foxx re: Process inputs to P/S Code AD
C040	Interview with J. Foxx re: P/S Codes PB, PuBe, CC, MB, MS, FF, BF, and other issues
C041	Interview with J. Foxx re: Use of Lead in P/S Codes DOP
C047	Interview with F. Hampel re: Metal Operations Process AK; Information on Chemical Use in P/S Code FF
C054	Air Sparging to Eliminate Pyrophoric Sodium
C056	Layers of Packaging in TA-55 Combustible TRU Waste
C057	Commingling of Defense and Nondefense TRU Waste
C061	Interview with J. Foxx re: Vanadium, Vanadium Pentoxide, TA-55-19, TA-55-30
C062	Wire Twist-Tie and Plastic Electrical Tie Bag Closure
C064	Air Sparging to Eliminate Pyrophoric Sodium
C065	WACCC Audit Finding #1 (April 27-May 1, 1987)
C066	Interview with F. Hampel re: Information on Chemical Use in P/S Code FF
C067	Interview with J. Foxx re: Sources of Cs-137, Pa-231, and Cm-244 in TA-55 waste
C068	Interview with J. Foxx re: Timeline for disposal of TA-55 waste with P120
C069	Ac-227 Drums
C073	Interview of J. Foxx re: Sources of Cs-137 and Pa-231 in TA-55 Waste
C076	Memo to P. Rogers re: "Secondary Radionuclides and Toxic Metals in TA-55 TRU Waste"
C079	Interview of J. Foxx re: P/S Codes PPD, UA, VD, IN, and WE

Source Document Tracking Number	Title
C080	Collection of Correspondence, Comments, and AK Summaries
C081	Interview with J. Foxx re: P/S Code DO
C082	Interview with J. Foxx and Supporting Documentation re: Defense Relationship of TA-55 Waste
C083	Interview with J. Foxx, SME re: P/S Codes
C085	Interview with M. West of NMT-2 and G. Bird of NMT-2 re: P/S Codes SBB and SCB
C087	Answers to Questions About Pyrochemical Processes
C089	Interview with J. Foxx re: Pu-238 and Effluent to TA-50
C092	Interview with J. Foxx re: CLS-1 Solvents
C094	Interview with T. Hayes of TA-55 Nitrate Operations re: Draft AK Summary for TA-55 Nitrate Operations, 12-19-99 (attached)
C095	Comments from T. Hayes and J. Foxx on the Acceptable Knowledge Summary for TA-55 Nitrate Operations
C096	Response to comments on the AK Summary for TA-55 Nitrate Operations
C098	Interview with J. Foxx re: P/S Code PY
C100	Memo with Attachments to K. Dziewinski re: Material Type Isotopic Compositions
C101	AK Isotopic Files for Input to NDA Radioassay Spreadsheets
C102	Interview with R. Simpson re: P/S Codes CN, CO, CT, EL, FF, ID, OB, OM, MOX, RS
C104	Interview with J. Foxx re: P/S UA
C105	Interview with J. Foxx re: P/S Codes AO, EVAC and WLT
C108	Interview with J. Foxx re: Secondary radionuclides used in P/S Code PI
C113	AK Interview with Jim Foxx re: P/S Code FF, Use of Kynar, Portland Cement, Code HRA, 40 mm Gun
C117	A Few Issues
C121	Detailed Chemical Evaluation MHD01.001
C122	Be Contamination
C124	Interview with Jim Fox Regarding Material Type 83 used at TA-55
C125	Decay Corrected Values for LANL Heat Source Plutonium
C129	Jim Foxx's Review and Comments on CCP-AK-LANL-006
C130	Jim Foxx's Review and Comments on Nitrate and Pyrochemical/Chloride Operations Process Flow Diagrams
C131	Jim Foxx's Review and Comments on Draft Process Flow Diagrams
C132	Pu-239 Operations Detailed Process Flow Diagrams
C133	Radiological Evaluation of Waste Stream LA-MHD01.001 Based on the Addition of Waste Stream LA-MHD02.01
C135	Interview with Site Personal Performing VE and PID Repackaging Regarding Potential for High Dose Rate Waste from TA-55
C136	Interview with Dennis Wulff Regarding Potential for High Dose Rate Waste from TA-55
C138	Addition of Mixed Inorganic and Organic Process Solids (Waste Stream # LA-CIN01.001) to Acceptable Knowledge Report AK6
C139	Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream # LA-CIN01.001
C140	Interview with Gerry Veazey Regarding the TA-55 Cement Fixation Process
C142	Opening of Drum (#8260) of Retrieved TA-55 Cement Waste

Source Document Tracking Number	Title
C143	Documentation Re Evaluation of TRU Waste Can Drums Retrieved from TA-54, Area G
C144	Interview with Dennis Wulff Regarding the Packaging of Pu-238 Waste at TA-55
C145	Evaluation of LANL Pu-238 Waste Management Practices
C147	RCRA and Chemical Evaluation for LANL Waste Streams LA-MHD01.001 and LA-CIN01.001
C149	Fiberboard Drum Liners Used During Repackaging
C150	Secondary Waste Discussions to be Added to AK4 and AK6
C152	Interview with J. Foxx re: Future Waste Generation for Waste Streams LA-MHD01.001 and LA-MIN02-V.001
C153	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001
C154	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN02-V.001
C155	RCRA and Chemical Evaluation for LANL Waste Stream LA-MIN02-V.001
C156	Email to M. J. Papp re: Material Reclamation Project
C157	Prohibition on PCB waste lifted from LANL
C163	Change of LA Waste Stream Designation For TRU Oversize Crates at TA-54
C164	Information on Packaging Changes
C165	Decontamination and Volume Reduction System (DVRS) Information
C171	Homogeneity of LANL Waste Stream LA-CIN01.001
C172	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN04-S.001
C173	RCRA and Chemical Evaluation for LANL Waste Stream LA-MIN04-S.001
C174	Projected Future Waste Generation for Waste Stream LA-MIN04-S.001
C175	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001
C176	Email from Kapil Goyal Regarding Compact Fluorescent Bulbs
C177	Secondary Waste Generated by the Remediation/Repackaging Processes at Dome 231 and WCRRF
C178	Drum Washing of Drums Retrieved from Below-Grade
C179	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001
C180	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-CIN01.001
C181	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN02-V.001
C182	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MIN04-S.001
C184	Determination of Flammable VOCs For LANL TA-55 Mixed Transuranic Waste, Waste Stream LA-CIN01.001
C185	TA-54 Building 412 vs. DVRS Facility
C186	Letter on Material Type Isotopic Composition
C187	Memorandum to Pamela Rogers, Transuranic Database Modifications
C188	Memorandum to Pam Rogers; Layers of Packaging in TA-55 Combustible TRU Waste

Source Document Tracking Number	Title
C189	Secondary Radionuclides and Toxic Metals in TA-55 TRU Waste
C190	Memo to TWCP Records Center: Commingling of Defense and Nondefense TRU Waste
C192	Memorandum to Pamela Rogers; Acceptable Knowledge of Pu-238 Waste Generated at the Los Alamos Plutonium Facility, TA-55
C194	Comments from Jim Foxx on the Draft Pu-238 AK Summary Report (dated November 1999)
C195	Interview with Jim Foxx: Pu-238 and Effluent to TA-50
C196	Email from Jim Foxx: RCRA Codes for Pu-238
C197	Interview with Jim Foxx and Gary Rinehart Relating to the RCRA Characterization and Management of Pu-238 Liquids and P/S Code Operations
C198	Interview with Jim Foxx Regarding P/S Code PI
C199	Interview with Gordon Jarvinen Regarding TA-55 Miscellaneous Operations – RD&D Processes
C200	Jim Foxx's comments on Draft Acceptable Knowledge Summary for TA-55 Nitrate Operations
C201	Comment Resolution for Nitrates AK Summary Report (dated 2/25/00)
C202	Memorandum to B.T. Reich: Air Sparging to Eliminate Pyrophoric Sodium
C203	Memorandum to B.T. Reich: Experimental data on calcium pyrophoricity in salts
C204	Interview with Jim Foxx; Segregation of non-defense wastes from defense wastes
C205	Interview with Jim Foxx; Answers to questions of use of Ag, disposal of ash and resins, and use of gases
C206	Acceptable Knowledge Personnel Interview with Jim Foxx: Disposal of Spray Cans Used in Gloveboxes
C207	Interview with Jim Foxx re: Volatile RCRA-Listed Metals
C208	Acceptable Knowledge Personnel Interview with Jim Foxx: Sources of Cs-137 and Pa-231 in TA-55 TRU Waste
C209	Interview with J. Foxx re: Sources of Cs-137, Pa-231, and Cm-244 in TA-55 TRU Waste
C210	AK Personnel Interview of Lisa Pansoy-Hjelvik, Description of P/S Code ASP
C211	Interview with Gary Rinehart regarding P/S code WS Operations
C212	Memorandum to Ed Wilmont, Pu-238 Waste at TA-55
C213	AK Personnel Interview with Jim Foxx: Information on P/S Codes PPD, UA, VD, IN, and WE
C214	AK Personnel Interview with Jim Foxx: RD&D Processes (RD, NCD, WM)
C215	Email From Wayne Punjak to Pamela Rogers: Ac-227 Drums
C216	Memorandum to RMDC; Vent and Closure dates for TWISP containers submitted to WWIS
C219	Interview with Jim Foxx: Material Type 83 used at TA-55
C220	Jim Foxx's Review and Comments on Draft Process Flow Diagrams
C221	Detailed Pu-238 Operations Process Flow Diagrams
C222	Decay Corrected Values for LANL Heat Source Plutonium
C223	Record of Communication for interview with Jim Foxx: All Process Wastes
C224	Addition of 7 Containers to Waste Stream LA-MIN04-S.001
C225	Evaluation of Additional Containers for waste stream LA-MHD01.001

Source Document Tracking Number	Title
C226	Waste Packaging Issues with CCP-AK-LANL-006, Waste Stream LA-CIN01.001 (TA-55 cemented waste packaged in cans and monoliths)
C228	Evaluation of Los Alamos National Laboratory Circumferentially Taped Slip-Lid Cans (>4 Liters)
C230	Memo: Legacy TA-55 Nitrate Salt Wastes at TA-54 - Potential Applicability of RCRA D001/D002/D003 Waste Codes
C231	Email RE: Nitrate Salt Processing Guidance
C232	Evaluation of Volumes and Calculations of Individual and Total Radionuclide Masses and Activities for Waste Streams LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.01, and LA-MIN04-S.001
C233	Evaluation of Additional Repackaged Containers for Waste Stream LA-MHD01.001
C234	Evaluation of Additional Containers for Waste Stream LA-CIN01.001
C235	Evaluation of Additional Containers for waste stream LA-MIN02-V.001
C236	Evaluation of Additional Containers for waste stream LA-MIN04-S.001
C237	Containment Vessel Weight Analysis and Acceptable Knowledge Document
C238	Memorandum of Understanding - Roles and Responsibilities for Transuranic Material Experiments on the Z Machine
C239	Email RE: # of Shots
C240	Email Re: Future Projected Volume for LA-MHD01.001
D002	Acceptable Knowledge Report for Legacy Debris TA-55 Waste Streams Containing Pu-239
D003	Hazardous Waste Facility Contract with DOE, University of California & Summary of Modifications
D004	Attachment A (Waste Analysis Plan) of the LANL Hazardous Waste Permit
D007	Process Acceptable Knowledge Report for Chloride Operations at TA-55
D008	Acceptable Knowledge Report for Newly Generated Waste from Nitrate Operations at TA-55
D009	Acceptable Knowledge Report for Newly Generated Waste from Miscellaneous Operations at TA-55
D010	Acceptable Knowledge Report for Newly Generated Waste from Special Processing Operations at TA-55
D011	Acceptable Knowledge Report for Newly Generated Waste from Metal/Pyrochemical Operations at TA-55
D013	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)
D014	TA-55 Facility Safety Analysis Report (FSAR), Excerpt (Chapter 1 missing)
D017	Draft Acceptable Knowledge (Report) for TA-55 Nitrate Operations (and Interview comments from Tim Hayes)
D018	Transuranic Waste Interface Document for the Waste Characterization, Reduction, and Repackaging Facility and the Radioactive Materials Research, Operations, and Demonstration Facility
D019	Waste Management Plan for the 40-mm Powder Breach Project
D023	TA-55 Plutonium Facility Acceptable Knowledge Report
D024	TA-55 Transuranic Waste Interface Document
D025	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239
D026	Acceptable Knowledge Information Summary For LANL Transuranic Waste Streams

Source Document Tracking Number	Title
D028	Process Acceptable Knowledge Report for Pyrochemical Processes at TA-55
D029	Process Acceptable Knowledge Report for Metal Operation Processes at TA-55
D030	Process Acceptable Knowledge Report for Special Processing at TA-55
D032	Process Acceptable Knowledge Report for Miscellaneous Operations at TA-55
D034	Waste Management Site Plan
D036	Process Knowledge Report for Nitrate Operations at TA-55
D037	Los Alamos TRU Waste Certification Plan for Newly Generated TRU Waste
D041	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams
D044	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassini Mission
D045	Final Safety Analysis Report for TA-55 NMT
D048	Wastes from Plutonium Conversion and Scrap Recovery Operations
D049	40-mm Powder Breech Project, TA-55 Bldg PF-4, Waste Management Plan
D050	Waste-form Development for Conversion to Portland Cement at LANL Technical Area 55
D055	Rocky Flats Environmental Technology Site Backlog Waste Reassessment Baseline Book – Waste Form 34 Pyrochemical Salts
D056	TWISP Final Report
D057	Processing Waste Acceptance Criteria Exception Forms
D058	Review and Completion of the TWSR
D059	Environmental Protection: Managing Waste; Air Quality; Ecological and Cultural Resources
D060	Repackaging Plutonium-238 High Dose Rate Material for Waste Disposal
D062	Upgrade and Performance Testing for the LINC Systems at TA-54 Area G
D063	Project Management Objectives for Pit 9 TRU Waste Retrieval
D064	Retrieval Plan for TA-54, Area G TRU Waste for Pit 9
D065	TA-54, Area G Pit 9 Waste Description
D066	TA-54, Area G Pit 9 Waste Description
D067	TA-54, Area G Trenches A-D Waste Description
D068	TA-54 Area G Documented Safety Analysis
D070	Wastes from Plutonium Conversion and Scrap Recovery Operations
D071	Final Safety Analysis Report for TA-55 NMT
D073	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Galileo Mission
D074	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassinni Mission
D075	Sampling and Analysis Project Validates Acceptable Knowledge on TA-55-43, Lot No. 01
D076	*Acceptable Knowledge Summary Report for Waste Streams* TA-55-43, TA-55-44, TA-55-45, TA-55-46, TA-55-47
D077	Process Acceptable Knowledge Report for Miscellaneous Operations at TA-55
D078	Process Acceptable Knowledge Report for Nitrate Operations at TA-55
D079	Process Acceptable Knowledge Report for Special Processing at TA-55
D080	Process Acceptable Knowledge Summary Report for Plutonium-238 Operations at TA-55
D081	AK Report for NG Waste from Metal/Pyrochemical Operations at TA-55
D082	Institutional Plan FY2002-FY2007

Source Document Tracking Number	Title
D083	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams
D084	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239
D085	Determination of H2 Diffusion Rates through Various Closure on TRU Waste Bag-Out Bags
D089	Amount of Zeolite Required to Meet the Constraints Established by the EMRTC Report RF 10-13: Application to LANL Evaporator Nitrate Salts
D090	Results of Oxidizing Solids Testing - EMRTC Report FR 10-13
D091	Solution Package Scope Definition REPORT-72, Salt Waste (SP #72) Rev 1
D092	Generator Knowledge Report for the Plutonium Isentropic Compression Experiments Containment Systems
D093	Preparing Samples for Materials Characterization
D094	Panel Preparation for Z Experiments
DR001	Discrepancy Resolution Waste Stream Assignment
DR004	Discrepancy Resolution Non-Mixed TA-55 Pu-239 Debris Drums
DR005	Acceptable Knowledge Source Document Discrepancy Resolution - Homogeneous Solids in Containers S818280, S818308, S822622, S818309, S832485, S862359, S802994, and S811632
DR007	Acceptable Knowledge Source Document Discrepancy Resolution – Layers of Confinement
DR008	Acceptable Knowledge Source Document Discrepancy Resolution – TA-55 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris
DR029	Acceptable Knowledge Source Document Discrepancy Resolution – Drum No. 86309 Contained a Small Lighter Fluid Can with ~ 65 ml of liquid
DR043	Miscellaneous Debris Items in LA-CIN01.001 (cemented) Container No. 53706
DR044	Removal of 114 Heterogeneous Drums from Cemented Waste Stream (LA-CIN01.001)
DR048	Acceptable Knowledge Source Document Discrepancy Resolution – Waste Stream LA-MHD01.001 Radiological Characterization
M002	Review of Headspace Gas Data from Pre-WAP Analyses for Additions to AK
M006	Pit Production
M011	Waste Determination Report for Waste Stream TA-55-43 Lot No. 01
M012	Waste Profile Form Guidance
M013	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)
M014	General Waste Management Requirements
M015	Managing Radioactive Waste
M016	Hazardous and Mixed Waste
M017	Final Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories and Regulatory Limits
M018	Los Alamos National Laboratory Waste Profile System Forms
M019	Generator Documentation
M023	Procedure Review Sheets for 410-MPP, "Electrorefining of Plutonium Metal-Crac Cell"
M024	Procedure Review Sheets for 435-MPP, "Reverse Cell Electrorefining (R&D Project)"
M026	Coalesence of Plutonium Metal (Excerpts) and Procedure Review Sheets
M028	Procedure Review Sheets and Excerpts from Salt Stripping of Electrorefining Salts Using Oxygen/Argon

Source Document Tracking Number	Title
M029	Procedure Review Sheets and Excerpts from Electrorefining of Plutonium Metal, Nominal Six Kilogram Scale
M030	Measuring Physical Properties (Excerpt)
M032	Acceptable Knowledge Personnel Interview Form - Metal Operations
M037	Multiple-Cycle Direct Oxide Reduction
M041	Procedure Review Sheets for Revs 0-5 of "Electrorefining of Plutonium Metal," Doc. # 258-MPP-R00
M043	Procedure Review Sheet for Procedure 290-MPP-R02
M044	Procedure Review Sheets for Procedure 216-MPP-R01 "Oxalate Precipitation of Ion-Exchange Eluates"
M045	Procedure Review Sheets for Procedure 215-MPP-R01, "Oxalate Precipitation of Plutonium from Nitrate Solutions"
M048	Procedure Review Sheets for Procedure 230-MPP-R01, "Hydroxide Precipitation for Oxalate Filtrates"
M050	Procedure Review Sheet for 474-REC-R01, "Process Research and Development Facilities"
M053	Procedure Review Sheet for 426-REC-R00, "Residue Leaching"
M054	Procedure Review Sheet for 461-REC-R00, "Nitrate Anion Exchange"
M057	Procedure Review Sheet for 431-REC, "Procedure for Disposal of Oils Containing Recoverable Amounts of Pu in the Form of (U, Pu) Carbides"
M061	Process Review Sheet for RAB-MS-2000, "Carbothermic Process Material Specification for Uranium Oxide Powder (Depleted)"
M064	Process Accountability Flow Documents for Various Nitrate Processes
M067	Procedure Review Sheet for 430-REC, "Recovery of Contaminated Platinum"
M069	Procedure Review Sheet for 420-REC, "Processing of Contaminated Solids"
M072	Procedure Review Sheets for 444-REC, "Dissolving Chloride Melt Portion of Electrorefining Residues"
M074	Procedure 474-CLO, Hydroxide Precipitation of Chloride Waste Streams
M076	Hydroxide Precipitation of the Plutonium in Chloride Waste Streams
M080	Interview with J. Foxx re: Solvent Extraction Developmental Work
M084	Procedure 437-REC, "Polystyrene Cube Processing"
M085	Procedure 445-REC, "Preferential Dissolution of Uranium Oxides from a Uranium-Plutonium Oxide Mixture"
M086	Procedure 490-REC, "Catalyzed Electrochemical Plutonium Oxide Dissolver (CEPOD)"
M088	Procedure 423-REC, "Ash Leaching"
M089	Procedure 431-REC, "Leaching of Contaminated Metals in Nitric Acid"
M090	Procedure 421-REC, "Pickling or Surface Leaching" and "Leaching of Noncombustible Materials in Nitric Acid"
M092	Procedure 490-REC, "Mediated Electro-Oxidation of Low-Level Organic Waste" and "Catalyzed Electrochemical Plutonium Oxide Dissolver"
M093	Procedure 427-REC, "Incinerator Ash R&D Facility"
M095	Procedure 447-REC, "Dissolution of Impure Plutonium Dioxides, Filter Residues, and Glovebox Sweepings in Hot HNO3-HF"
M096	Procedure 472-REC, "Nitrate Anion Exchange for the Rich Column Material System"
M097	Procedure 471-REC, "Nitrate Anion Exchange for the Lean Residue System"

Source Document Tracking Number	Title
M098	Procedure 470-REC, "Nitrate Anion Exchange for the Rich Residues Ion Exchange Column"
M099	Procedure 473-REC, "Nitrate Anion Exchange for the Dissolved Solids (DS) System"
M103	Procedure 480-REC, "Peroxide Precipitation"
M112	Procedure 407-MPP, Chlorination of Plutonium Compounds
M113	Procedure 420-MPP, Reduction of PuO_2 to metal
M116	Review Sheet for Procedure 445-MPP, "Coalescence of Plutonium Metal"
M118	Review Sheet for Procedure 209-MPP, "Pickling, Leaching, and Dissolution"
M123	Procedure 213-MPP, Conversion of Plutonium Oxalate to Oxide using heat lamp and hot plate
M125	Procedure 217-MPP, Peroxide precipitation
M126	Procedure 226-MPP, Dissolving Chloride Melt Portion of Electrorefining Residues
M127	Procedure 232-MPP, Oxalate Precipitation of Pu from Hydrochloric solutions
M129	Procedure 224-MPP, Chlorination of Plutonium Compounds
M130	Procedure 251-MPP, Multiple-cycle Direct Oxide Reduction
M131	Procedure 273-CLO, Purifying and Recovering Pu by Chloride anion exchange
M132	Procedure 242-MPP, Precipitation of Plutonium Oxalate in Hydrochloric Acid
M134	Direct Oxide Reduction R&D
M137	Procedure HS-NMT9-PP-42, "Particle Size Analysis of Oxide Powders Procedure"
M142	Procedure 435-REC, "Processing Lapping Oil and Similar Organics"
M144	Procedure 491-REC, "Advanced Testing Line for Actinide Separations (ATLAS) Unit Operations"
M151	Procedure 464-Rec, "Peroxide Precipitation"
M153	Development of Control Charts for the Evaporator Bottoms Newly Generated Waste Stream from TA-55
M154	Miscellaneous MSDSs
M156	Project 2010 Container Specific Database Information for LA-MHD01.001
M157	Project 2010 Database Summary of Waste Codes from LA-MHD01.001
M158	Project 2010 Database Information Waste Item Descriptions Summary
M159	Project 2010 Container Specific Database Information - Area G Reported Radionuclides
M160	LANL Project 2010 Summary of AK Discrepancies
M164	Procedure Review Sheet for Identification of Potential Hazards Associated with Metallographic Operations in Rooms G104 and G107
M169	Procedure Review Sheet - Comminution and Nickel Addition Procedures for Uranium Carbide or Uranium-Plutonium Carbide
M172	Procedure Review Sheet for Manual Pellet Pressing Procedure for Uranium Carbide or Uranium-Plutonium Carbide Powders
M174	Procedure Review Sheet for Procedure for Measuring the Density of Sintered Fuel or Insulator Pellets by a Water Immersion Technique
M180	Procedure Review Sheet - Hydroxide Precipitation of Chloride Solutions Containing Organic Chemicals
M181	Procedure Review Sheet - Oxalate Precipitation of Plutonium from Chloride Solutions
M182	Procedure Review Sheet - Purification and Recovery of Plutonium by Chloride Anion Exchange

Source Document Tracking Number	Title
M184	Procedure Review Sheet - Dicesium Hexachloro Plutonate (DCHP)
M185	Procedure Review Sheet - Head End Processing of Aqueous Chloride Plutonium
M186	Procedure Review Sheet - Plutonium Recovery from Chloride Solutions by Oxalate
M189	Procedure Review Sheet - Vessel Handling and Unloading
M200	Plutonium Electrorefining
M202	Preparation of Pu Metal by the Fluoride Reduction Process
M206	Procedure Review Sheet - Salt Stripping of Electrorefining Salts
M212	Procedure Review Sheet - Six Foot Sphere Handling and Unloading
M215	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from 2500 Set
M216	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from AK6 Remaining Set
M217	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from AK7 Remaining Set
M218	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from Imagic Printout Set
M219	Electronic image of TWSRs and RSWD Forms from Imagic Software
M220	Vent Date Information Sources
M222	CONCERT Database
M223	Design of Hydrothermal Waste Treatment Units for Operation at Pressures from 1 to 1,000 Bar
M224	LANL Hard Copy RSWDs and TWSRs for LA-MHD01 and LA-MHD02
M226	LANL Hard Copy RSWDs and TWSRs for LA-MHD01 and LA-MHD02
M236	TA-55 Cemented RSWDs/TWSRs
M238	NUGEN Drum TWSRs
M241	Drum Spreadsheet for Additional LA-MHD01.001 Containers
M242	TA-55 Waste Stream LA-MIN02-V.001 RSWDs/TWSRs and Drum Spreadsheet
M252	TA-55 Cement Fixation Drum Logbook
M273	LA-MHD01.001 TWSRs
M274	TWSRs for Containers 8000 Series
M275	TA-55 NUGEN TWSRs
M276	TA-55 VE NUGEN TWSRs
M279	TA-55 Waste Stream LA-MIN04-S.001 RSWDs/TWSRs, Drum Spreadsheet, and BDRs
M280	Pit 9 Waste Information
M281	Trenches A-D logbook
M283	Assembled Tables taken from Milliwatt Generator Project Progress Reports
M284	MSDSs for Pu-238 Operations
M285	Process Flow Diagram for Routine Pu-238 Heat Source Production - Fuel Fabrication
M286	Particle Size Analysis of Oxide Powders
M287	Process Flow Diagram for Metallography
M288	Process Flow Diagram for Pu-238 Scrap Processing
M289	Introductory Glovebox Transfer of an EP-60 into and EP-61
M290	Decontamination of Ir Using Molten MgCl2
M291	Process Flow Diagram for Recovery of Pu-238 Oxide from Contaminated Iridium
M292	Dissolution of Ir by Electrochemical Methods
M293	Process Flow Diagram for Pu-238 Waste Solidification

Source Document Tracking Number	Title
M294	Recovery of Plutonium-238 from Sucrose Solutions
M295	Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories and Regulatory Limits
M296	Generator Documentation (RSWD/TWSRs)
M298	Concert Database Query, Physical Parameter Inventory Analysis for Waste Stream LA-MHD02.002
M299	Thermal Decomposition of Cellulose Items
M300	General Waste Management Requirements
M301	Hazardous and Mixed Waste
M302	Managing Radioactive Waste
M303	Waste Profile Form Guidance
M304	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)
M306	The Actinide Research Quarterly, Magnetic Levitation Results in High-Purity Plutonium Metal.
M307	Acceptable Knowledge Isotopic Ratios (AKIR) database, Versions 2.0 and 2.1
M308	Pu-238 Defense Determination Resolution
M309	Radiological Discrepancy Report
M310	RCRA EPA Hazardous Waste Code Assignment Discrepancy Report
M312	CCP-AK-LANL-007 Document Conversion To CCP-AK-LANL-006 Source Documents
M316	Record of Communication - Secondary Waste Added During Remediation and Repackaging Operations
M317	Waste Stream LA-MIN04-S.001 Radionuclide Calculations
P001	Nitric Acid Process Evaporator
P005	Thorium Fluoride Precipitation
P008	Cement Fixation of Process Residues in 55-Gallon Drums (Excerpts)
P011	Cement Fixation of Process Residues in One-Gallon Cans (Excerpts)
P012	Organic Liquid Emulsification
P014	Casing Enriched Plutonium
P024	Nitrate Anion Exchange
P025	Dissolution and/or Leaching of Various Materials in Hydrochloric Acid
P026	Oxalate Precipitation of Plutonium from Hydrochloric Acid Solutions
P027	Purification and Recovery of Plutonium by Chloride Anion Exchange
P028	Hydroxide Precipitation
P029	Procedure for Pyroredox Processing of Spent Electrorefining Anodes (P/S RA)
P033	Procedure "Cleaning Requirements for Large Components" P/S EL
P034	Procedure "Cleaning for Small Components"
P036	Procedure "Fabrication and Inspection of He-Bonded Fuel Elements" P/S EL
P042	Procedure "Sodium Bonding" P/S EL
P044	Procedure "Encapsulation of Radioactive Isotopes" P/S WE
P045	Procedure "Plasma Chemical Reactor" P/S PCH
P046	Procedure "Safe Operating Procedure for Pit Disassembly" P/S MW, PD, SRL
P049	Procedure "Ultrasonic Degreaser" P/S MA
P051	Procedure "Operating the Autoclave Hot Isostatic Press" P/S BA

Source Document Tracking Number	Title
P052	Procedure "Cleaning of SP-100 Fuel Pin Components"
P053	Procedure "Pit Disassembly" P/S SRL
P056	Procedure "Heat Treatment of SP-100 Components"
P064	Procedure "Hydrothermal Processing"
P065	Procedure "Superacid Research and Development"
P067	Procedure "Room 208 Purification Process Development"
P069	Procedure "Super Oxidizer Fluorination of Ash"
P070	Procedure "Operation of the Plutonium FOOF Loop"
P071	Procedure "Operation of the Plutonium Fluorination Loop"
P076	Procedure "Research, Development, and Demonstration Facilities"
P077	Procedure "Research, Development, and Demonstration Facilities"
P078	Procedure "Sensors and Instrumentation Development"
P080	Procedure "Organoactinide R&D"
P081	Procedure "Actinide Chemistry Research and Development"
P083	Procedure "Plutonium Chlorination"
P085	Procedure "Developmental Chloride Solvent Extraction Process"
P090	TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan
P091	Attachment 3 to the TRU Waste Certification Plan, R05
P092	TA-55 Transuranic Waste Interface Document for Debris Waste
P094	Documenting Acceptable Knowledge For Legacy Waste Items
P095	Inspecting, Packaging, Rejecting, and Remediating Transuranic Waste for WIPP and for TA-54 Safe Storage
P096	TA-55 Waste Management, TWCP-351
P097	Performing Visual Inspections of TRU Waste
P098	Packing TRU Waste Containers
P102	Procedure 406-GEN, "Standard Operating Procedure for the Waste Management at TA-55, CMB-11 Facility"; also LA-UR-01-6170
P103	Thorium Fluoride Precipitation
P104	Electrorefining of Plutonium Metal, Nominal Six Kg Scale
P105	Chloride Melt Preparation for Electrorefining and Fused Salt Extraction
P109	Acceptable Knowledge Personnel Interview Form re: Pyrochemical waste stream
P110	Acceptable Knowledge Personnel Interview Form re: Pyrochemical waste stream
P117	Waste Visual Examination and Packaging
P118	Acceptable Knowledge Documentation
P125	Characterization of Direct Oxide Salts
P147	Electrochemical Systems Operations, NMT-15 Hazard Control Plan
P148	Machining of Special Nuclear Materials in Glovebox Enclosures, NMT-15 Hazard Control Plan
P152	Cement Fixation of Process Residues in One-Gallon Cans
P153	Cement Fixation of Process Residues in 55-Gallon Drums
P154	Standard Waste Visual Examination and Prohibited Item Disposition
P155	Pu-238 Residue Solidification
P156	Thermal Decomposition of Cellulose Items Contaminated with Plutonium-238

Source Document Tracking Number	Title
P157	Direct Oxide Reduction of Pu-238 Oxide
P158	Prohibited Items Disposition Dome 231 Permacon
P159	Processing Waste in the Waste Characterization Glovebox
P160	Introducing and Removing Items and Samples from the Glovebox Systems in PF-4
P161	TA-55 Waste Management
P162	TA-55 Waste Management Requirements
P163	Nuclear Materials Packaging
P164	Inspecting, Labeling, and Preparing TRU Waste Containers
P165	Performing Visual Inspections of TRU Waste
P166	Packing TRU Waste Containers
P167	Packing TRU Waste Containers
P168	Sealing TRU Waste Containers
P169	Sealing TRU Waste Containers
P170	Material Reclamation
P171	Inspecting and Preparing a Drum
P172	Inspecting the Cement and Performing the Drum-in and Drum-out
P173	Waste Generating Instruction for Heat-Source Plutonium Solid TRU Waste
P174	Trenches A – D Retrieval Operations
P175	Sort, Segregate, Size Reduction, and Repackaging Activities
P177	TA-55 Waste Management
P178	Attachment 3 to the Los Alamos TRU Waste Certification Plan for Newly Generated TRU Waste
P179	TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan
P180	Sampling PuO2 Procedure
P181	Ceramography of 238 PuO2 Fuel Samples
P182	238 Pu Waste Solidification
P183	Cement Fixation of Process Residues in 55-Gallon Drums
P185	Cement Fixation of Process Residues in One-Gallon Cans
P186	Organic Liquid Emulsification
P187	Characterization of Direct Oxide Salts
P188	Standard Operating Procedure for the Waste Management at TA-55
P189	Direct Oxide Reduction of 238 PuO2
P190	Advanced Testing Line for Actinide Separations (ATLAS) Unit Operations
P192	TA-54 Area G TRU Crate SSSR Activities
P194	TA-54-231 PermaCon Upgrades
P195	Sort, Segregate, Size Reduction, and Repackaging Activities
P196	TA-54 Area G Sludge Remediation Activities
P197	TA-54 Area G TRU Crate SSSR Activities
P198	WCRRF Waste Characterization Glovebox Operations
P199	TA-54-375 TRU Oversized Box Processing Capability Project
P203	TA-54 Area G TRU Corrugated Metal Box SSSR Activities
P204	TA-54 Area G Ten-Drum Overpack Container Operations

Source Document Tracking Number	Title
U002	Review of RTR Data From Pre-WAP Analysis For AK
U004	Process Status Data from Area 55 WMD & Cert. Database
U005	Twenty-Five Years of Radioactive Waste Cementation at Los Alamos National Laboratory
U007	Review of RTR Data From Pre-WAP Analysis for AK

Figure 1. Location of LANL Site

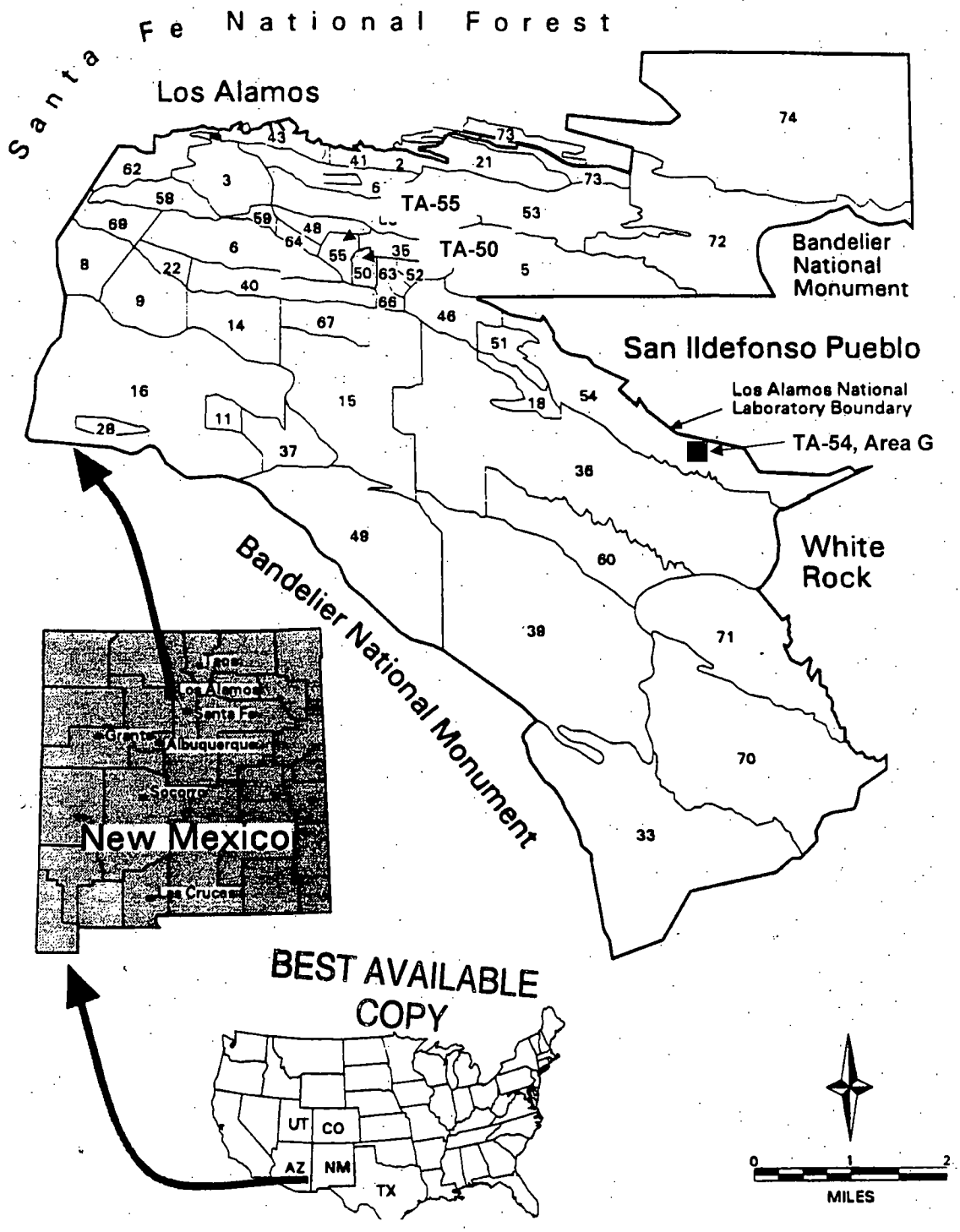


Figure 2. Location of the PF-4 at TA-55 LANL Site

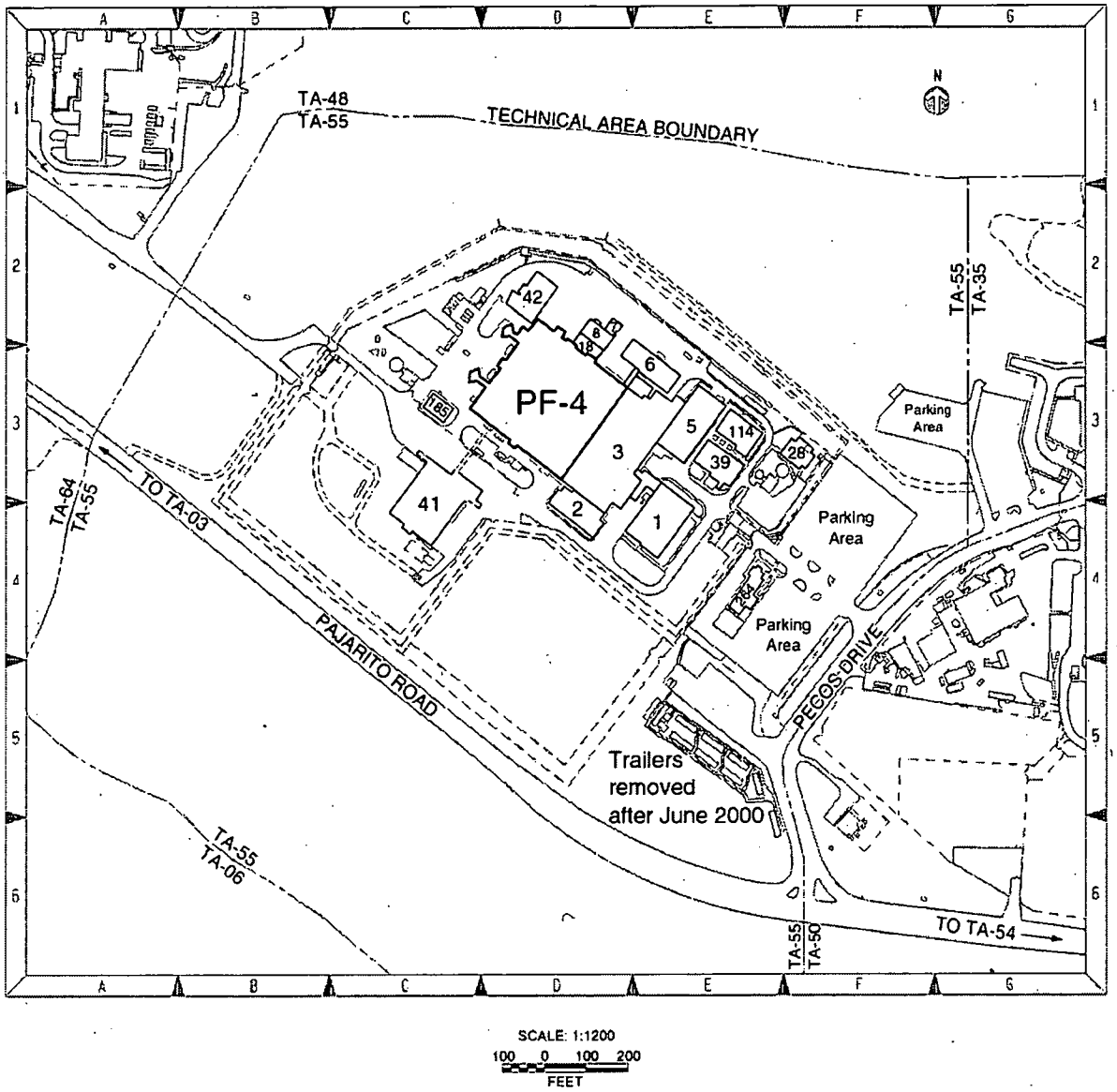


Figure 3. RSWD Code Descriptions Table

RSWD Code	Definition	Waste Stream
A10	Graphite	LA-MHD01.001
A14	Combustible Decon Waste	LA-MHD01.001
A15	Cellulosics	LA-MHD01.001
A16	Plastics	LA-MHD01.001
A17	Rubber Materials	LA-MHD01.001
A18	Combustible Lab Trash	LA-MHD01.001
A19	Combined Combustible/Non-Combustible Lab Trash	LA-MHD01.001
A20	Hydrocarbon Oil – Liquid (Absorbed)	LA-MIN02-V.001
A21	Silicon-Based – Liquid (Absorbed)	LA-MIN02-V.001
A25	Leached Process Residues	LA-CIN01.001
A26	Evaporator Bottoms/Salts	LA-CIN01.001
A27	Nitrate Salts	LA-MIN04-S.001
A28	Chloride Salts	LA-MIN04-S.001
A30	Property Number Equipment	LA-MHD01.001
A31	Non-Property Number Equipment	LA-MHD01.001
A35	Combustible Building Debris	LA-MHD01.001
A36	Noncombustible Building Debris	LA-MHD01.001
A47	Slag and Porcelain	LA-MHD01.001
A50	Metal Crucibles, Scrap, Dies	LA-MHD01.001
A51	Precious Metal	LA-MHD01.001
A52	Scrap Metal	LA-MHD01.001
A55	Filter Media	LA-MHD01.001
A60	Other Combustibles	LA-MHD01.001
A61	Other Non-combustibles	LA-MHD01.001
A70	Chemical Waste	LA-MIN02-V.001
A77	Vermiculite (Before 1985)	LA-MIN02-V.001
A95	Glass	LA-MHD01.001

Figure 4. Item Description Codes (IDC) Table

Item Description Code	Definition	Description
001	Mixed metal scrap and combustibles (primarily metals or metal equipment along with its combustible components and combustibles generated during decommissioning, sectioning equipment, or packaging)	IDC 001 waste is comprised of several types of metal scrap and incidental combustibles generated at various TAs and size reduced at the WCRR Facility. The waste consists mostly of metals or metal equipment, either whole or sectioned, and lesser amounts of combustible components. In addition, small volumes of combustibles generated during decommissioning, sectioning, and packaging are present. The waste forms primarily include gloveboxes, process equipment, and ductwork from decommissioning operations. Gloveboxes may include gloves, wiring, plastic, glass windows, plastic wrapping, and lead shielding.
004	Combustible solids (may contain small fraction of noncombustible solids)	IDC 004 waste is comprised of combustible waste such as paper, rags, plastic, and rubber, including plastic-based and cellulose-based waste generated at the TA-55 Plutonium Facility. Plastic-based waste includes, but may not be limited to, tape, polyethylene, and vinyl; gloves; plastic vials; polystyrene; Tygon tubing; polyvinyl chloride plastic; Teflon products; Plexiglas; and dry box gloves (unleaded Neoprene base). Cellulose-based waste includes, but may not be limited to, rags, wood, paper, cardboard, laboratory counts and coveralls, booties, and cotton gloves, and similar miscellaneous materials. IDC 004 waste may also contain a small fraction of noncombustible solids (e.g., scrap metals, metal lids).
005	Noncombustible scrap (may contain small fraction of combustible solids)	IDC 005 waste includes metals and non-metals. The non-metal wastes included glass, fiberglass heating mantles, porcelain crucibles, ceramic furnace tube inserts, and leaded glovebox gloves. Discarded HEPA filters are identified as IDC 005 waste. This waste is generated in PF-4 at TA-55. A small fraction of combustible waste, such as plastics (mainly packaging), may also be present.

Figure 4. Item Description Codes (IDC) Table (Continued)

Item Description Code	Definition	Description
005(P1)	Leaded rubber and metal waste	IDC 005(P1) consists of leaded rubber waste and metal waste, including lead-lined glovebox gloves discarded along with metal waste, such as motors and tools.
005(P2S)	Salt waste	IDC 005(P2S) waste consists of used salts from pyrochemical processes such as electrorefining, molten salt extraction, salt stripping, fluoride reduction, and direct oxide reduction carried out at PF-4 at TA-55. A small fraction of combustible waste, such as plastics (mainly packaging), may also be present.
006	Cemented process residues (process-leached solids, filter cakes, evaporator bottoms, etc., stabilized in Portland cement)	IDC 006 waste includes solidified inorganic and organic process solids generated from facility and equipment operations and maintenance. This waste may include process leached solids, ash, filter cakes, salts, metal oxides, fines, evaporated bottoms, or up to six liters of emulsified solvents and oils stabilized in Portland or gypsum cement. This waste also includes spent samples received from TA-3, CMR Building.

Figure 5. TA-55 Process/Status Code Index Table

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
AAP	Accelerated Aging of Plutonium	Metal Operations
AC	Actinide chemistry, R&D	Miscellaneous Operations
AC1	Actinide chemistry, R&D	Miscellaneous Operations
AC2	Actinide chemistry, R&D	Miscellaneous Operations
AC3	Actinide chemistry, R&D	Miscellaneous Operations
ACC	Ammonium chloride conversion	Special Processing Operations
ACD	Cascade dissolver	Special Processing Operations
ACL	Analytical chemistry laboratory	Miscellaneous Operations
AD	Actinide processing demonstration	Miscellaneous Operations
AL	Ash leach	Nitrate Operations
AO	Assembly operation	Metal Operations
AO	Americium processing calcination	Nitrate Operations
AP	Americium purification	Nitrate Operations
APD	Actinide processing demonstration	Miscellaneous Operations
ARI	ARIES	Metal Operations
AS	Anode heel dissolution	Nitrate Operations
ASP	Aqueous Scrap Processing	Pu-238 Operations
AT	Ash testing	Nitrate Operations
ATL	Advanced test line for actinide separation RD&D	Nitrate Operations
AX	Solution assay	Miscellaneous Operations
BA	Basement isopress	Metal Operations
BAC	Bacterial decomposition of cellulose items	Nitrate Operations
BC	Physical properties	Metal Operations
BF	Unknown name for P/S Code	Nitrate Operations
BL	Blending	Nitrate Operations
BM	Burning metal	Nitrate Operations
BT	Burst testing	Metal Operations

Figure 5. Process/Status Code Index Table (Continued)

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
BU	Button burning	Nitrate Operations
C1	Pu-238 Heat Source Calorimetry	Pu-238 Operations
CA	Casting	Metal Operations
CC	Calcination	Nitrate Operations
CD	Hydroxide cake dissolution	Nitrate Operations
CF	Cement fixation	Nitrate Operations
CH	Characterization	Nitrate Operations
CK	RD&D volatile fluoride Pu recovery	Miscellaneous Operations
CL	Crucible processing	Chloride Operations
CLRD	Aqueous chloride R&D	Chloride Operations
CLS	Accountable CLS chloride solutions	Chloride Operations
CN	C-N-O analysis	Metal Operations
CO	Comminution	Metal Operations
COD	Chlorinated oxide dissolution	Nitrate Operations
COL	Chlorinated oxide leach	Nitrate Operations
CP	Chloride processing	Special Operations
CPOD	Catalyzed electrochemical plutonium oxide dissolver	Nitrate Operations
CR	Crushing and pulverizing	Nitrate Operations
CRD	Chlorination/reduction RD&D	Pyrochemical Operations
CS	Chloride solutions	Chloride Operations
CSE	Chloride solvent extraction	Chloride Operations
CT	Compatibility testing	Metal Operations
CV	RD&D experimental chlorination processes	Miscellaneous Operations
CW	Caustic waste	Chloride Operations
CX	Chloride anion exchange	Chloride Operations
CXL	Experimental chloride extraction line	Chloride Operations

Figure 5. Process/Status Code Index Table (Continued)

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
DA	Alloy development Pu items	Metal Operations
DF	DS furnace and oxide preparation	Nitrate Operations
DO	Dissolution of oxide	Special Processing Operations
DOP	Detector oxide preparation	Metal Operations
DP	Dry processing	Nitrate Operations
DS	Ion exchange	Nitrate Operations
DT	John Ward R&D	Metal Operations
ECHM	Electrochemistry	Miscellaneous Operations
ED	Cascade dissolver	Nitrate Operations
EDC	Electrolytic decontamination	Miscellaneous Operations
EL	Element loading	Metal Operations
ELW	Experimental laser welding	Metal Operations
EM	Electron microscopy	Metal Operations
EOC	Experimental oxide characterization	Miscellaneous Operations
ER	Electrorefining	Pyrochemical Operations
ETD	Experimental thermal decomposition	Nitrate Operations
EV	Evaporator	Nitrate Operations
EVAC	Evacuation and bake out	Metal Operations
EXT	Extraction RD&D	Miscellaneous Operations
FA	Americium processing	Nitrate Operations
FC	Canning	Nitrate Operations
FDL	FOOF demonstration loop	Miscellaneous Operations
FF	Fuel fabrication	Metal Operations
FLU	Fluorination RD&D	Miscellaneous Operations
FSPF	Special furnace operations	Metal Operations
FX	Cement to drum	Nitrate Operations
GI	Pellet grinding & inspection	Metal Operations

Figure 5. Process/Status Code Index Table (Continued)

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
GMS	Open gradient magnetic separation	Nitrate Operations
GPHS	General Purpose Heat Source (GPHS)	Pu-238 Operations
HC	Calcination	Nitrate Operations
HCD	Hydroxide cake dissolution	Nitrate Operations
HD	Hydroxide cake dissolution	Nitrate Operations
HG	Pu removal by mercury	Metal Operations
HGMS	High gradient magnetic separation	Nitrate Operations
HP	Cement fixation	Nitrate Operations
HRA	Hanford Reservation Material	Nitrate Operations
HRS	High resolution spectroscopy	Miscellaneous Operations
IA	Impure americium holding for discard	Nitrate Operations
IAM	Inspection and measurement	Special Processing Operations
IB	Matrix study of pyrochemical salts	Miscellaneous Operations
ICP	ICP-AES analysis	Miscellaneous Operations
ID	Immersion density	Metal Operations
IE	Isotope enrichment	Miscellaneous Operations
IHL	Induction Heating and Levitation	Pu-238 Operations
IN	Inspection	Metal Operations
IS	Incinerator	Nitrate Operations
ITF	Impact test facility	Metal Operations
ITF4	Impact test facility	Metal Operations
ITF7	Impact test facility	Metal Operations
IX	Ion exchange	Special Processing Operations
JA	Gas isostatic press	Metal Operations
KBTF	Kolsky bar test facility	Metal Operations
LC	Uranium plutonium processing	Nitrate Operations

Figure 5. Process/Status Code Index Table (Continued)

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
LD	Chloride leach & dissolution	Chloride Operations
LG1	Non combustible leach	Nitrate Operations
LG2	Hydroxide cake dissolution	Nitrate Operations
LI	XF6 experimental measurements	Miscellaneous Operations
LIBS	Laser-induced breakdown spectroscopy system	Miscellaneous Operations
LR	Ion exchange	Nitrate Operations
M1, M2, MM, M4	Materials Management	Miscellaneous Operations
MA	Machining	Metal Operations
MAG	Magnetic separation	Nitrate Operations
MAS	RD&D experimental processes	Nitrate Operations
MB	Nitric dissolution of molten salts	Chloride Operations Nitrate Operations
MBC	Crystal	Metal Operations
ME	Metallography	Miscellaneous Operations
MELL	Mediated electro-oxidation of LLW	Nitrate Operations
MF	Metals furnace	Nitrate Operations
MIS	Material identification and surveillance	Miscellaneous Operations
ML	Non-Pu metal leach	Nitrate Operations
MO	Metal oxidation, room 429	Pyrochemical Operations
MOX	Mixed oxide fuel production	Metal Operations
MP	Metal preparation	Pyrochemical Operations
MPD	Cascade dissolver	Nitrate Operations
MR	Material Reclamation	Pu-238 Operations
MS	Molten salts purification dissolution	Chloride Operations
MTL	Metallography-Plutonium-238 Operations	Pu-238 Operations
MW	Metal working	Metal Operations
NC	Noncombustible leach	Nitrate Operations

Figure 5. Process/Status Code Index Table (Continued)

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
NCD	Nonconforming drums	Miscellaneous Operations
NEPTUNIUM	Neptunium	Pyrochemical Operations
NL	Noncombustible leach	Nitrate Operations
NP	Nitrate processing	Special Operations
NR	Nitrate recovery	Nitrate Operations
OB	Oxide blending	Metal Operations
OD	Oxide dissolution	Nitrate Operations
OH	Hydroxide precipitation	Nitrate Operations
OM	Oxygen to metal ratio determination	Metal Operations
OR	Direct oxide reduction	Pyrochemical Operations
OY	Oxalate precipitation	Nitrate Operations
P1	Routine Pu-238 Heat Source	Pu-238 Operations
PA	Passivation	Nitrate Operations
PAF	Passivation furnaces	Nitrate Operations
PB	Pu-beryllium source recovery	Chloride Operations
PCH	Plasma chemistry	Metal Operations
PD	Pit disassembly	Metal Operations
PE	Sputtering process	Metal Operations
PF	Plutonium surfaces	Metal Operations
PH	Thermal hydride/dehydride	Metal Operations
PI	Preparation of isotopes	Special Processing Operations
PIG	Welding	Metal Operations
PK	Pickling and nitrate holding	Pyrochemical Operations
POSM	Processing out-of-specification material	Special Operations
PP	Pellet Production	Pu-238 Operations
PPD	Pu pellet dissolution	Special Operations
PR	Peroxide precipitation	Nitrate Operations
PRR	Pyrochemical residue recovery	Chloride Operations
PS	Peroxide precipitation of MSE salts	Nitrate Operations

Figure 5. Process/Status Code Index Table (Continued)

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
PSE	Plutonium standards extrusion	Metal Operations
PT	Plutonium-thorium separation	Nitrate Operations
PTP	Plutonium trichloride preparation	Pyrochemical Operations
PTS	RD&D pretreatment study	Nitrate Operations
PUB	Pu/Be source recovery	Chloride Operations
PX	Pyrochemical R&D	Special Operations
R8	Routine Pu-238 Solidification/Recovery of Pu-238 from Sucrose	Pu-238 Operations
RA	Recovery of anodes	Pyrochemical Operations
RAP	Research alloy preparation	Metal Operations
RAP2	Research alloy preparation	Metal Operations
RASS/RSS	Raman spectroscopy system	Miscellaneous Operations
RB	Roasting and blending	Nitrate Operations
RBJ	Roasting and blending Jr	Nitrate Operations
RC	Rotary calciner	Nitrate Operations
RCI	Recovery of Pu-238 from contaminated Iridium	Pu-238 Operations
RCM	Rich column material ion exchange	Nitrate Operations
RD	Repackaging into retrievable drums	Miscellaneous Operations
RFX	Ion exchange	Nitrate Operations
RL	Radiochemical coating	Metal Operations
RM	Reduction to metal	Special Processing Operations
RO	Oil recovery	Nitrate Operations
RR	Ion exchange	Nitrate Operations
RS	Pellet sintering	Metal Operations
SA	Super acid RD&D	Miscellaneous Operations
SB	Scrap burning	Special Processing Operations
SBB	Ca/Al scrubbing RD&D	Special Processing Operations

Figure 5. Process/Status Code Index Table (Continued)

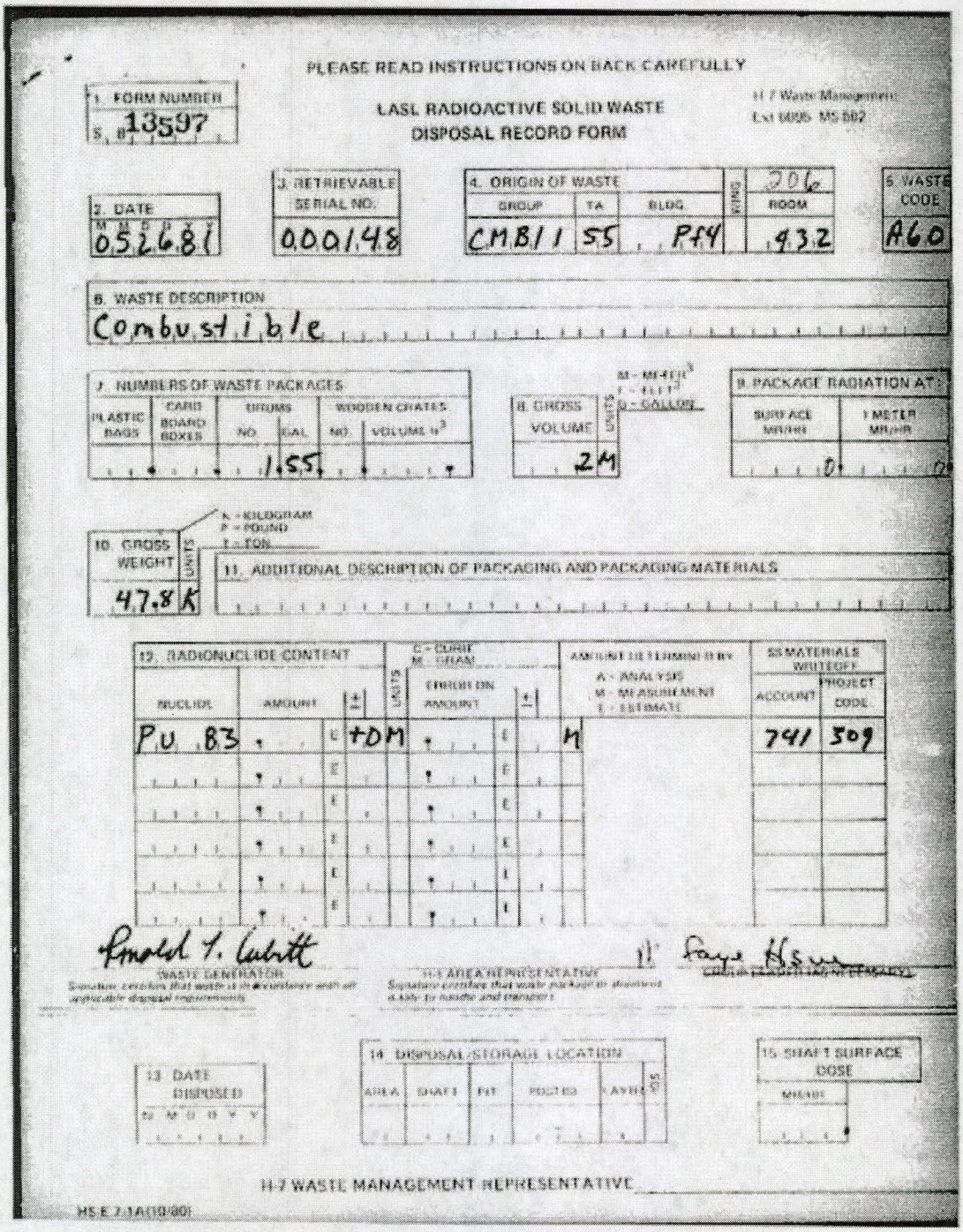
P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
SC	Cascade dissolver, G437	Nitrate Operations
SCB	Chlorination Ca/Al scrubbing RD&D	Pyrochemical Operations
SCP	Routine Pu-238 Scrap Processing	Pu-238 Operations
SD	Salt distillation	Pyrochemical Operations
SE	Solvent extraction	Chloride Operations
SL	Scrap leaching	Special Processing Operations
SMA	Surveillance machining	Metal Operations
SMIS	Long-Term Storage/Compatibility Testing	Miscellaneous Operations
SMP	SP mounting preparation	Miscellaneous Operations
SO	Super oxidizer, FOOF program	Miscellaneous Operations
SP	Scrap dissolution, G438	Nitrate Operations
SRL	Special recovery line	Metal Operations
SS	Salt stripping	Pyrochemical Operations
SSD	Special scrap dissolution	Nitrate Operations
SSMD	SS material development	Pyrochemical Operations
STF	Standard fabrication	Miscellaneous Operations
SURF	Plutonium surfaces	Metal Operations
SX	Americium processing silicon removal	Nitrate Operations
TDC	Thermal decomposition of cellulose items	Nitrate Operations
TSC	Thermal stabilization of cellulosic material	Nitrate Operations
TIGR	Thermally induced gallium removal	Metal Operations
UA	Uranium fabrication	Metal Operations
UCON	Uranium conversion	Metal Operations
UPS	Uranium/plutonium separation	Nitrate Operations

Figure 5. Process/Status Code Index Table (Continued)

P/S Code	P/S Name	Operations Process Report in which this P/S Code is Described*
US	Uranium separation for solid solution feed	Nitrate Operations
US2	Uranium separation for non-solid solutions feed	Nitrate Operations
VC	Variable CSMO scrap dissolution	Nitrate Operations
VD	Vapor degreaser and sand blasting	Metal Operations
VP1	CSMO scrap dissolution	Nitrate Operations
VP2	Polycube processing	Nitrate Operations
VP3	Hydroxide precipitation	Nitrate Operations
VS	Confirmation, inspection & sampling	Miscellaneous Operations
VU	Vessel unloading	Special Processing Operations
VUL	Vessel unloading	Nitrate Operations
WD	Welding and Decontamination for GPHS	Pu-238 Operations
WE	Welding	Metal Operations
WLT	Welding leak test	Metal Operations
WM	Waste management	Miscellaneous Operations
WS	Pu-238 Direct Oxide Reduction	Pu-238 Operations
X0	Inactive or unspecified P/S material	Miscellaneous Operations
XES	X-ray energy spectroscopy	Miscellaneous Operations
XO	Inactive or unspecified P/S material	Miscellaneous Operations
XP	RD&D experimental processes	Miscellaneous Operations
ZD	Scrap oxide dissolution	Nitrate Operations

*Operations Process Reports: Chloride Operations (Reference D007), Metal Operation Processes (References D011 and D029), Miscellaneous Operations (References D009 and D032), Nitrate Operations (References D008 and D036), Pyrochemical Operations (References D011 and D028), Special Processing Operations (References D010 and D030), and Pu-238 Operations (Reference D080). Timelines for the P/S Codes can be found in these Operations Process Reports.

Figure 6. Example Generator Container Specific Documentation



PLEASE READ INSTRUCTIONS ON BACK CAREFULLY

1. FORM NUMBER: 13597

LASL RADIOACTIVE SOLID WASTE DISPOSAL RECORD FORM

H-7 Waste Management Ext 6095 MS 982

2. DATE: 05 26 81

3. RETRIEVABLE SERIAL NO.: 000148

4. ORIGIN OF WASTE: GROUP CMB-1 | TA 55 | BLDG P-14 | KIND | ROOM 306 | 432

5. WASTE CODE: A60

6. WASTE DESCRIPTION: Combustible

7. NUMBERS OF WASTE PACKAGES: PLASTIC BAGS | CARD BOARD BOXES | DRUMS NO. | DRUMS GAL. | WOODEN CRATES NO. | WOODEN CRATES VOLUME ft³: 1 55

8. GROSS VOLUME: 2 | UNITS: M (M = METER³, F = FEET³, G = GALLON)

9. PACKAGE RADIATION AT: SURFACE MR/HR: 0 | 1 METER MR/HR: 0

10. GROSS WEIGHT: 47.8 | UNITS: K (K = KILOGRAM, P = POUND, T = TON)

11. ADDITIONAL DESCRIPTION OF PACKAGING AND PACKAGING MATERIALS

12. RADIONUCLIDE CONTENT

NUCLIDE	AMOUNT	±	UNITS (C = CURIE, M = GRAM)	ERROR ON AMOUNT	±	AMOUNT DETERMINED BY (A = ANALYSIS, M = MEASUREMENT, E = ESTIMATE)	55 MATERIALS WRITEOFF ACCOUNT	PROJECT CODE
Pu 239		E	+D M		E	M	741	309
		E			E			
		E			E			
		E			E			
		E			E			

Arnold T. Cubitt
WASTE GENERATOR
Signature certifies that waste is in accordance with all applicable disposal requirements

H-1 AREA REPRESENTATIVE
Signature certifies that waste package is disposal safe to handle and transport

Faye Hsu
CERTIFIED TRANSPORTATION AGENT

13. DATE DISPOSED: S M D Y Y

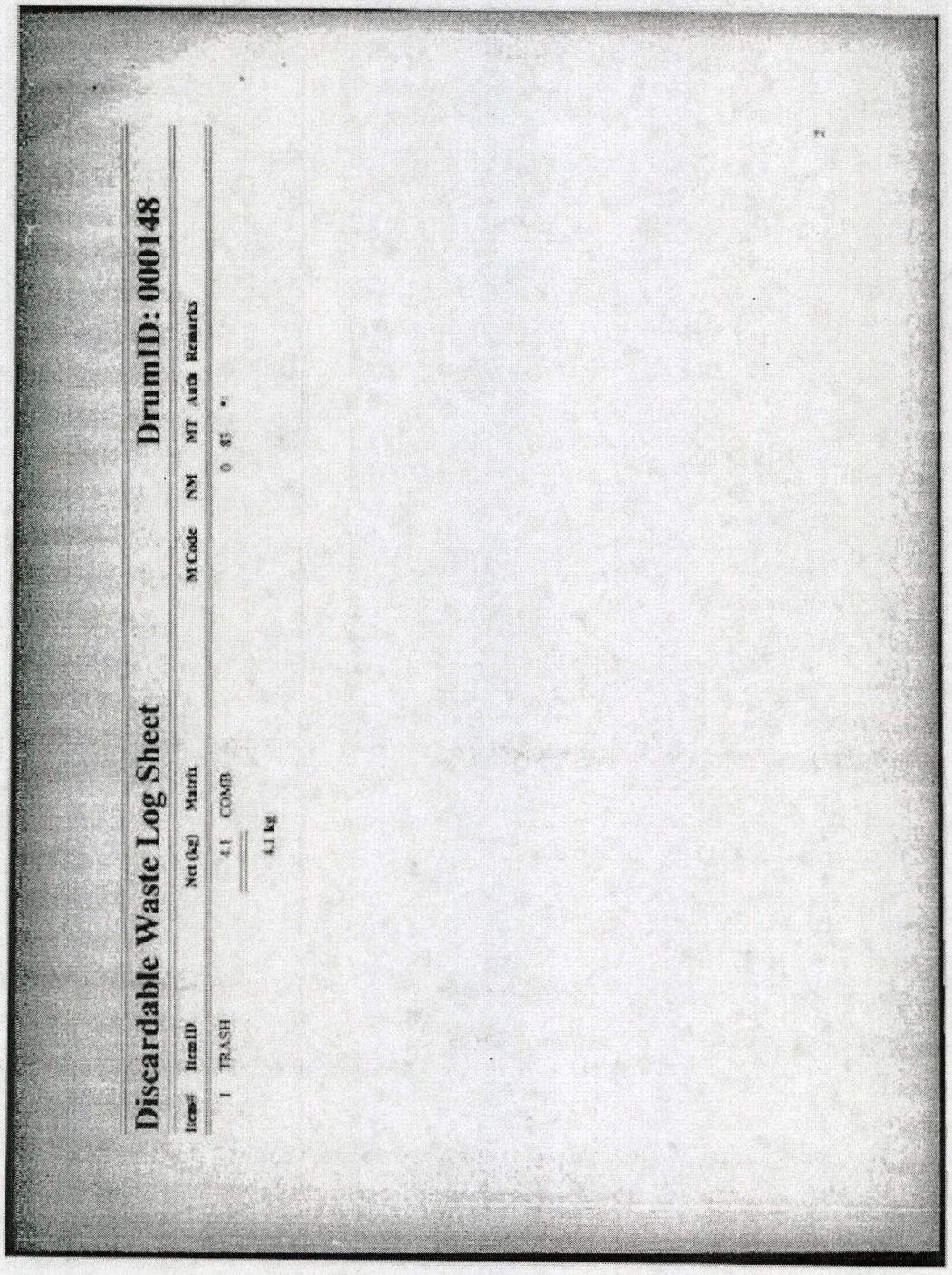
14. DISPOSAL/STORAGE LOCATION: AREA | SHAFT | PIT | POSITION | LAYER | SS

15. SHAFT SURFACE DOSE: MR/HR

H-7 WASTE MANAGEMENT REPRESENTATIVE

HS-E 7-1A(10/80)

Figure 6. Example Generator Container Specific Documentation (Continued)



Discardable Waste Log Sheet

DrumID: 000148

Item#	ItemID	Net (kg)	Matrix	M Code	NM	MT	Anlz	Remarks
1	TRASH	4.1	COMB		0	55		
		4.1 kg						

Figure 6. Example Generator Container Specific Documentation (Continued)

Los Alamos
NATIONAL LABORATORY

TRU WASTE STORAGE RECORD

LA000000577745

1. GENERATOR'S PRE-USE VISUAL INSPECTION

Purchase Order #	2328415	Inspected Items		
This container has been visually inspected according to approved procedures and has been found to be free of damage that would make it unsuitable for TRU waste packaging.		[X] Ring, Bolt, and Nut	[X] Chime	[X] Dents
		[X] Lid and Gasket	[X] Gouges	[X] Paint
Name		Znumber 091564		Date NOV 23 1998

2. GENERATOR'S PACKAGE INFORMATION

Group NMT-7	Technical Area 55	Building PF-4	Program Code 8J0700 KG19 2000 1000	[ ] Off-Normal
Additional Information TID				

CONTAINER	LINER	INTERNAL SHIELDING
[X] Steel Drum (55 gal.)	[X] None	[X] None
[ ] Steel Drum (85 gal.)	[ ] 90 mil liner	
[ ] Standard Waste Box	[ ] 125 mil liner	
[ ] RH Canister		
[ ] Other (Call TWCO)		
[ ] Overpack	Type	Thickness (in.)
Carbon Filter ID 01 2080		
Carbon Filter ID 02		

RADIONUCLIDE CONTENT

Nuclide	Amount	Uncertainty	C = Curie M = Gram
PU-238	4.040E-3	1.867E-4	M
PU-239	3.788E+1	1.751E+0	M
PU-240	2.424E+0	1.120E-1	M
PU-241	8.079E-2	3.734E-3	M
PU-242	8.079E-3	3.734E-4	M
AM-241	6.423E-2	2.969E-3	M

Waste Profile Request Number	20283
Process Batch Code	NA
Gross Weight (lb.)	2.21E+2
Net Weight (lb.)	1.60E+2
Shipping Category	2001700110
LANL Waste Stream ID	TA-55-5
TRUCON Code	117C
Date Closed (MMDDYY)	DEC 2 1998

[ ] PDP Program Tracking No:

NONRADIOACTIVE HAZARDOUS MATERIALS

Name	EPA Code	Quantity (g)
None		

Accumulation Start Date (MMDDYY)

The data in this section were collected, and the waste described herein was packaged and labeled according to approved procedures.

Name [redacted] Znumber [redacted] Date DEC 8 1998

3. GENERATOR SITE HEALTH PHYSICS INFORMATION

		Survey Date	Survey Meter Model	Property	Calibration Void Date
Gamma Dose Rate (mrem/h) (contact)	4.2E+0	DEC 8 1998	RO20	006469	APR 14 1999
Neutron Dose Rate (mrem/h) (contact)	5.0E-1	DEC 8 1998	PNR-4	004904	APR 28 1999
Total Dose Rate (mrem/h) (contact)	4.7E+0				
Total Dose Rate (mrem/h) (1 meter)	2.0E-1	*The data in this section were collected according to approved procedures.*			
Alpha Contamination (dpm/100cm^2) (rem)	0.0E+0	Name			
Beta-Gamma Cont. (dpm/100cm^2) (rem)	0.0E+0	Znumber [redacted]		Date	DEC 8 1998

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Modifications to Computer Generated Data Invalidate this Form

Figure 6. Example Generator Container Specific Documentation (Continued)

Los Alamos
NATIONAL LABORATORY

DISCARDABLE WASTE
LOG SHEET

Item ID	Matrix	Pkg Wt (kg)	Qty	Volume (l)	MT	SNM(g)	Uncert(g)	Pg/Section/Ln OR Memo
[redacted]	Metal (Non-Pu Scrap)	8.49			S2	10.697	1.558	8/14
	Metal (Non-Pu Scrap)	3.18			S2	0.760	0.400	8/14
	Metal (Non-Pu Scrap)	10.28			S2	0.775	0.423	8/14
	Metal (Non-Pu Scrap)	5.05			S2	0.635	0.329	8/14
	Metal (Non-Pu Scrap)	23.42			S2	1.035	0.290	8/14
	Metal (Non-Pu Scrap)	20.94			S2	21.226	0.725	8/14
	MgO Crucible (Chloride)	0.59			S2	1.901	0.026	8/21
	MgO Crucible (Chloride)	0.64			S2	3.366	0.033	8/21

MT	Total SNM	Total Uncert
S2	40.395000	3.784000

Total Pkg Wt (lbs)	160.03
Drum Tare (lbs)	60.96
Calc Gross Wt (lbs)	220.99
Meas Gross Wt (lbs)	221.08

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Figure 6. Example Generator Container Specific Documentation (Continued)

TRU Waste Origination & Disposition Information

Itemid	Matrix				Date
[redacted]	Metal (Non-Pu Scrap)				NOV 19 1998
Quantity / Gross Wt (kg)	Tare Wt	Net Wt (kg)	Volume (l)		Process Status
7.50		7.50			BM
Generator		Znumber	Room		Phone
		[redacted]	208		7-2547
Waste Process	Assay	Combined Info		Drumid	
Solid Waste Processing	NDA Laboratory			LA00000057745	

Beryllium NO	Explosives NO	PCB's NO
Compressed Gases NO	Free Liquids NO	Particulates NO
Corrosive NO	Hazardous NO	Pyrophorics NO

Comments
bagout filter#249

Assay Information

Isotope	MT	SNM (g)	Uncert (g)	Mcode	Limit SNM (g)/unit	Date	By
PU-239	52	10.697000	1.558000	N02	3.31	1.426 NOV 24 1998	

Justification Memos

Memo ID
NONE

Hazardous Materials

EPA Code	Material	Wt (g)
NONE.		

History

Date	Name	Event	Comments
NOV 19 1998		CERTIFIED	
NOV 24 1998		PACKED	LA00000057745
NOV 24 1998		CERTIFIED	added bagout filter #

Figure 6. Example Generator Container Specific Documentation (Continued)

TRU Waste Origination & Disposition Information

Itemid	Matrix					Date
[redacted]	Metal (Non-Pu Scrap)					NOV 23 1998
Quantity: 1	Gross Wt (kg): 2.80	Tare Wt:	Net Wt (kg): 2.80	Volume (l):		Process Status: EOC
Generator:				Z number: [redacted]	Room: 208	Phone: 7-2547
Waste Process: Solid Waste Processing		Assay: NDA Laboratory		Combined info:	Drumid: LA00000057745	

Beryllium: NO	Explosives: NO	PCB's: NO
Compressed Gases: NO	Free Liquids: NO	Particulates: NO
Corrosive: NO	Hazardous: NO	Pyrophorics: NO

Comments: scrap metal Filter 497

Assay Information

Isotope	MT	SNM (g)	Uncert (g)	Mcode	Limit	SNM (g)/unit	Date	By
PU-239	52	0.760000	0.400000	N02	3.31	0.271	NOV 30 1998	

Justification Memos

Memo ID
NONE

Hazardous Materials

EPA Code	Material	Wt (g)
NONE		

History

Date	Name	Event	Comments
NOV 23 1998		CERTIFIED	
DEC 1 1998		PACKED	LA00000057745
DEC 1 1998		CERTIFIED	add fil

Figure 6. Example Generator Container Specific Documentation (Continued)

TRU Waste Origination & Disposition Information

Itemid [redacted]	Matrix: Metal (Non-Pu Scrap)			Date: NOV 23 1998
Quantity: 1	Gross Wt (kg): 4.64	Tare Wt:	Net Wt (kg): 4.64	Volume (l):	Process Status: OM
Generator:		Container: [redacted]	Room: 126	Phone: 7-2370
Waste Process: Solid Waste Processing	Assay: NDA Laboratory	Combined Info:	Drumid: LA00000057745	

Beryllium NO	Explosives NO	PCB's NO
Compressed Gases NO	Free Liquids NO	Particulates NO
Corrosive NO	Hazardous NO	Pyrophorics NO

Comments: balance parts bagout filter#318

Assay Information

Isotope	MT	SNM (g)	Uncert (g)	Mcode	Limit	SNM (g)/unit	Date	By
PU-239	52	0.635000	0.329000	N02	3.31	0.137	DEC 1 1998	

Justification Memos

Memo ID
NONE

Hazardous Materials

EPA Code	Material	Wt (g)
NONE		

History

Date	Name	Event	Comments
NOV 23 1998		CERTIFIED	
DEC 2 1998		PACKED	LA00000057745
DEC 2 1998		CERTIFIED	added bagout filter #

Figure 6. Example Generator Container Specific Documentation (Continued)

TRU Waste Origination & Disposition Information

Itemid	Matrix				Date
[redacted]	Metal (Non-Pu Scrap)				NOV 17 1998
	Tare Wt	Net Wt (kg)	Volume (l)		Process Status
20.59		20.59			TIGR
Generator			Container [redacted]	Room 114	Phone 5-6161
Waste Process	Assay		Combined into		Drumid
Solid Waste Processing	NDA Laboratory				LA00000057745

Beryllium NO	Explosives NO	PCB's NO
Compressed Gases NO	Free Liquids NO	Particulates NO
Corrosive NO	Hazardous NO	Pyrophorics NO

Comments
copper tubing and furnace parts filter 230,234

Assay Information

Isotope	MT	SNM (g)	Uncert (g)	Mcode	Limit	SNM (g)/unit	Date	By
PU-239	52	1.035000	0.290000	N02	3.31	0.050	NOV 23 1998	

Justification Memos

Memo ID
NONE

Hazardous Materials

EPA Code	Material	Wt (g)
NONE		

History

Date	Name	Event	Comments
NOV 17 1998		CERTIFIED	
NOV 23 1998		PACKED	LA00000057745
NOV 23 1998		CERTIFIED	add filter

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Figure 6. Example Generator Container Specific Documentation (Continued)

TRU Waste Origination & Disposition Information

Drumid [redacted]	Matrix: Metal (Non-Pu Scrap)					Date: NOV 17 1998
Quantity: 1	Gross Wt (kg): 20.04	Tare Wt:	Net Wt (kg): 20.04	Volume (l):		Process Status: XO
Generator:				Znumber: [redacted]	Room: 401	Phone: 7-2572
Waste Process: Solid Waste Processing		Assay: NDA Laboratory		Combined into:		Drumid: LA00000057745

Beryllium NO	Explosives NO	PCB's NO
Compressed Gases NO	Free Liquids NO	Particulates NO
Corrosive NO	Hazardous NO	Pyrophorics NO

Comments: parts from furnaces, motors, pumps bagout filter #90,167

Assay Information

Isotope	MT	SNM (g)	Uncert (g)	Mcode	Limit	SNM (g)/unit	Date	By
PU-239	52	21.226000	0.725000	N02	3.31	1.059	NOV 30 1998	

Justification Memos

Memo ID
NONE

Hazardous Materials

EPA Code	Material	Wt (g)
NONE		

History

Date	Name	Event	Comments
NOV 18 1998		CERTIFIED	
DEC 2 1998		PACKED	LA00000057745
DEC 2 1998		CERTIFIED	
DEC 2 1998		CERTIFIED	updated gross wt

Figure 6. Example Generator Container Specific Documentation (Continued)

TRU Waste Origination & Disposition Information

Itemid	Matrix					Date
[redacted]	MgO Crucible (Chloride)					JUN 3 1998
Quantity: 1	Gross Wt (kg): 0.39	Tare Wt: 0.07	Net Wt (kg): 0.32	Volume (l):		Process Status: SS
Generator				Cnumber: [redacted]	Room: 429	Phone: 7-2577
Waste Process: Solid Waste Processing		Assay: NDA Laboratory		Combined Into		Drumid: LA00000057745

Beryllium NO	Explosives NO	PCB's NO
Compressed Gases NO	Free Liquids NO	Particulates NO
Corrosive NO	Hazardous NO	Pyrophorics NO

Comments
changed Id. to be able to discard, caxbl1035 No filter #s legacy item

Assay Information

Isotope	MT	SNM (g)	Uncert (g)	Mcode	Limit	SNM (g)/unit	Date	By
PU-239	52	1.901000	0.026000	PAN1	8.30	5.941	JUN 9 1998	

Justification Memos

Memo ID
NONE

Hazardous Materials

EPA Code	Material	Wt (g)
NONE		

History

Date	Name	Event	Comments
JUN 9 1998		CERTIFIED	
JUN 9 1998		PACKED	LA00000056889
JUN 9 1998		CERTIFIED	
SEP 29 1998		UNPACKED	LA00000056889
SEP 29 1998		CERTIFIED	
SEP 29 1998		PACKED	LA00000056889
SEP 29 1998		CERTIFIED	cert
NOV 24 1998		UNPACKED	LA00000056889
NOV 24 1998		PACKED	LA00000057745

Figure 6. Example Generator Container Specific Documentation (Continued)

TRU Waste Origination & Disposition Information

Tramid: [redacted]	Matrl: MgO Crucible (Chloride)				Date: JUN 3 1998
Quantity: 1	Gross Wt (kg): 0.55	Tare Wt: 0.05	Net Wt (kg): 0.50	Volume (l):	Process Status: SS
Generator:			Anumber: [redacted]	Room: 429	Phone: 7-2577
Waste Process: Solid Waste Processing		Assay: NDA Laboratory	Combined Into:		Drumid: LA00000057745

Beryllium NO	Explosives NO	PCB's NO
Compressed Gases NO	Free Liquids NO	Particulates NO
Corrosive NO	Hazardous NO	Pyrophorics NO

Comments:
changed id to be able to discard, caxbl17-98 No filter #s legacy item

Assay Information

Isotope	MT	SNM (g)	Uncert (g)	Mcode	Limit	SNM (g)/unit	Date	By
PU-239	52	3.366000	0.033000	PAN1	8.30	6.732	JUN 1 1998	

Justification Memos

Memo ID
NONE

Hazardous Materials

EPA Code	Material	Wt (g)
NONE		

History

Date	Name	Event	Comments
JUN 9 1998		CERTIFIED	
JUN 9 1998		PACKED	LA00000056889
JUN 9 1998		CERTIFIED	
SEP 29 1998		UNPACKED	LA00000056889
SEP 29 1998		PACKED	LA00000056889
SEP 29 1998		UNPACKED	LA00000056889
SEP 29 1998		CERTIFIED	
SEP 29 1998		PACKED	LA00000056889
SEP 29 1998		CERTIFIED	cert
NOV 24 1998		UNPACKED	LA00000056889
NOV 24 1998		PACKED	LA00000057745

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Figure 6. Example Generator Container Specific Documentation (Continued)

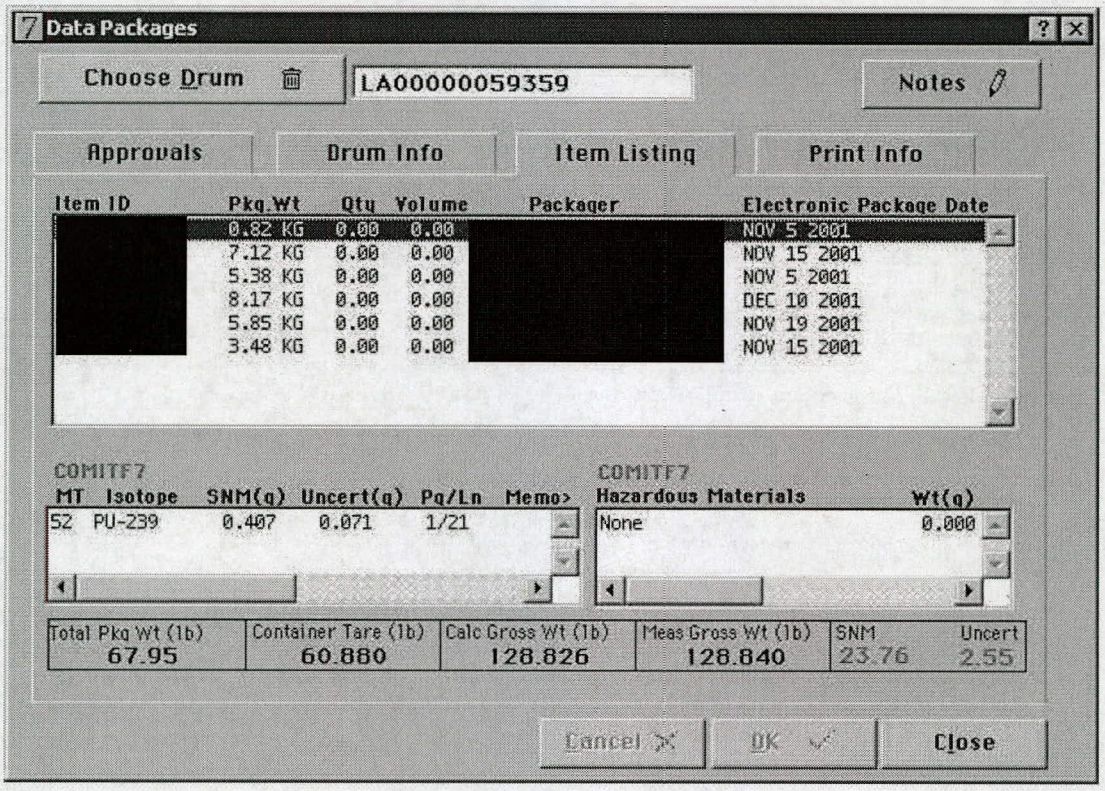


Figure 6. Example Generator Container Specific Documentation (Continued)

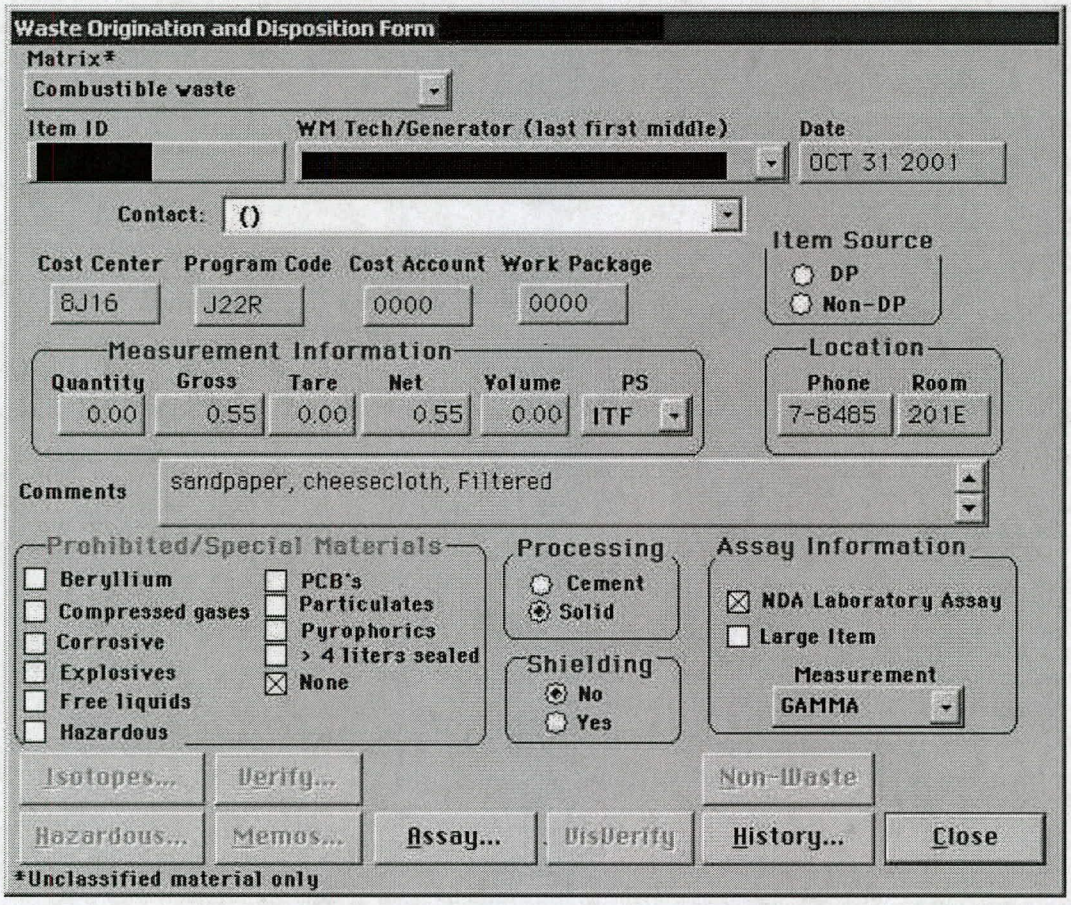


Figure 6. Example Generator Container Specific Documentation (Continued)

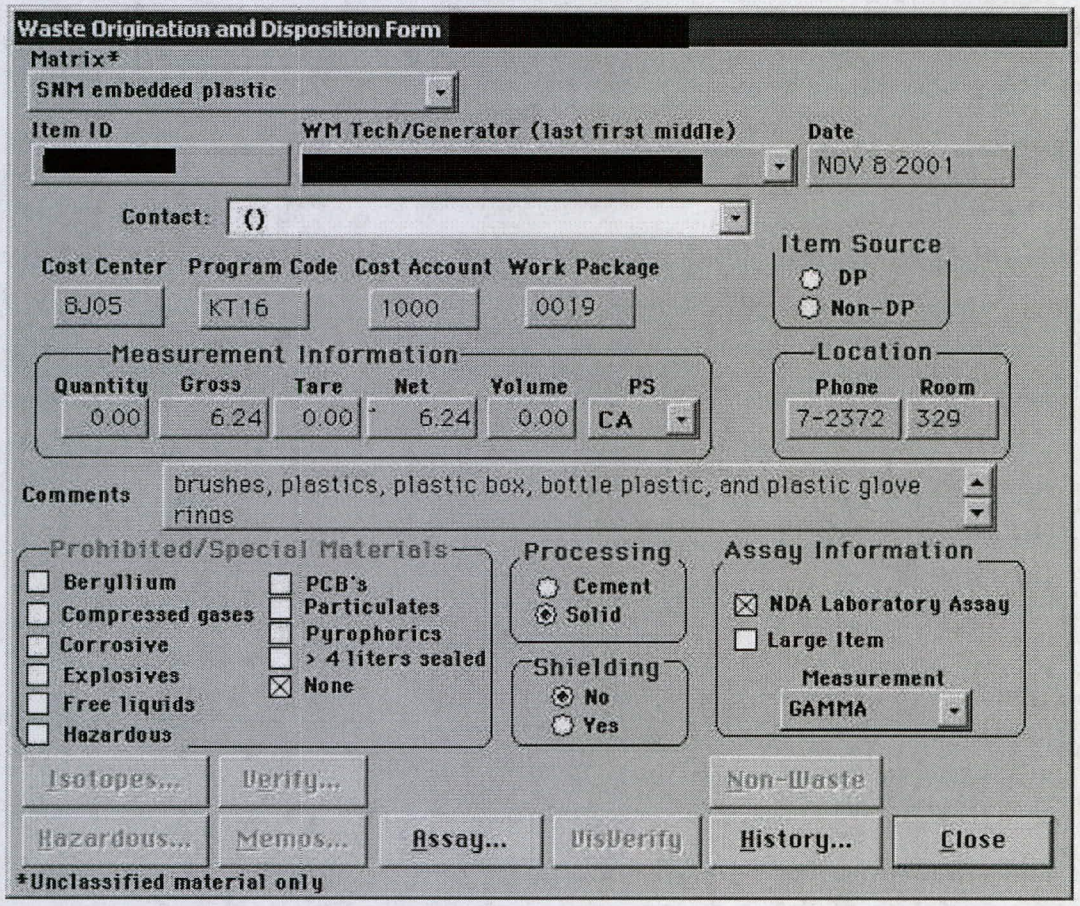


Figure 6. Example Generator Container Specific Documentation (Continued)

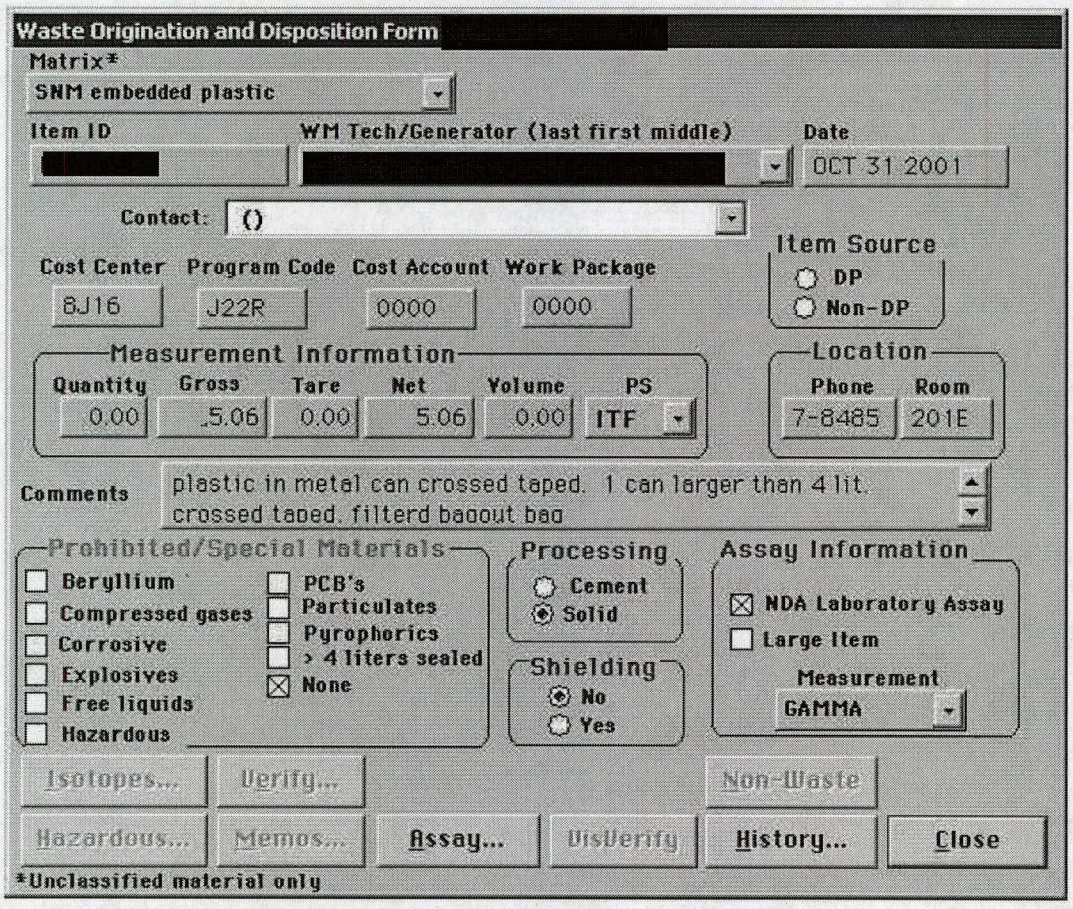


Figure 6. Example Generator Container Specific Documentation (Continued)

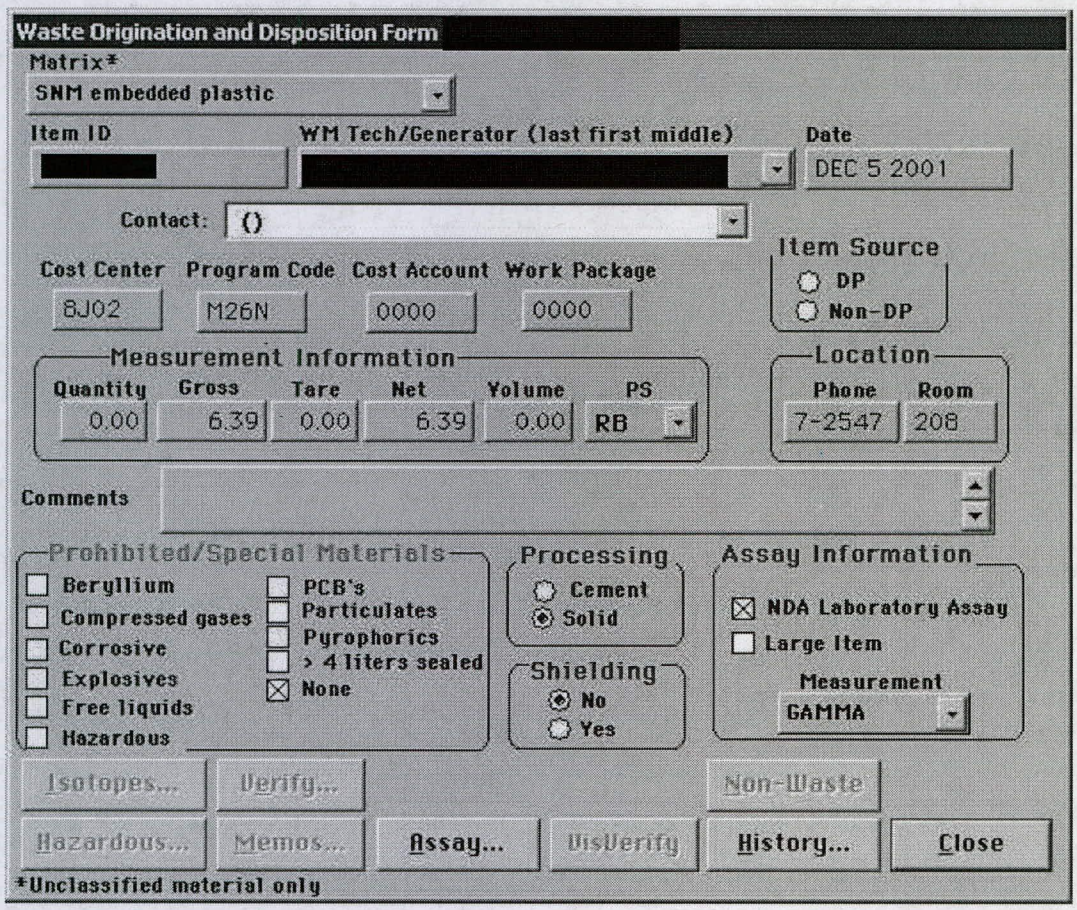


Figure 6. Example Generator Container Specific Documentation (Continued)

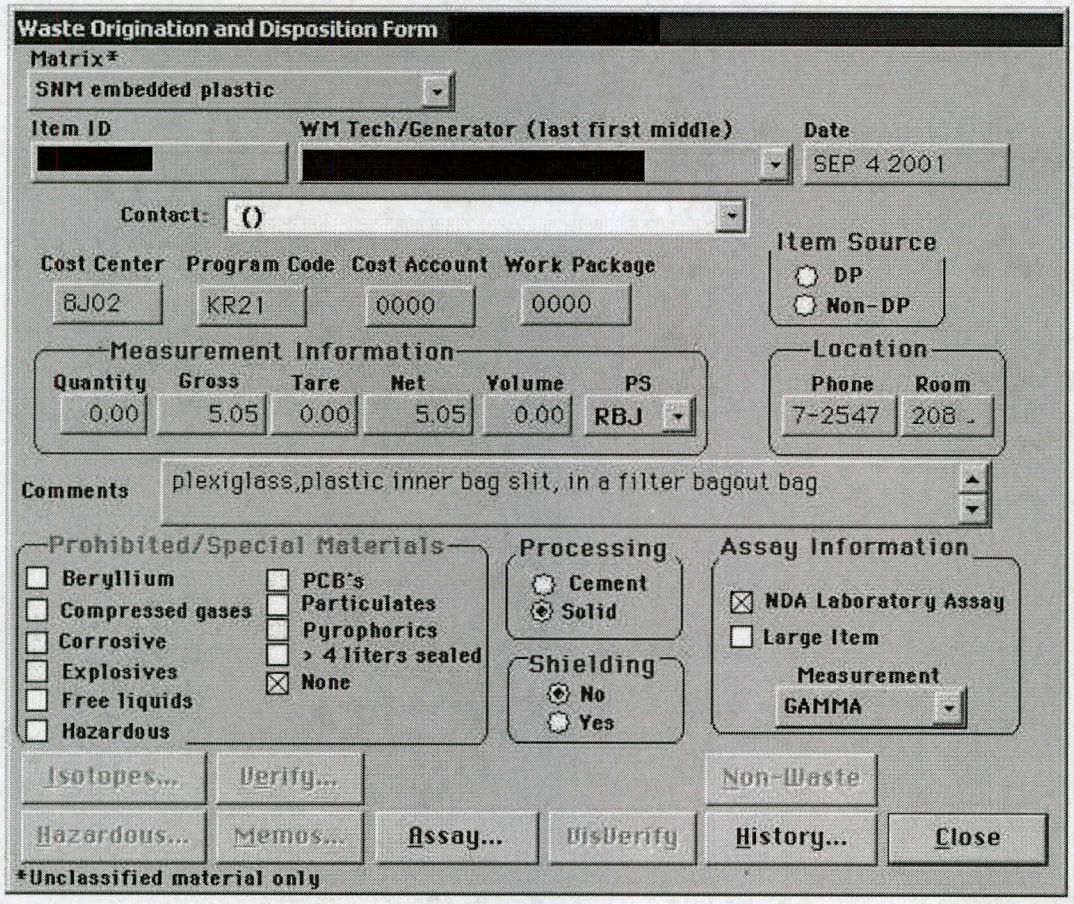


Figure 6. Example Generator Container Specific Documentation (Continued)

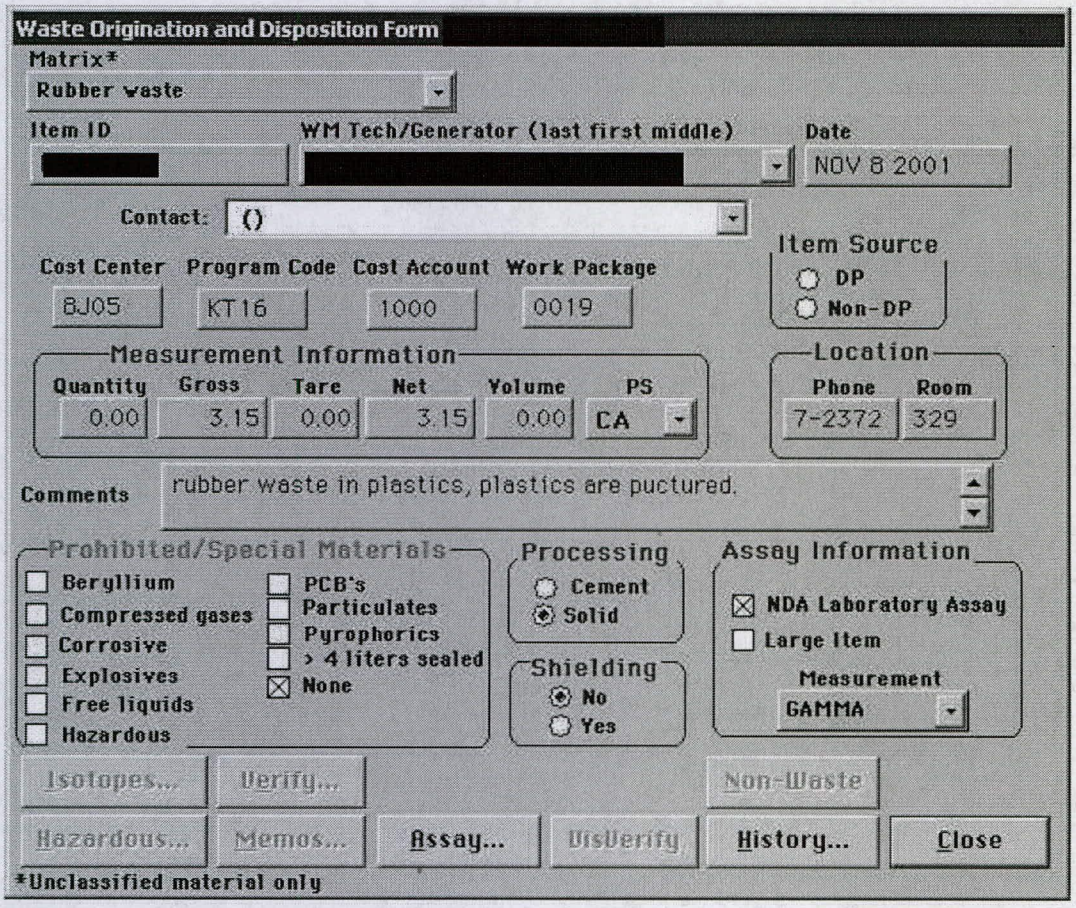


Figure 6. Example Generator Container Specific Documentation (Continued)

HEALTH·SAFETY·ENVIRONMENT FORM

LOS ALAMOS SCIENTIFIC LABORATORY

DATE

CHEMICAL WASTE DISPOSAL REQUEST

REQUESTED BY _____ PHONE _____

GROUP _____ LOCATION: TA-_____ BLDG. _____ AREA/WING _____ ROOM _____

WASTE VOLUME (ft^3) _____

NUMBER OF CONTAINERS (SIZE/TYPE) _____

WASTE FORM (check as appropriate):

☐ SOLID ☐ LIQUID ☐ GAS

COMMON NAMES OF CHEMICALS: _____

POTENTIAL HAZARDS (check as appropriate):

CORROSIVES ☐ Acids _____strong _____mild _____weak
☐ Bases _____strong _____mild _____weak

☐ FLAMMABLE ☐ TOXIC ☐ OTHER:
☐ EXPLOSIVE ☐ CARCINOGEN
☐ PYROPHORIC ☐ INFECTIOUS
☐ OIL ☐ UNKNOWN

CAN MATERIALS REACT VIOLENTLY WHEN EXPOSED TO:

AIR _____ WATER _____ OTHER CHEMICALS _____

If yes, give details: _____

OTHER USEFUL INFORMATION: _____

(TO BE COMPLETED BY H-7)

DISPOSAL RECORD

AREA _____ PIT/SHAFT _____ DATE _____ BY _____

MAIL THIS FORM TO WASTE MANAGEMENT, H-7, MS-~~B258~~ 574

6/80 HSE 7-5A

Figure 7. Process Flow Diagram for Nitrate Operations (Legacy)

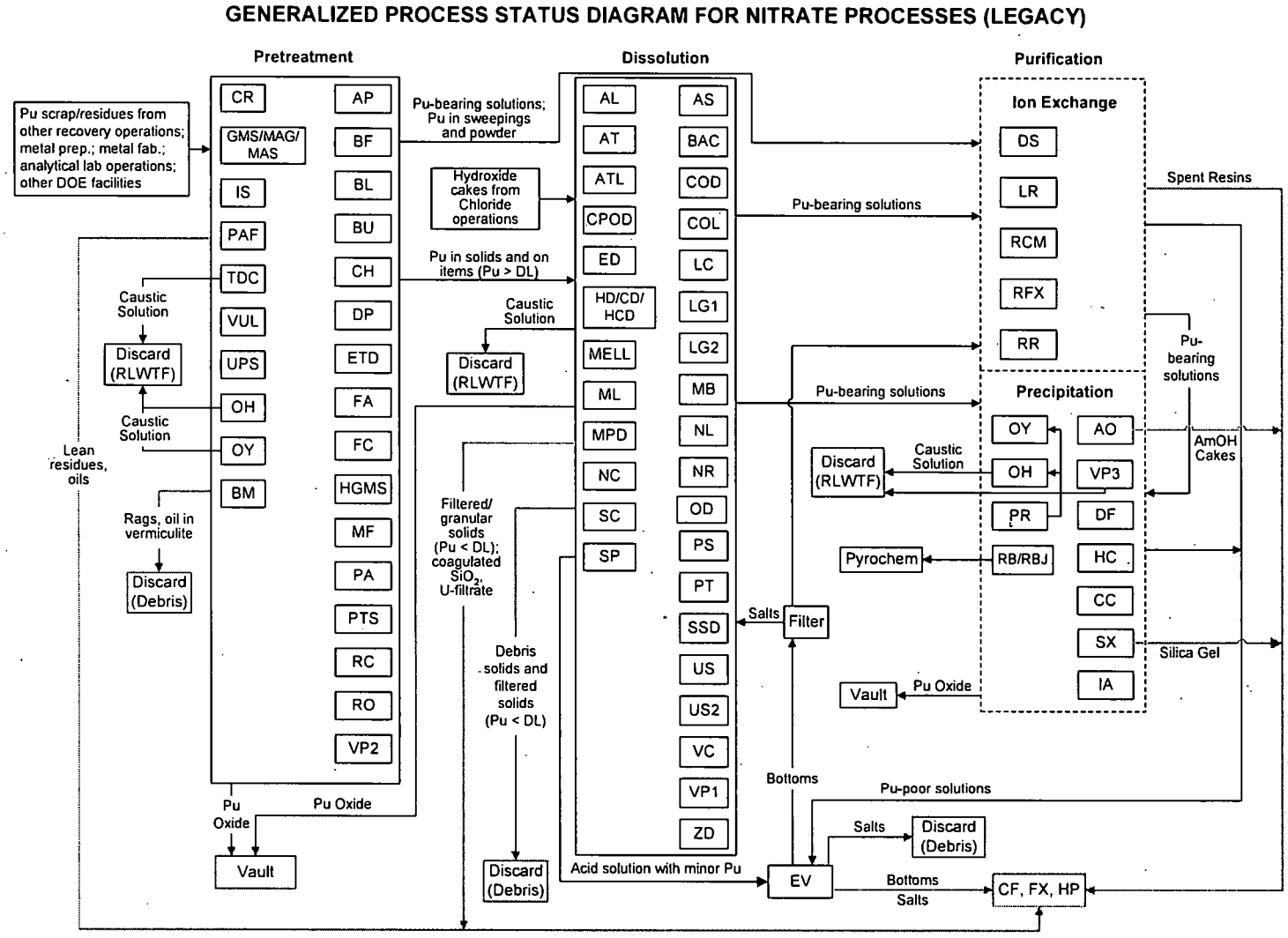
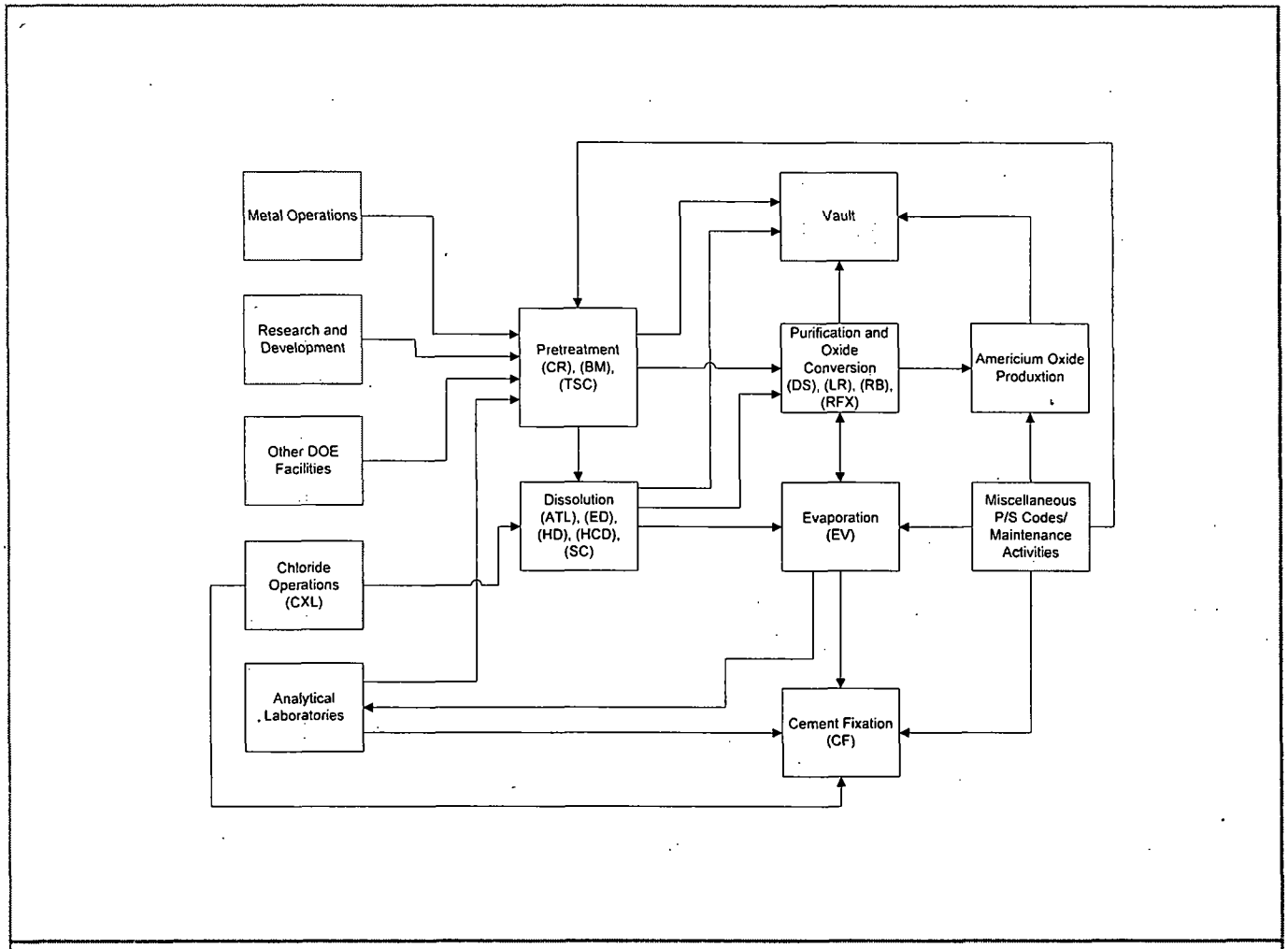


Figure 8. Process Flow Diagram for Nitrate Operations (Newly Generated)



Nitrate Processing Flow Diagram

Figure 9. Simplified Process Flow Diagram for Miscellaneous Operations (Legacy)

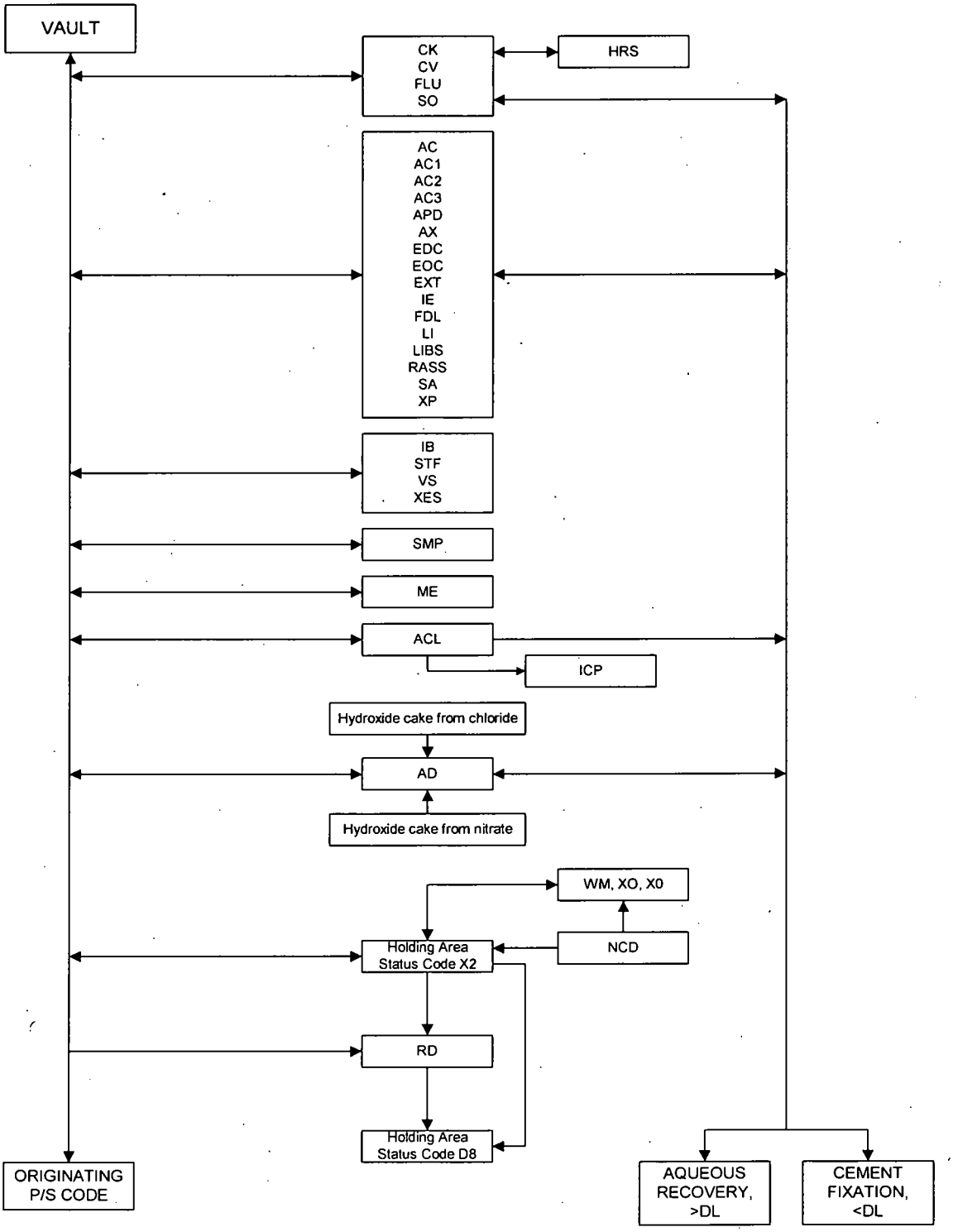


Figure 10. Simplified Process Flow Diagram for Miscellaneous Operations (Newly Generated)

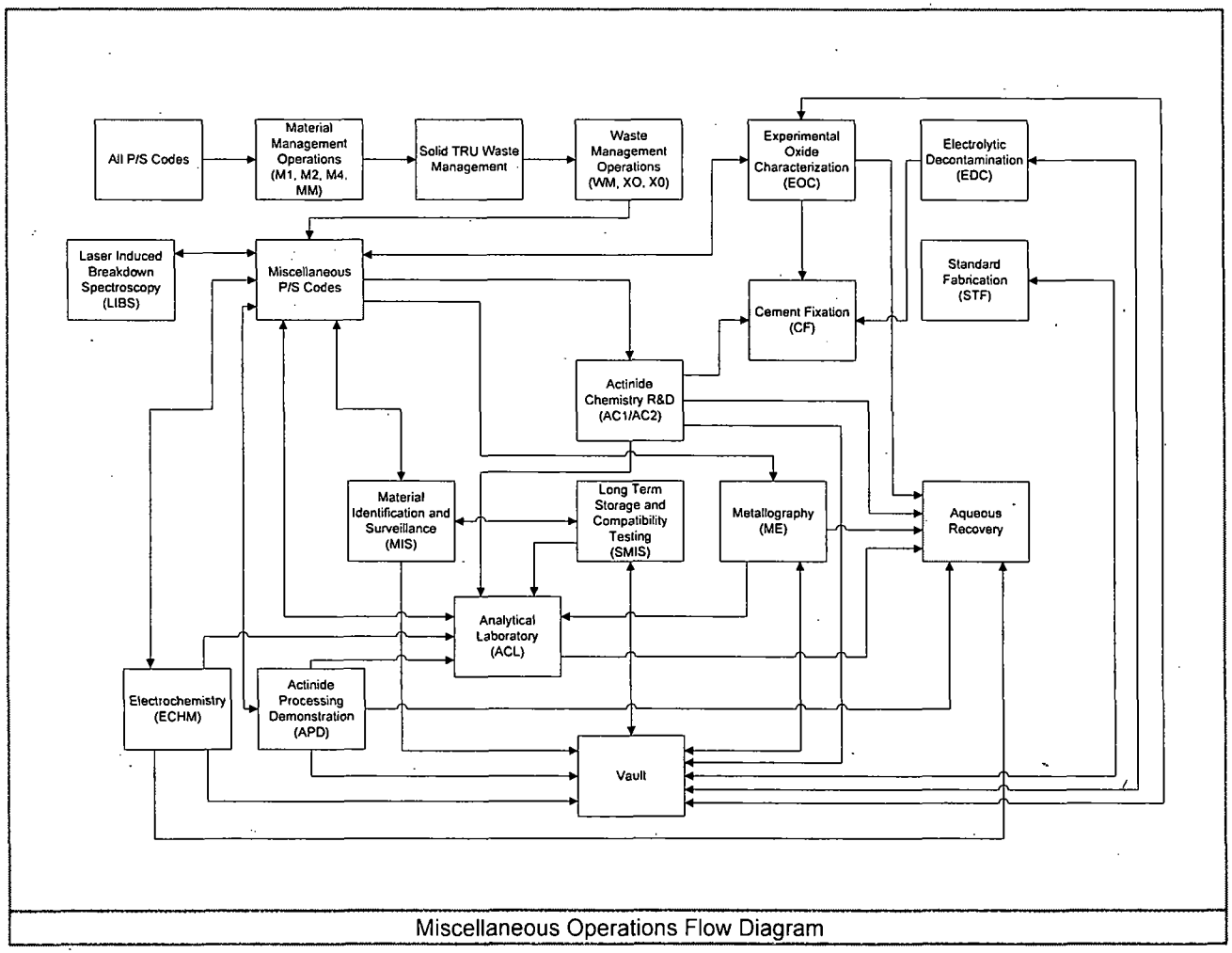


Figure 11. Simplified Process Flow Diagram for Special Processing (Legacy)

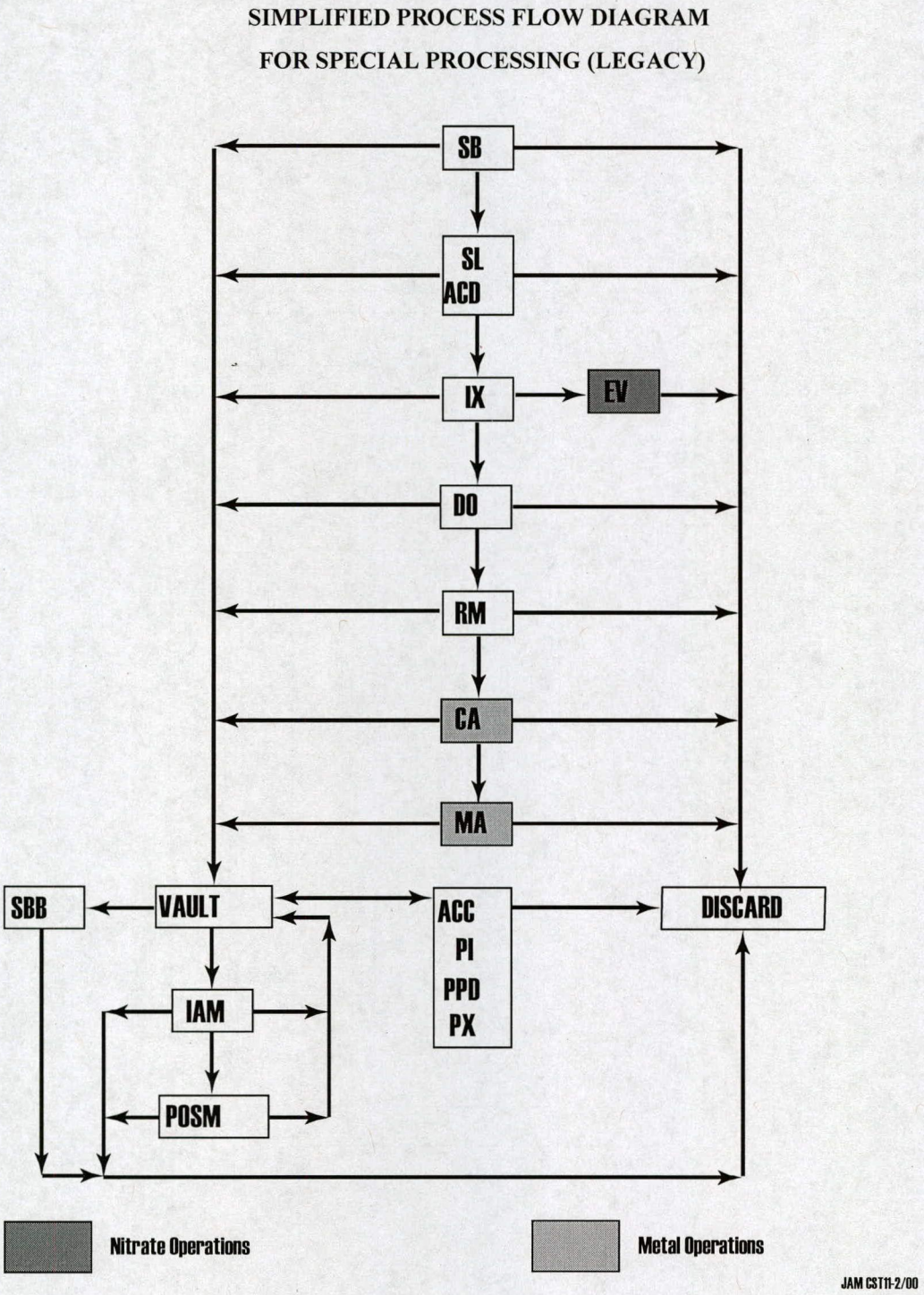


Figure 12. Simplified Process Flow Diagram for Special Operations (Newly Generated)

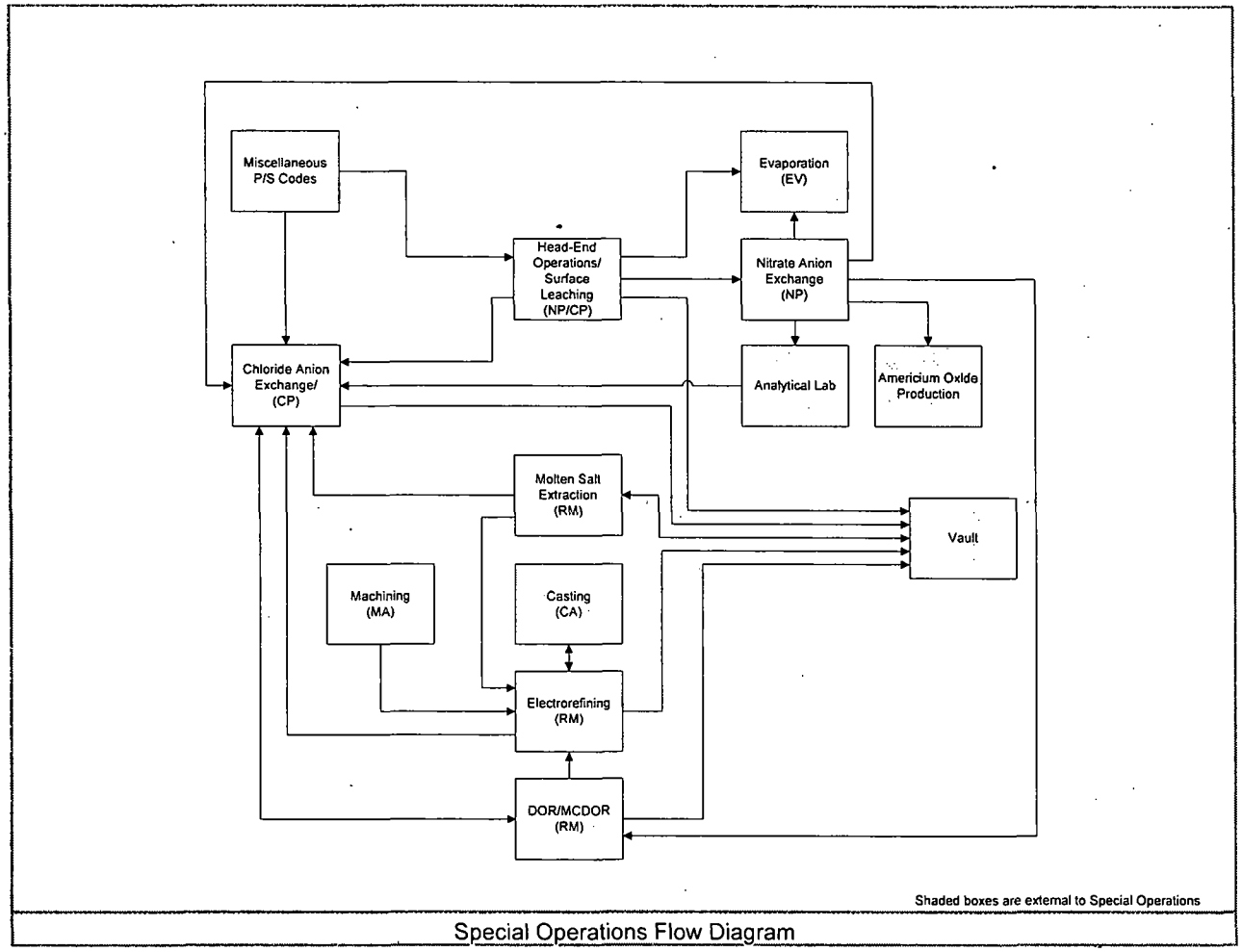
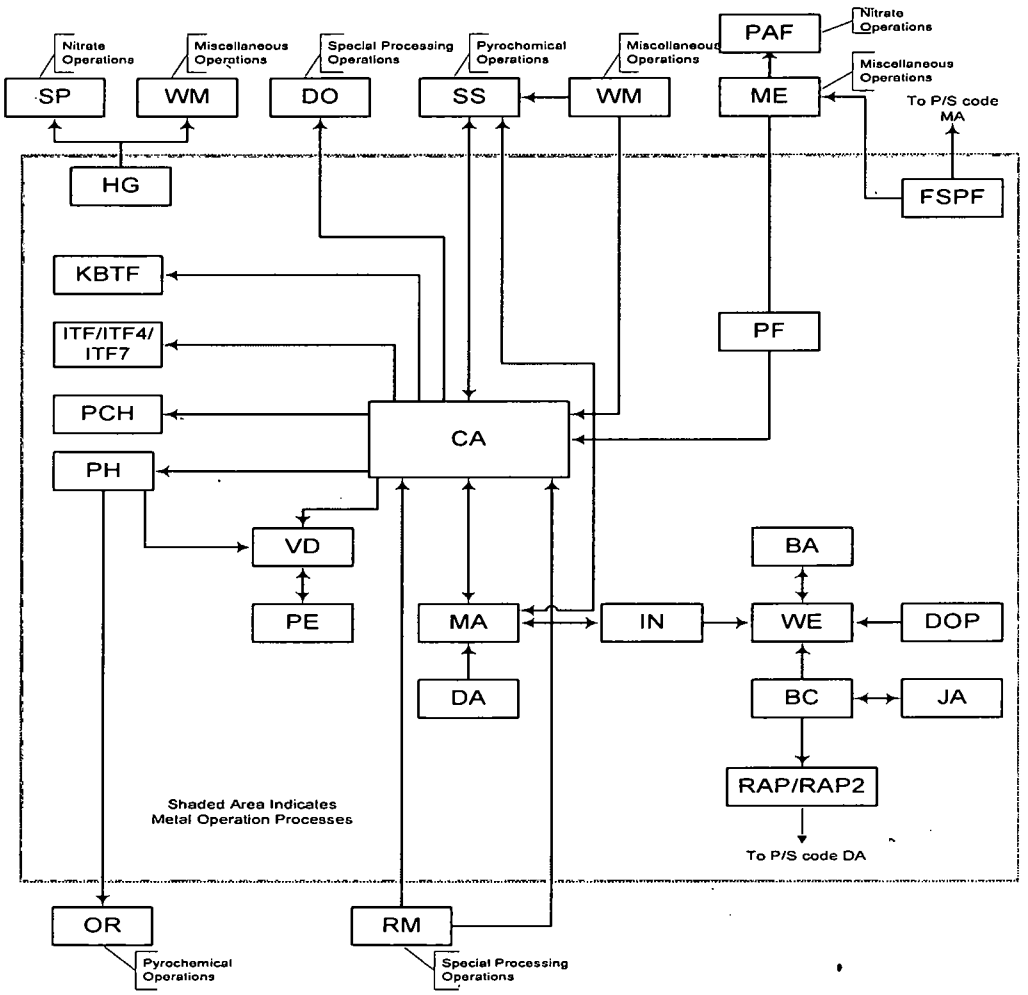
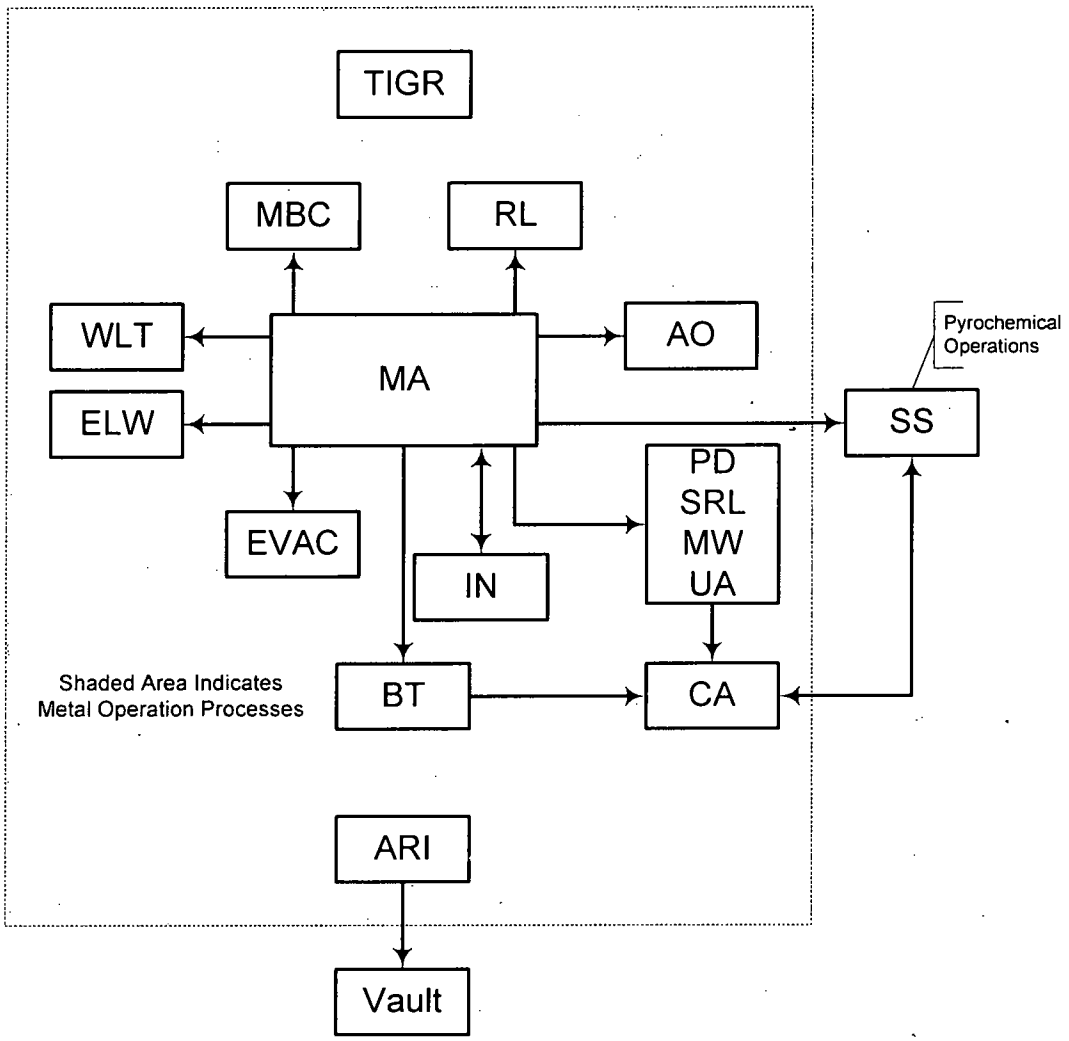


Figure 13. Simplified Process Flow Diagram for Metal Operations (Legacy)



NOTE: All of these P/S codes may obtain feed material from or send product output to the vault.

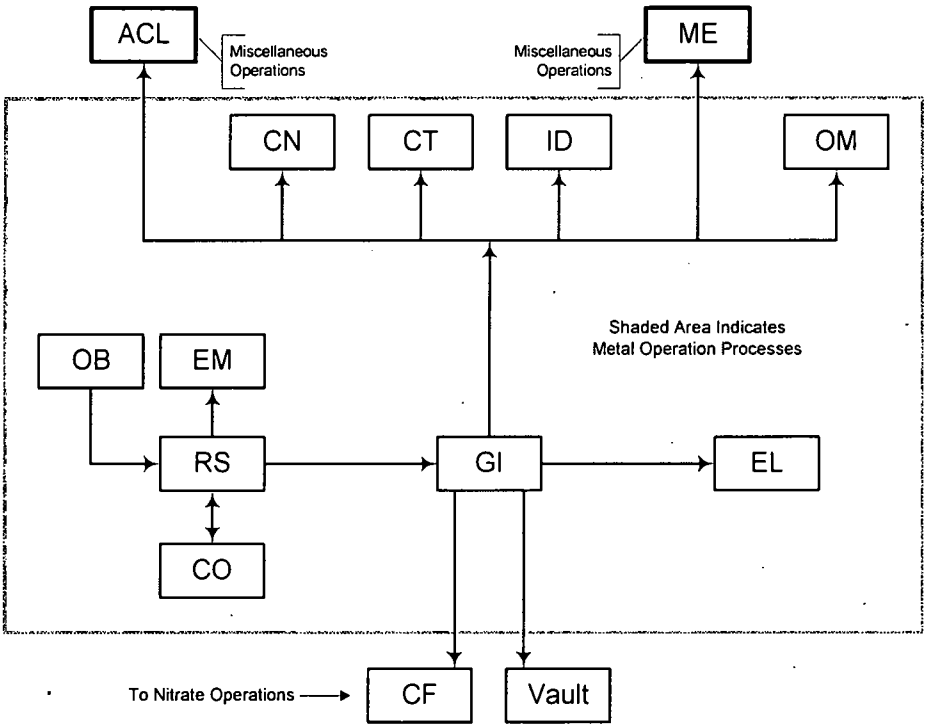
Figure 13. Simplified Process Flow Diagram for Metal Operations (Legacy) (Continued)



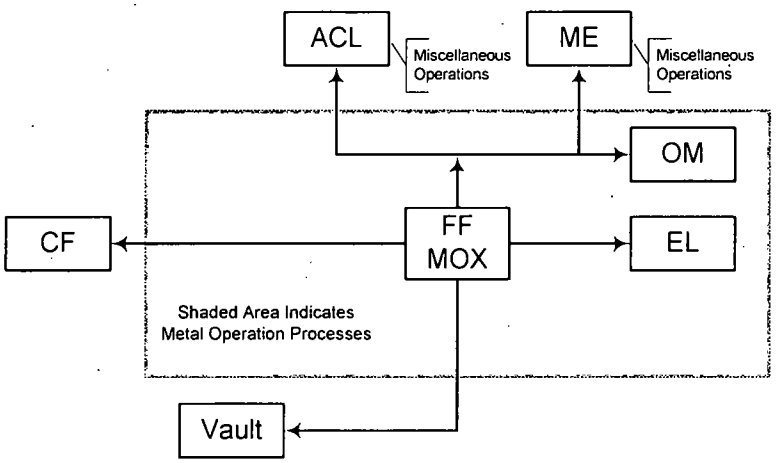
NOTE: All of these P/S codes may obtain feed material from or send product output to the vault.

NOTE: P/S code UA tracks uranium compounds from Pit Disassembly. Activities under this P/S code would be similar to those under P/S codes IN, MW, and WE.

Figure 13. Simplified Process Flow Diagram for Metal Operations (Legacy) (Continued)



In 1988, P/S codes CO, GI, ID, OB, and RS were combined into P/S code FF. P/S codes CT, ID, and OM are status codes only, and probably do not generate TRU waste.



NOTE: All of these P/S codes may obtain feed material from or send product output to the vault.

Figure 14. Simplified Process Flow Diagram for Metal Operations (Newly Generated)

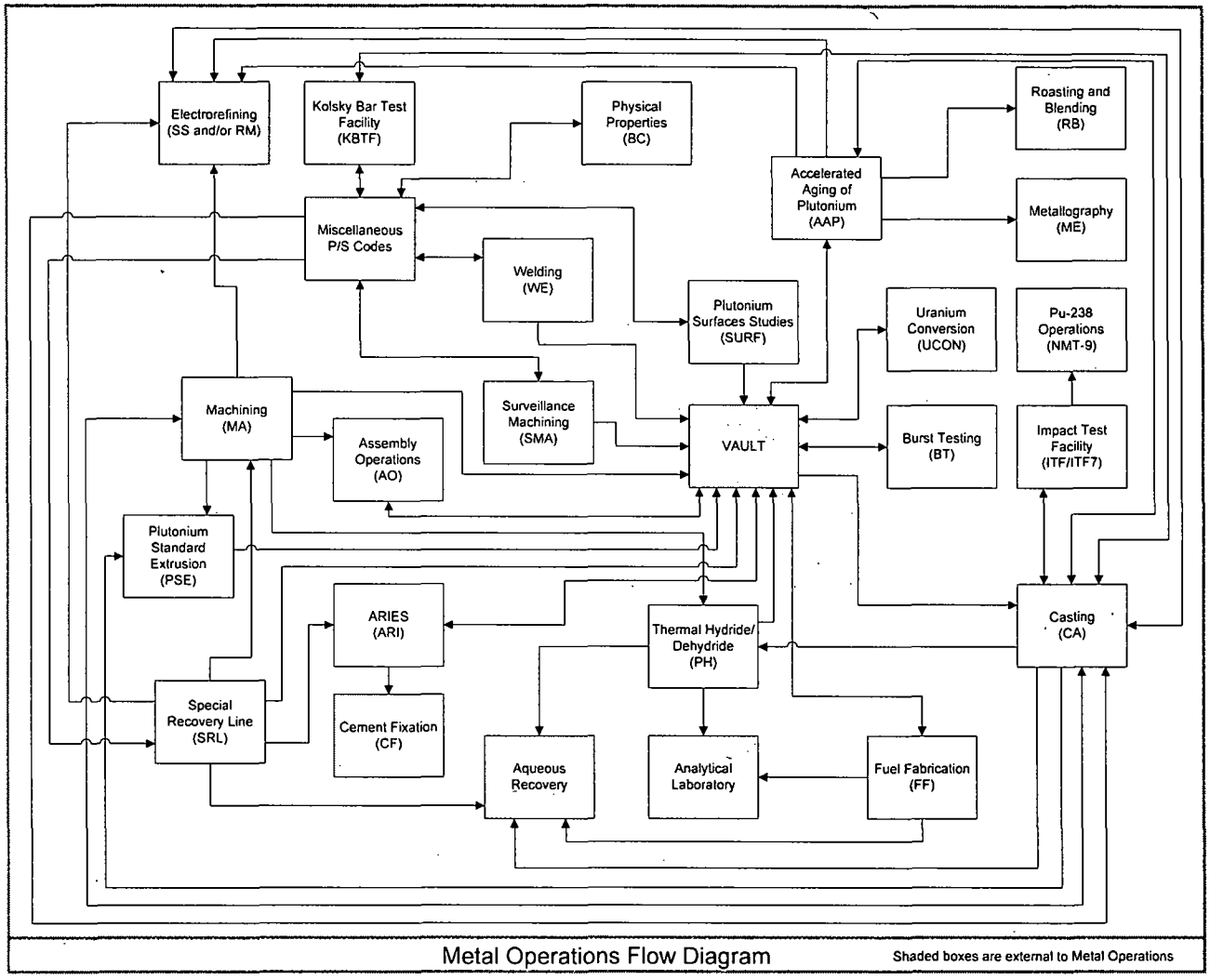


Figure 15. Simplified Process Flow Diagram for Pyrochemical Operations (Legacy)

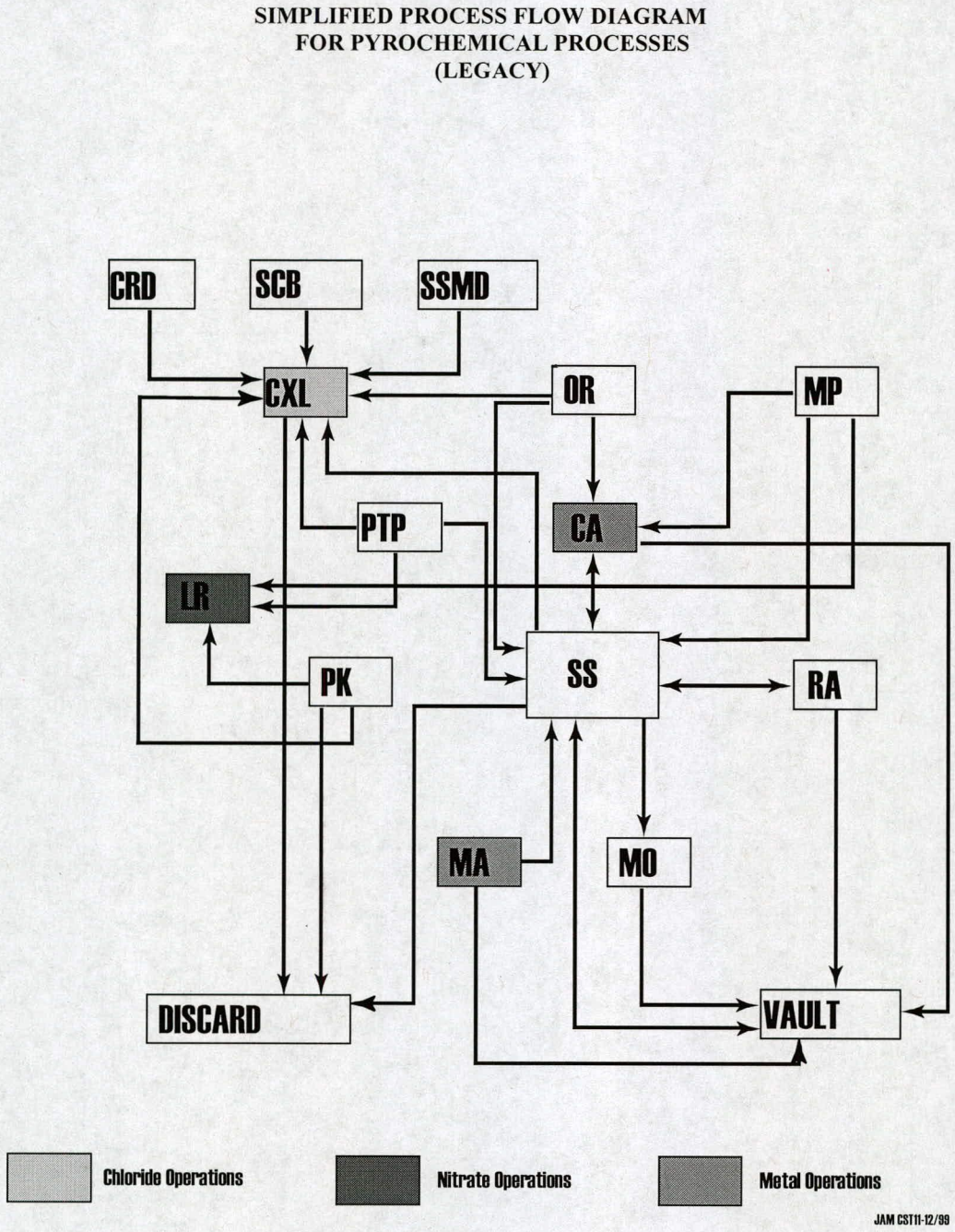
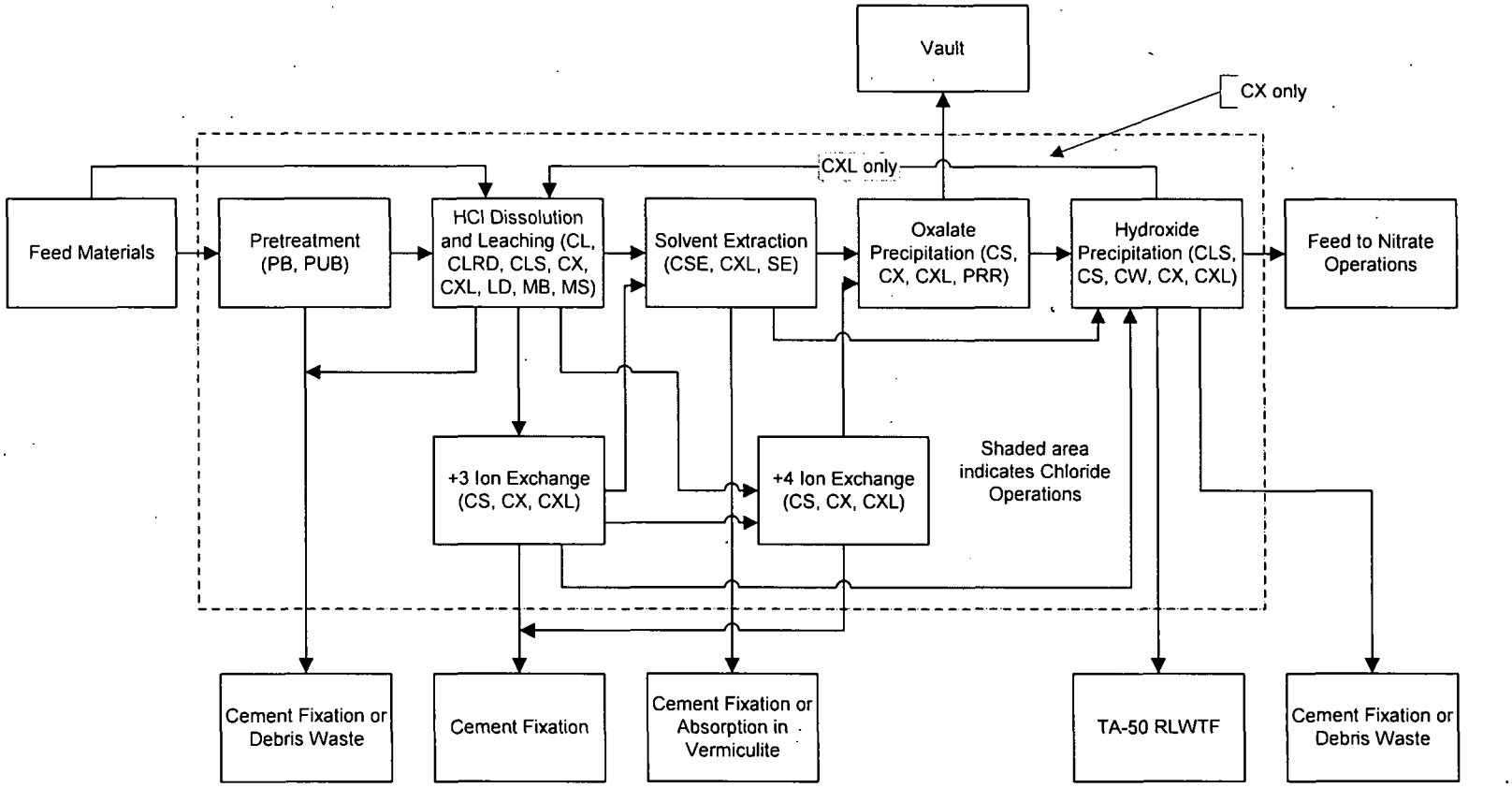
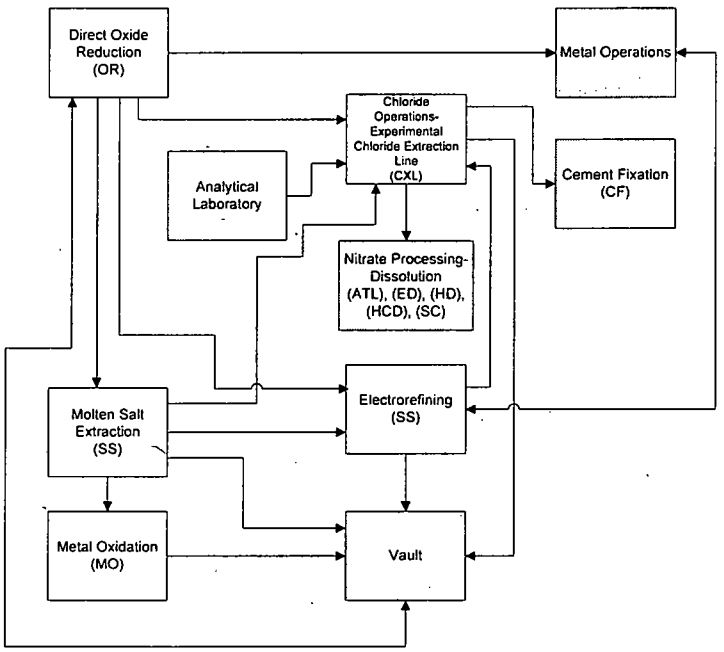


Figure 16. Simplified Process Flow Diagram for Chloride Operations (Legacy)



NOTE: Many of the P/S Codes for chloride operations involve more than one step or activity in the flow diagram. Thus, the same P/S Code can appear in more than one box on the flow diagram.

Figure 17. Simplified Process Flow Diagram for Pyrochemical and Chloride Operations (Newly Generated)



Pyrochemical/Chloride Processing Flow Diagram

Figure 18. Simplified Process Flow Diagram for Pu-238 Operations (Legacy)

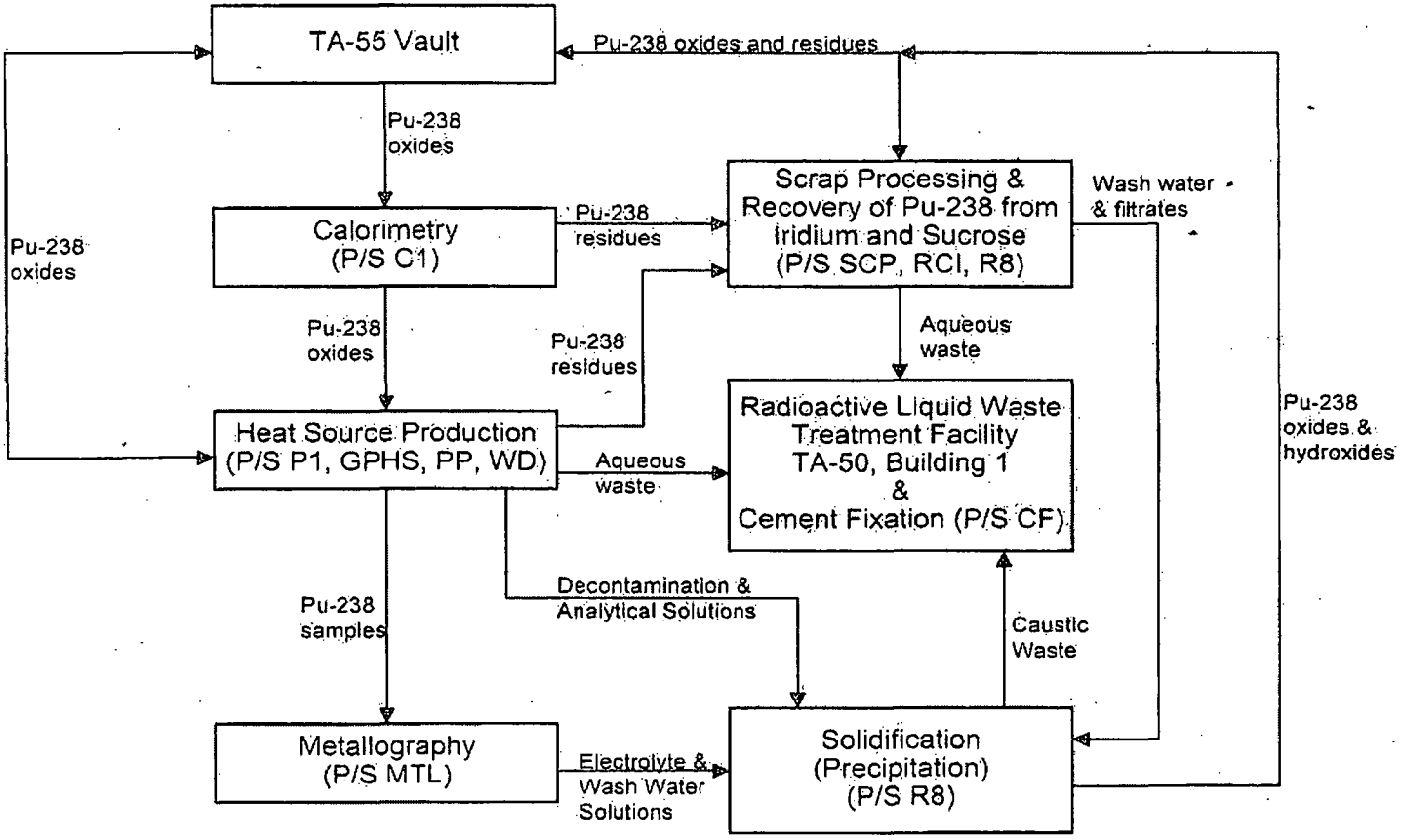


Figure 18. Simplified Process Flow Diagram for Pu-238 Operations (Legacy) (Continued)

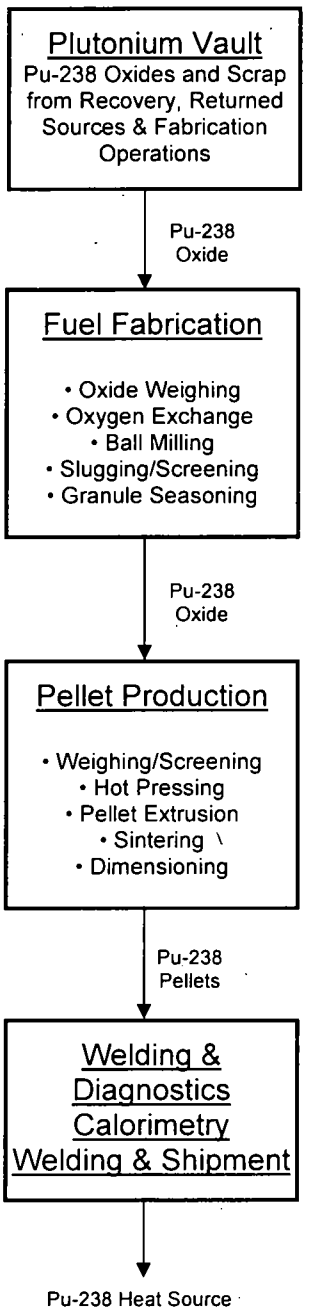


Figure 18. Simplified Process Flow Diagram for Pu-238 Operations (Legacy) (Continued)

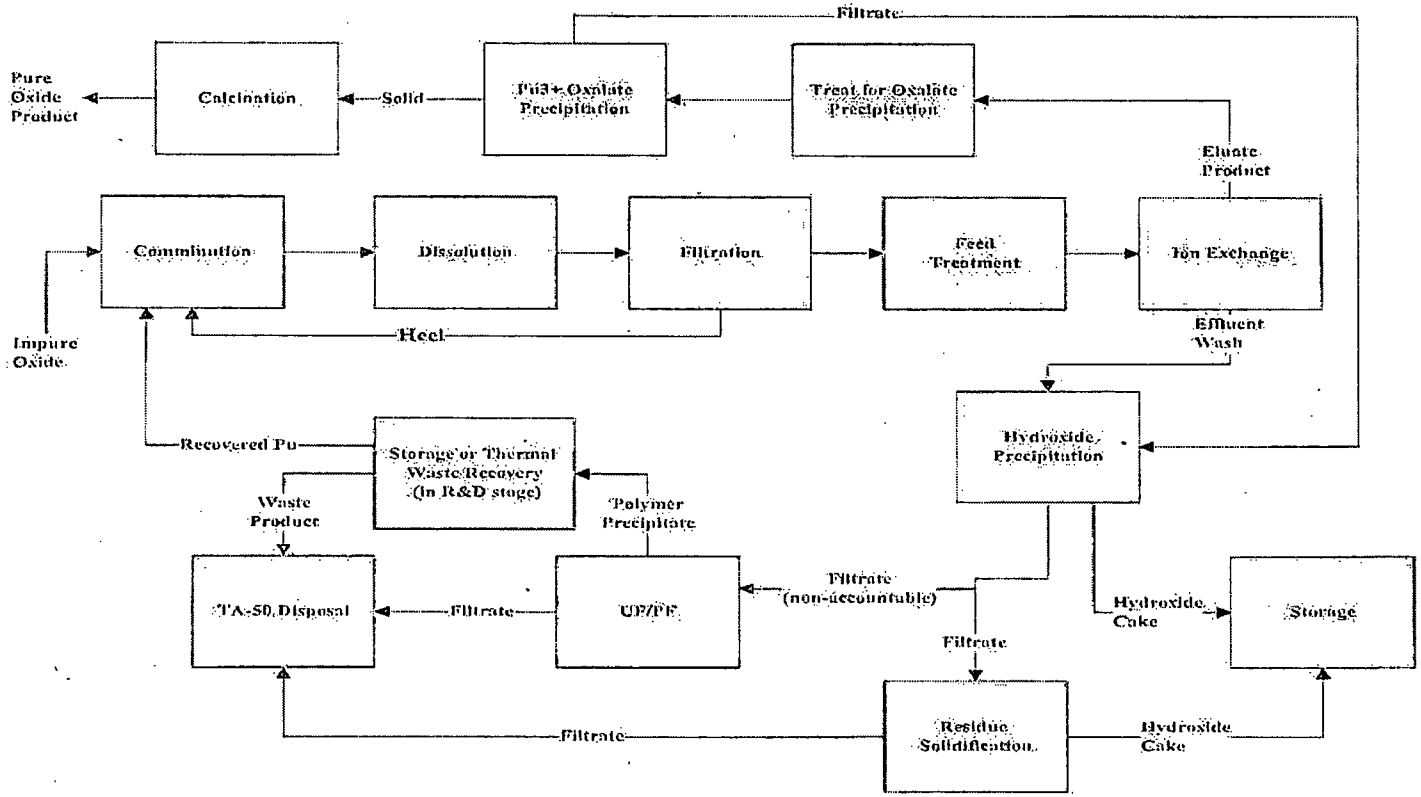


Figure 19. Simplified Process Flow Diagram for Pu-238 Operations (Newly Generated)

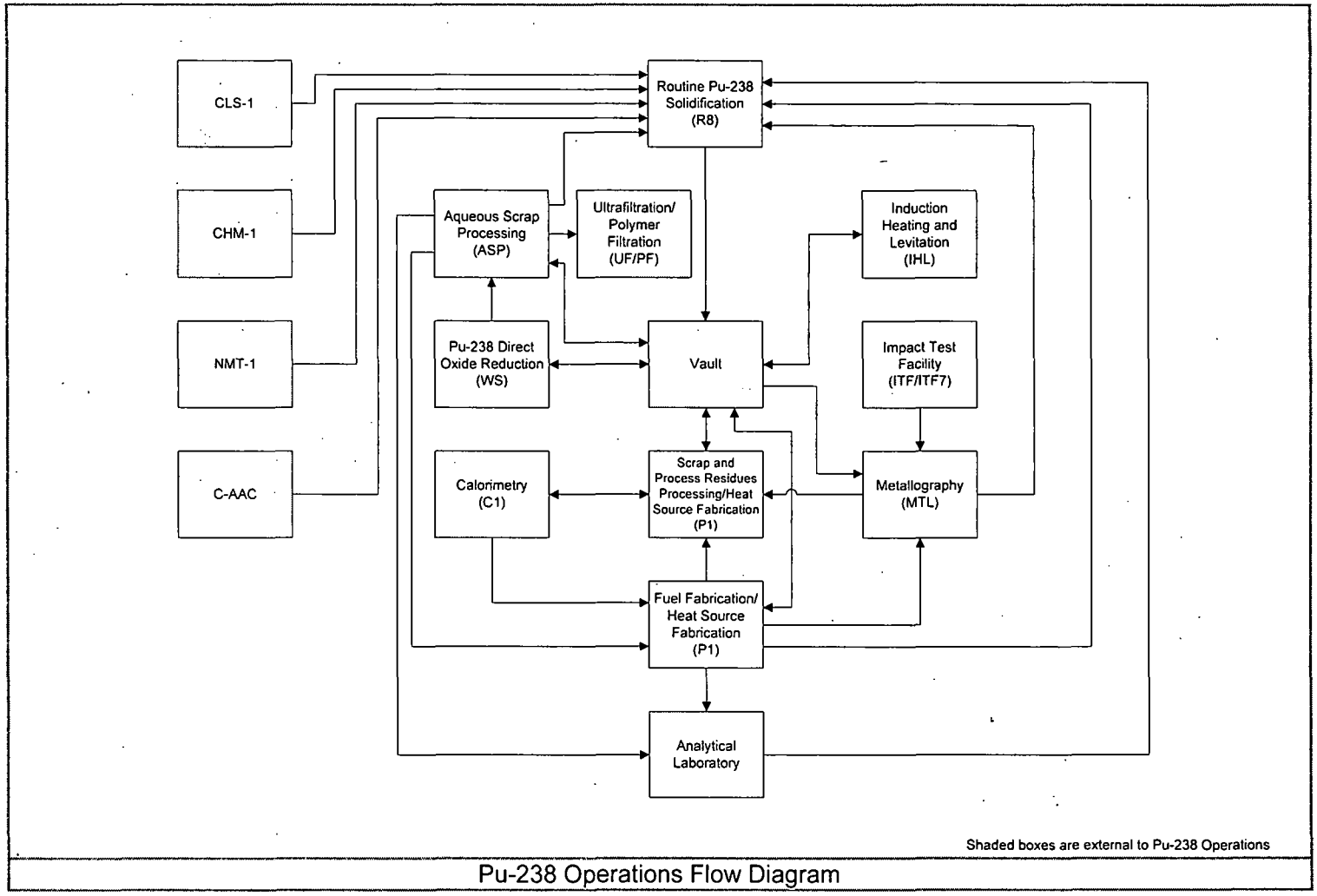


Figure 20. Waste Repackaging and Prohibited Item Disposition Flow Diagram

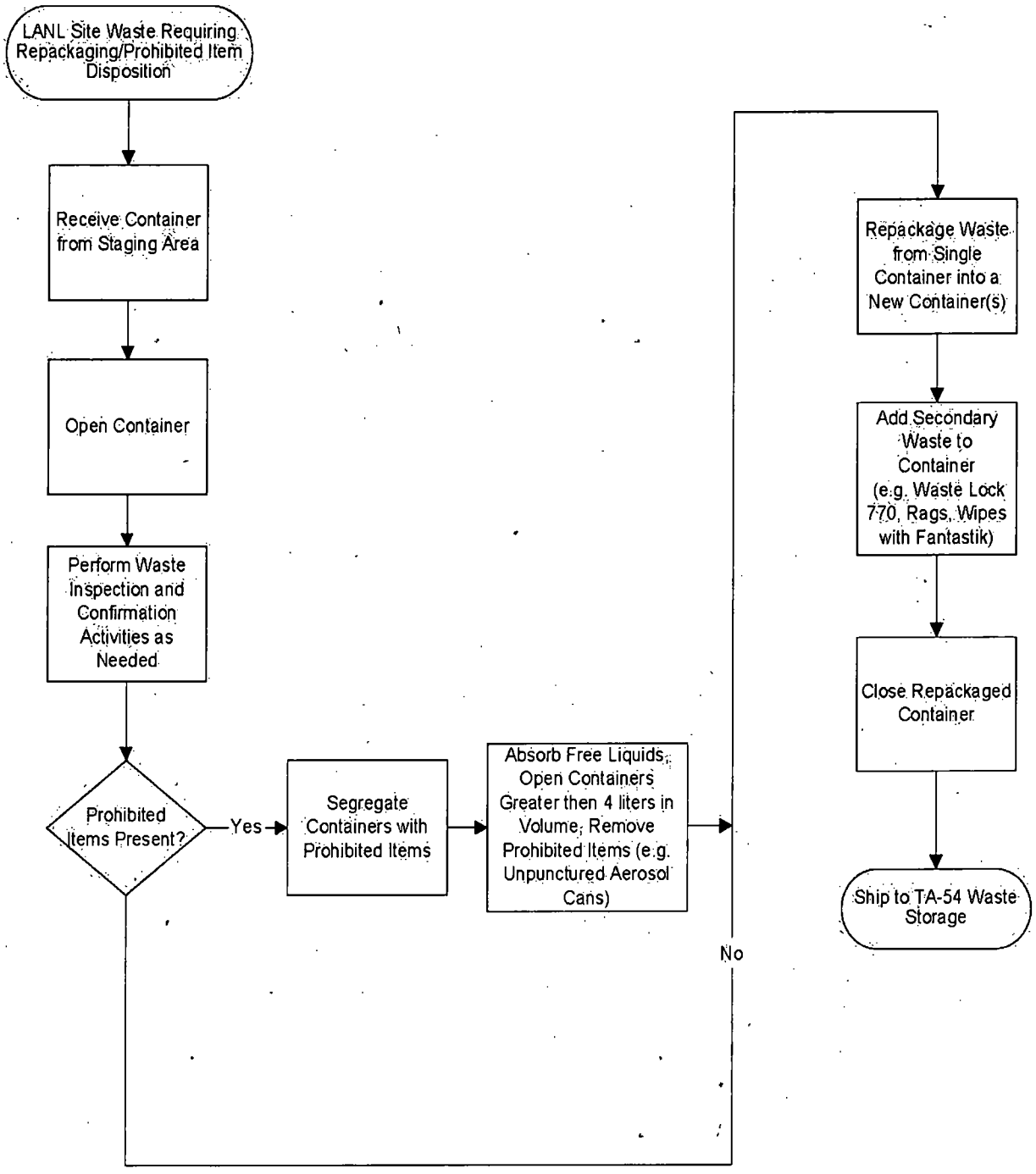


Figure 21. Below-Grade Drum Retrieval Flow Diagram

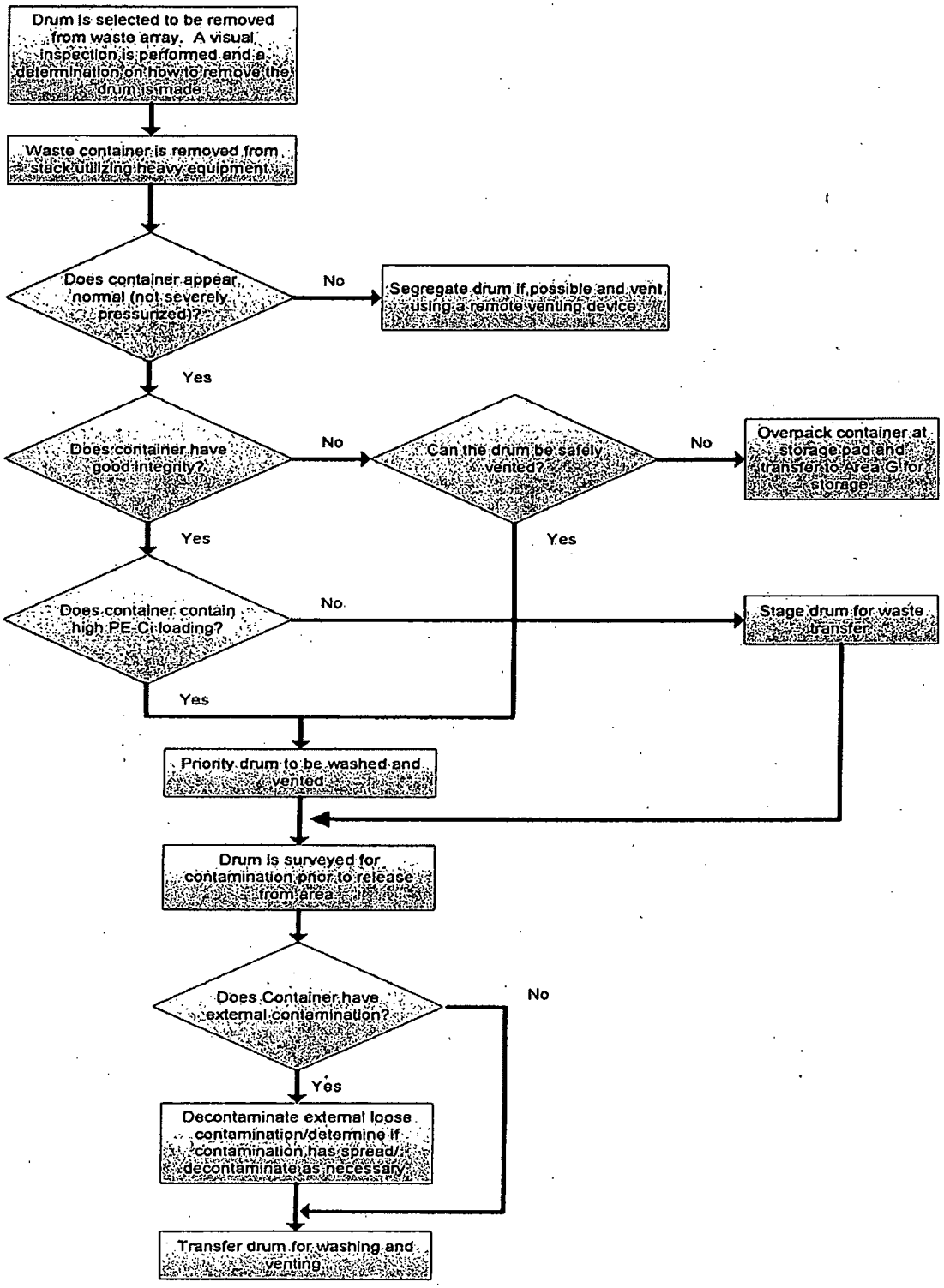
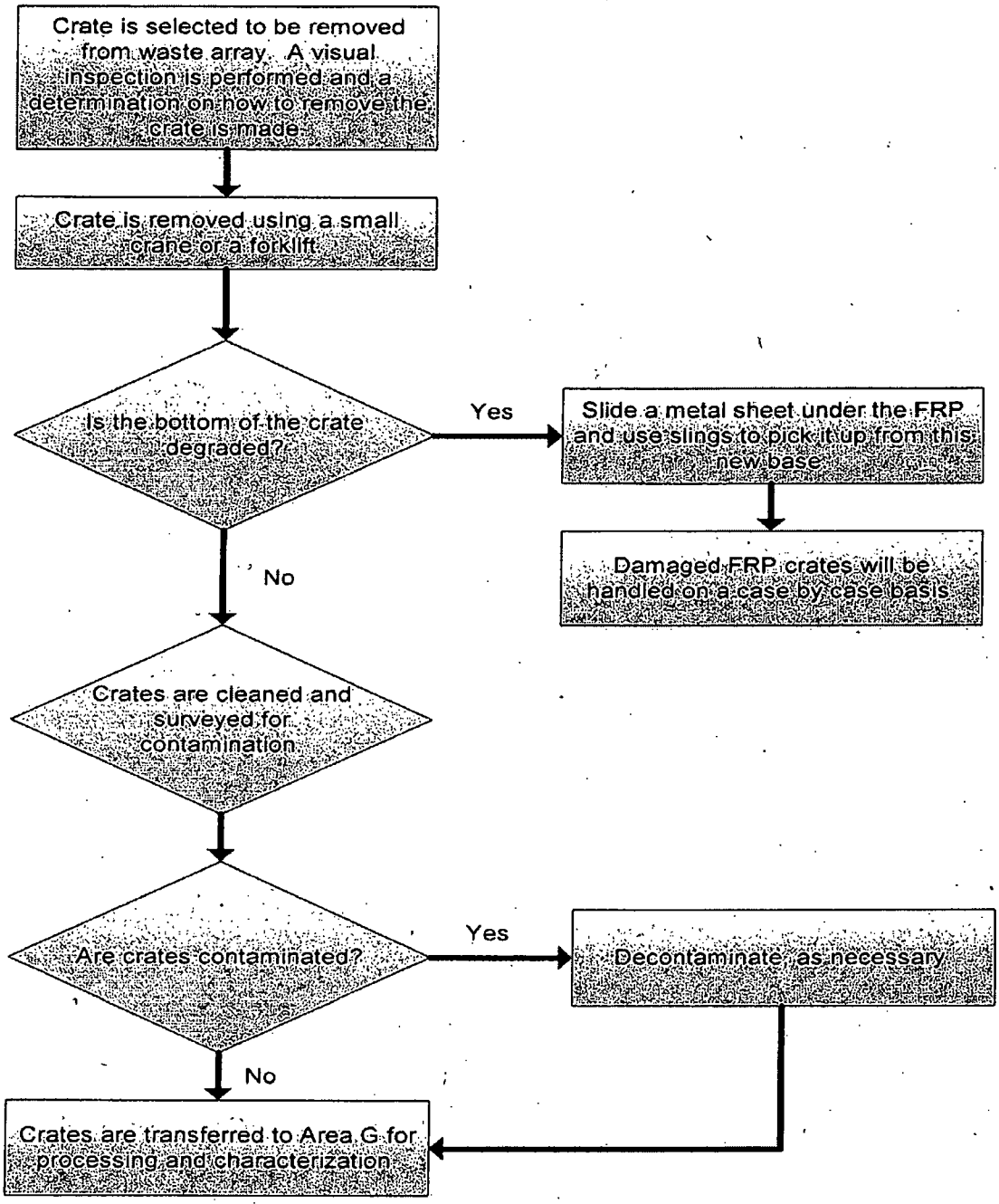


Figure 22. Below-Grade Crate Retrieval Flow Diagram



Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR048
Waste Stream Number(s): LA-MHD01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Acceptable Knowledge Source Document Discrepancy Resolution - Waste Stream LA-MHD01.001 Radiological Characterization	
Source Document Reference Information (author(s), document and revision number, date, publisher): Michael J. Papp, NA, Rev. NA, 09/20/2012, P2010-3349	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, WS3, WS8, WS11, WS12	Throughout	Nature of Discrepancy: The CCP acceptable knowledge (AK) Summary Report for Los Alamos National Laboratory TA-55 Mixed Transuranic Waste, CCP-AK-LANL-006, was created to characterize various TA-55 waste streams including mixed heterogeneous debris waste stream LA-MHD01.001. The AK summary report for waste stream LA-MHD01.001 identifies the presence of U-232 at a maximum of 1.29% by mass for this radionuclide per container. This information originated from radioassay data provided by the waste generator. However, CCP characterization data, reported in Lot 323, indicates that U-232 is the predominant radionuclide by mass at 54.69% in container 91027. Therefore, an evaluation is required to evaluate the maximum expected mass for U-232 reported in the AK report. Resolution: The source of the discrepancy is that the WIPP certified CCP characterization (NDA) data does not agree with the historical radiological information that was reported by the waste generators. WIPP certified NDA data is considered to be superior to generator reported radioassay. One reason is during WIPP certified nondestructive assay the container is rotated. Original measurements were often taken of individual waste packages or with containers in a fixed position which could mask some of the radionuclide signals based on the orientation of the waste. Therefore, WIPP certified NDA data will be used in lieu of the generated reported data. The AK summary report will be modified to reflect the changes to the radiological characterization (i.e., the maximum range of U-232 will be increased to 54.69% by mass).

CCP RECORDS ORIGINAL
DATE REC'D 12/19/2012

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR048

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 10/22/2012
Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Waste Stream LA-MHD01.001 Radiological Characterization

P2010-3349

Waste Stream Number(s): LA-MHD01.001 (CCP-AK-LANL-006)

Waste Stream Description: Mixed Heterogeneous Debris Waste from TA-55

AK Source Document Discrepancy Form Tracking Number: DR048

Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
N/A	Pub.	Central Characterization Project Acceptable Knowledge Summary Report for Los Alamos National Laboratory TA-55 Mixed Transuranic Waste	CCP-AK-LANL-006, Rev.11	CCP	09/23/2011	N/A	Section 5.4.2
N/A	Unpub.	CCP Waste Stream Characterization Checklist, LA-MHD01.00 Lot 323	CCP-TP-005, Attachment 13	CCP	09/19/2012	N/A	All
N/A	Unpub.	CCP Nonconformance Report (NCR)	NCR-LANL-1023-12	CCP	09/19/2012	N/A	All

Nature of Discrepancy:

The CCP acceptable knowledge (AK) Summary Report for Los Alamos National Laboratory TA-55 Mixed Transuranic Waste, CCP-AK-LANL-006, was created to characterize various TA-55 waste streams including mixed heterogeneous debris waste stream LA-MHD01.001.

The AK summary report for waste stream LA-MHD01.001 identifies the presence of U-232 at a maximum of 1.29% by mass for this radionuclide per container. This information originated from radioassay data provided by the waste generator. However, CCP characterization data, reported in Lot 323, indicates that U-232 is the predominant radionuclide by mass at 54.69% in container 91027. Therefore, an evaluation is required to evaluate the maximum expected mass for U-232 reported in the AK report.

Resolution:

The source of the discrepancy is that the WIPP certified CCP characterization (nondestructive assay) data does not agree with the historical radiological information that was reported by the waste generators. WIPP certified nondestructive assay data is considered to be superior to generator reported radioassay. One reason is during WIPP certified nondestructive assay the container is rotated. Original measurements were often taken of individual waste packages or with containers in a fixed position which could mask some of the radionuclide signals based on the orientation of the waste. Therefore, WIPP certified nondestructive assay data will be used in lieu of the generated reported data.

The AK summary report will be modified to reflect the changes to the radiological characterization (i.e., the maximum range of U-232 will be increased to 54.69% by mass). In the interim, a freeze file was submitted to CCP Document Services to reflect this change (see attached). Regardless of this change, container 91027 matches the waste stream description, it was generated from the operations described in the AK summary report, and it is appropriately assigned to the waste stream LA-MHD01.001.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp (Print) _____ (Sign) Date: 09/20/2012

Site Project Manager: Veronica Weldram (Print) Veronica Weldram (Sign) Date: 09/20/2012

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.); or Discrepancy (Disc.)

Attachment 13

CCP Waste Stream Characterization Checklist

Site(s): LANL
Waste Stream Number: LA-MHD01.001 Lot # (if applicable) 323
Waste Stream Description: Mixed Heterogeneous Debris

Acceptable Knowledge Information or other data points[a]	Characterization Method(s)[b]	Acceptable Knowledge Re-evaluation Required? Yes/No[c]?	Comments[d]
Physical waste form/description	RTR/VE	No	RTR Data Sheets indicate consistency with Attachment 6 of CCP-TP-005.
Waste material parameters weights	RTR/VE	No	RTR Data Sheets indicate consistency with CCP-AK-LANL-006, Table 2. See additional attached sheets.
Waste percent volume consistent with nondestructive examination or visual examination data and audio/video tapes or equivalent media	RTR/VE	No	RTR Data Sheets indicate consistency with CCP-AK-LANL-006. See additional attached sheets.
Summary category group assignment	RTR/VE	No	Summary Category group S5000 is consistent with RTR and VE Data sheets.
Waste matrix code assignment	RTR/VE	No	The waste in this lot is comprised of greater than 50% heterogeneous inorganic and organic debris by volume and weight. All individual containers in this lot meet this criteria. This is consistent with the S5400 Waste Matrix Code assignment based on AK.
Absence of prohibited items	RTR/VE	No	RTR did not identify any prohibited items.
Tentatively identified compounds[f]	HSG Analysis	No	No TICs in this waste stream have exceeded 25% of the samples for the entire waste stream.
EPA Hazardous Waste Number assignment[e]	HSG Analysis	No	Characterization results consistent with Section 5 of CCP-AK-LANL-006.
Toxicity characteristic code assignment	HSG Analysis	No	Consistent with CCP Headspace Gas UCL_{90} Evaluation form.
UCL_{90} > PRQL?	HSG Analysis	No	Verified using CCP Headspace Gas UCL_{90} evaluation form. None of the analytes listed have UCL_{90} values > PRQL values, using transformed and Non-Transformed values for comparison where applicable.
VOCs from packaging materials or radiolysis present	HSG Analysis	No	CCP-TP-005 Attachment 5 does not identify any VOCs associated with packaging or radiolysis.
State Hazardous Waste Number assignment	HSG Analysis	No	No additional State Hazardous Waste codes are identified in CCP-TP-005 attachment 5.
Radionuclides present	NDA	No	See Additional Comments section and additional sheets attached.
Other radiological parameters: (specify)	NDA	No	No additional radiological parameters identified.

Attachment 13

CCP Waste Stream Characterization Checklist

Site(s):	LANL		
Waste Stream Number:	LA-MHD01.001	Lot # (if applicable)	323
Waste Stream Description:	Mixed Heterogeneous Debris		

Pu-239 and U-238 are identified in AK as the two most prevalent isotopes at 63.10 WT% and 29.44 WT%. For this Lot U-232 and Pu-239 are the two most prevalent isotopes at 54.89% and 31.38% respectively. For the Waste Stream to date, Pu-239 and U-238 are the two most prevalent isotopes at 72.85% and 19.17% by weight respectively. According to the AK, only 514 drums were reported with U-238 and to date only 142 drums have had measurable quantities.

No containers have Pu-239 and U-234 as the two most prevalent isotopes consistent with MT 63. According to the AK, significant quantities of U-234 will be present from the decay of Pu-238.

All containers in this lot fall within the individual container weight percent ranges specified in AK for Pu-239 and U-238.

a. Identified in the AK Summary Report or included in the in-process record documentation (e.g., BDR's)
b. Use the *Acceptable Knowledge and Waste Characterization Data Cross-Reference (Attachment 9)* to identify applicable testing, sampling, and analysis information to resolve the acceptable knowledge information, as applicable.
c. If "yes," AKE completes an *Acceptable Knowledge Re-evaluation Checklist*.
d. Identify the source of the waste characterization information (e.g., batch data report). Note if AK sufficiency scenarios 1, 2, or 3 are applicable.
e. Ensure that, if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and if analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
f. Tentatively Identified Compounds identified in the Headspace Gas Summary Report were identified on the Hazardous Constituent List, Attachment 5

Site Project Manager:

Veronica Waldram — Veronica Waldram — Date: September 20, 2012
Print — Sign

Acceptable Knowledge Expert:

Michael Papp — [signature] — Date: 9/20/12
Print — Sign

NDA Isotopic Weight Percent
LA-MHD01.001
Lot 323

CONTAINERID	NDABDR	Sr-90	Cs-137	U-232	U-233	U-234	U-235	U-238	Np-237	Pu-238	Pu-239	Pu-240	Pu-241	Pu-242	Am-241	Am-243	Cm-243	Cm-245	Ac-227	Co-60	Cm-244
91027	3LANDA0059	1.50E-09	2.36E-09	1.35E+00					1.25E-02	2.70E-04	7.74E-01	1.26E-01	2.01E-03	3.42E-03	2.00E-01	1.58E-04					
		1.50E-09	2.36E-09	1.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	2.70E-04	7.74E-01	1.26E-01	2.01E-03	3.42E-03	2.00E-01	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00
	WT%	0.00%	0.00%	54.69%	0.00%	0.00%	0.00%	0.00%	0.51%	0.01%	31.36%	5.10%	0.08%	0.14%	8.10%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%

NDA Isotopic Weight Percent Rollup Through Lot 323
LA-MHD01.001

	Sr-90	Cs-137	U-232	U-233	U-234	U-235	U-238	Np-237	Pu-238	Pu-239	Pu-240	Pu-241	Pu-242	Am-241	Am-243	Cm-243	Cm-245	Ac-227	Co-60	Cm-244
Total g	1.57E+00	1.04E+00	3.16E+00	1.43E+02	1.73E+03	3.54E+03	1.37E+05	4.93E+02	4.21E+03	5.21E+05	3.85E+04	8.24E+02	2.98E+03	3.84E+03	6.97E+00	2.05E-03	4.18E-04	1.18E-07	1.18E-08	1.47E-02
WT%	0.00%	0.00%	0.00%	0.02%	0.24%	0.50%	19.17%	0.07%	0.59%	72.95%	5.39%	0.12%	0.41%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

CCP Headspace Gas UCL90 Evaluation Form

WSPF #: LA-MHD01.001 **Head Space Gas Summary Number** 1 through 7

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples (2)	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL_{90} (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
Acetone	Log	47	61	5.19	0.90	2.37	1.29	10	2.30		
Benzene	Log	36	61	2.48	-1.45	1.80	-1.15	10	2.30		
Bromoform	Log	1	61	-1.71	-4.07	0.93	-3.91	10	2.30		
Butanol	Log	48	61	3.93	-0.83	1.39	-0.60	10	2.30		
Carbon Disulfide	Log	13	61	-0.36	-2.60	0.78	-2.47	10	2.30		
Carbon tetrachloride	Log	2	61	-0.39	-3.59	1.04	-3.42	10	2.30		
Chlorobenzene	Log	11	61	0.00	-3.04	1.07	-2.87	10	2.30		
Chloroform	Log	17	61	0.10	-2.70	1.20	-2.50	10	2.30		
Chloromethane	Log	37	61	4.56	-0.59	2.20	-0.23	10	2.30		
Cyclohexane [a]	Log	3	61	-0.36	-2.90	1.04	-2.73	10	2.30		
1,1-Dichloroethane	Log	10	61	0.26	-2.68	1.16	-2.49	10	2.30		
1,2-Dichloroethane	Log	11	61	1.28	-2.71	1.20	-2.51	10	2.30		
1,1-Dichloroethylene	Log	0	61	-0.43	-3.02	0.91	-2.87	10	2.30		
cis-1,2-Dichloroethylene	Log	2	61	-0.51	-3.02	0.96	-2.87	10	2.30		
trans-1,2-Dichloroethylene	Log	0	61	-0.51	-2.99	0.95	-2.83	10	2.30		
1,2-Dichloropropane	Log	8	61	0.41	-3.25	1.34	-3.03	10	2.30		
Ethyl benzene	Log	6	61	-0.69	-3.14	0.99	-2.98	10	2.30		
Ethyl ether	Log	1	61	-0.16	-2.69	0.90	-2.54	10	2.30		
Methanol	Log	12	61	5.44	2.41	0.92	2.58	10	2.30	Yes	(2)
Methyl ethyl ketone	Log	40	61	4.70	-0.70	2.00	-0.37	10	2.30		
Methyl isobutyl ketone	Log	22	61	2.40	-2.50	1.76	-2.21	10	2.30		
Methylene chloride	Log	27	61	1.87	-1.81	1.68	-1.53	10	2.30		
1,1,2,2-Tetrachloroethane	Log	1	61	-0.99	-3.69	1.04	-3.52	10	2.30		
Tetrachloroethylene	Log	4	61	-1.11	-3.54	0.94	-3.38	10	2.30		
Toluene	Log	58	61	4.33	0.97	1.93	1.30	100	4.61		
1,1,1-Trichloroethane	Log	7	61	2.71	-3.32	1.36	-3.09	100	4.61		
Trichloroethylene	Log	16	61	4.30	-2.98	1.69	-2.70	100	4.61		
Trichlorofluoromethane	Log	0	51	-1.08	-3.28	0.92	-3.11	100	4.61		

CCP Headspace Gas UCL90 Evaluation Form

WSPF #: LA-MHD01.001 **Head Space Gas Summary Number** 1 through 7

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples (2)	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL_{90} (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
1,1,2-Trichloro-1,2,2-	Log	2	61	0.53	-3.52	1.13	-3.33	100	4.61		
1,3,5-Trimethylbenzene[a]	Log	4	61	-0.15	-3.28	1.04	-3.11	10	2.30		
1,2,4-Trimethylbenzene[a]	Log	9	61	0.74	-3.08	1.11	-2.89	10	2.30		
m,p-Xylene[b]	Log	12	61	0.10	-2.97	1.18	-2.78	10	2.30		
o-Xylene	Log	12	61	0.10	-2.97	1.18	-2.78	10	2.30		
Formaldehyde[c]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrazine[d]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[a] These compounds are from CCP-PO-003, CCP TRAMPAC Authorized Methods for Payload Control (CCP CH- TRAMPAC) and are flammable VOCs that do not appear in the CCP-PO-001. These are not part of the target analyte list, but samples may be analyzed for these compounds.
[b] These xylene isomers cannot be resolved by the analytical methods employed in the CCP. m-Xylene and p-Xylene will be reported as "Total m-p-Xylene."
[c] Required only for homogenous solids and soil/gravel waste from Savannah River Site.
[d] Required only for homogenous solids and soil/gravel waste from Oak Ridge National Laboratory and Savannah River Site.

Comments:

(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per section C4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)

(2) EPA HWN F003 is not assigned to this waste stream for Methanol because the waste is not liquid and is therefore not ignitable. This is consistent with acceptable knowledge.

Signature of Site Project Manager	Veronica Waldram Printed Name	9/19/2012 Date

Supporting Documentation

CCP Headspace Gas Summary Data

Waste Stream Number LA-MHD01.001 Lot Number (s) 323

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (ppmv)	# Samples Containing TIC	% Detected
1,4 Dioxane	28.00	2	3.28%
Dichlorodifilluoromethane	45.00	1	1.64%
Benzyl chloride	0.07	1	1.64%
Iodomethane	0.21	1	1.64%
Bromomethane	0.57	1	1.64%

Data Supports EPA Hazardous Waste Numbers Assigned by AK? Yes ☑ No ☐

If no, describe the basis for assigning the EPA Hazardous Waste Codes:

SPM Signature _____ Date 9/19/2012

Supporting Documentation

RTR-VE Data
LA-MHD01.001
Lot 323

Batch Data Report No.	Container	Cellulosics (kg)	Plastics (kg)	Rubber (kg)	Organic Matrix (kg)	Inorganic Matrix (kg)	Iron-based Metals (kg)	Aluminum-based Metals (kg)	Other Metals (kg)	Other Inorganics (kg)	Soil (kg)	Total Organic (kg)	Total Inorganic (kg)	Total Organic (L)	Total Inorganic (L)	Vol. % Organic	Vol. % Inorganic
LA-HERTR-12-0034	91027	75.0	8.0				94.0	8.0				83.0	102.0	154.3	14.9	91.19%	8.81%

RTR Data
LA-MHD01.001
Lot 323

Batch Data Report No.	Container	Cellulosics Weight %	Plastics Weight %	Rubber Weight %	Organic Matrix Weight %	Inorganic Matrix Weight %	Iron-based Metals Weight %	Aluminum-based Metals Weight %	Other Metals Weight %	Other Inorganics Weight %
LA-HERTR-12-0034	91027	40.54%	4.32%	0.00%	0.00%	0.00%	50.81%	4.32%	0.00%	0.00%

Total Lot Weight %

Cellulosics Weight %	Plastics Weight %	Rubber Weight %	Organic Matrix	Inorganic Matrix	Iron-based Metals	Aluminum-based Metals	Other Metals	Other Inorganics
40.54%	4.32%	0.00%	0.00%	0.00%	50.81%	4.32%	0.00%	0.00%

Total Lot Volume %

Organic	Inorganic
91.19%	8.81%

RTR Density Rollup Data Through Lot: 323
LA-MHD01.001

Waste Stream Waste Material Parameter Weight Percent

Cellulosics	Plastics	Rubber	Organic Matrix	Inorganic Matrix	Iron-based Metals	Aluminum-based Metals	Other Metals	Other Inorganics	Soil
8.07%	13.29%	8.08%	0.08%	2.69%	49.01%	0.66%	4.51%	13.60%	0.01%

Waste Stream Organic/Inorganic Volume Percent	
Vol. % Organic	Vol. % Inorganic
60.29%	39.71%

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist

Site(s): Los Alamos National Laboratory (CCP-AK-LANL-006)
Waste Stream Number(s): LA-MHD01.001
Waste Stream Description: Mixed Heterogeneous Debris Waste from TA-55
NCR numbers(s) if applicable: NCR-LANL-1023-12
Inconsistency between waste characterization and acceptable knowledge information (describe): The AK summary report CCP-AK-LANL-006 identifies the presence of U-232 and identifies a maximum of 1.29% by mass for this radionuclide per container. However, CCP characterization data indicates that container 91027 includes 54.69% by mass of U-232. The source of the discrepancy is that the CCP characterization data does not agree with generator reported data. Since WIPP certified CCP characterization data is considered superior, the AK summary report will be modified to reflect the CCP data. In the interim, a discrepancy report was generated and a freeze file was submitted to CCP Document Services to reflect the changes.

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	N/A	Not a RCRA issue
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	N/A	Not a RCRA issue
Reassess and document all sampling and analytical data associated with the waste. [c]	N/A	Not a sampling and analysis issue
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	N/A	Not a Waste Matrix Code issue
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	Yes	CCP NDA results reassessed and documented. Freeze file submitted to CCP-AK-LANL-006 on 9/19/12 and an Attachment 11 (DR048) was generated.
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	Attachment 11 (DR048) generated to address the discrepancy and Attachment 7 will be updated once CCP-AK-LANL-006 is updated.
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	N/A	No unresolved discrepancies

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

Michael J. Papp _____ Date: 9/20/2012
Print Sign

Site Project Manager:

Veronica Waldram Veronica Waldram Date: 9/20/2012
Print Sign

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No.NCR-LANL-1023-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): NA	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDA	3. Batch Data Report #(s): 3LANDA0059
4. Order/Work Order/Job Control Number (as applicable): NA	5. PO # (as applicable): NA	Container #(s): 91027
	6. Supplier (as applicable): NA	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):

CCP-AK-LANL-006, Revision 11, *Central Characterization Project Acceptable Knowledge Summary Report for Los Alamos National Laboratory TA-55 Mixed Transuranic Waste Waste Streams: LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, LA-MIN04-S.001,* Table 6 states U-232 Total Nuclide Weight % should be 0 - 1.29%.

7. (c) *Actual Condition*

The isotopic ratio reported by NDA does not agree with the bounded limits in CCP-AK-LANL-006. Isotopic Weight Percent for U-232 is 54.69%.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Veronica Waldram Veronica Waldram 9/19/12	Laura Romero Jones Laura Romero Jones 09/19/2012

9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☐ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR)	11. Recurring Condition?
☐ YES ☒ NO	☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Groover

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No.NCR-LANL-1023-12 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: The data for this container will be submitted to the AKE for evaluation. The AKE response will be attached to this NCR and will determine the final disposition.	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign, and date) Veronica Waldram 9/19/12 Veronica Waldram	16. CCP QA Engineer or Designee (Print, sign and date) Laura Romero Jones 09/19/12 Laura Romero Jones
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No.NCR-LANL-1023-12 Revision 0	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, Enter N/A for Reject, Scrap, or Rework dispositions.)	
(b) Instructions for Completion (Required for Reject, Repair, Rework and Scrap – Enter N/A for Use-As-Is).	
(c) Corrective Actions (Actions to Prevent Recurrence – Required for Repair and Rework; Enter N/A for Use-As-Is, Reject, and Scrap).	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Mike Papp

From: Mike Papp <mj_papp@msn.com>
Sent: Thursday, September 20, 2012 3:19 PM
To: 'Payanes, Jose'
Cc: 'Waldram, Veronica - WTS'
Subject: Freeze File Change to AK Summary Report CCP-AK-LANL-006, Rev. 11

Hi Jose,

The following sections of AK Summary Report CCP-AK-LANL-006, Rev. 11 will need to be updated. Please let me know if you have any questions. Thank you.

Page 86, Table 6, Nuclide column – Please change 'U-232' to 'U-232[7]'.

Page 86, Table 6, Nuclide Wt% Range for Individual Containers column – Please change the value for U-232 from '0 - 1.29%' to '0 – 54.69%'.

Page 87, Table 6 – Please add the following note:

7. Upper range values are from CCP NDA characterization results not waste generator reported values.

Michael J. Papp, CCP AKE
Technical Specialists
Washington TRU Solutions Subcontractor
Work #: 720-872-8184
Cell #: 303-994-6067

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR029
Waste Stream Number(s): LA-MHD01.001	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - *Unpublished Documents*
Title of Source Document: Discrepancy Resolution - Drum No. 86309 Contained a Small Lighter Fluid Can with 65 mL of liquid	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 08/23/2011	

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR8, WS9	Throughout	Based on the AK collected for waste stream LA-MHD01.001 containers, small, lighter fluid cans with some liquid were not expected to be in the waste stream and were not identified in the Sec. 5.4.5, Prohibited Items of the AK Summary Report (CCP-LANL AK-006). RTR identified one (1) drum, i.e., 86309, that contained a small, metal can with approximately 65 mL of liquid (Per C. Farquhar, RTR Operator, this metal can was a lighter fluid can, approximately 2 in. wide X 4 in. height X 1 "thick). [Drum No. 86309 was originally packaged in parent drum No. S832234 on 1/13/1983 - RSWD attached). Because the small, lighter fluid can with liquid was not identified in the Sec. 5.4.5. Prohibited Items, an NCR, i.e. NCR-LANL-0666-10, R.0, was written for this drum in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure. Resolution: [Process Drum No. 86309 through remediation and remove lighter fluid can with liquid.] Drum No. 86309 will be remediated and the small, lighter fluid can with liquid will be removed. In addition, CCP-AK-LANL-006, Sec. 5.4.5. Prohibited Items, be revised to include " ... small, lighter fluid cans with observable liquid .... " (or similar language).

CCP RECORDS ORIGINAL
DATE REC'D 9-1-11

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR029
Source Document Data Limitations (if any): 1. None.	
Acceptable Knowlege Expert: Amy Johns / Amy Johns Date: 8/29/2011 Print /Sign	
[a] Obtain from Acceptable Knowledge Documentation Checklist [b] For microfilm or microfiche, identify box, tape, reel number and location.	

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution P2010 - 3145

Waste Stream Number(s): LA-MHD01.001 (AK6)

Waste Stream Description: Heterogeneous debris

AK Documentation Type: [X] TRU Waste Management Program Information [X] Waste Stream Specific Information [X] Additional Information							
AK Source Document Discrepancy Form Tracking Number: DR029 - Drum No. 86309 Contained a Small Lighter Fluid Can with 65 mL of liquid							
Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
-------	Pub.	CCP AK Summary Report for LANL TA-55	CCP-AK-LANL-006, Rev. 10	L. Porter	5/04/2010	CCP	67 - 97
-------	Unpub.	CCP Non-Conformance Report	NCR-LANL-0666-10, R.0	P. Dillard	7/1/2010	CCP	All
-------	Unpub.	RTR Data Sheets for Drum No. 86309	LA-RTR2-10-0079, R.0	P. Dillard	6/16/2010	CCP	30 - 32
M224	Unpub.	Radioactive Solid Waste Disposal (RSWD) form for Drum No. S832234 (Parent drum to Drum No. 86309)	N/A	R.Kissane	12/14/1989	LANL	All

Nature of Discrepancy:

Based on the AK collected for waste stream LA-MHD01.001 containers, small, lighter fluid cans with some liquid were not expected to be in the waste stream and were not identified in the Sec. 5.4.5, Prohibited Items of the AK Summary Report (CCP-LANL AK-006).

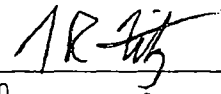
RTR identified one (1) drum, *i.e.*, 86309, that contained a small, metal can with approximately 65 mL of liquid (Per C. Farquhar, RTR Operator, this metal can was a lighter fluid can, approximately 2 in. wide X 4 in. height X 1 " thick). [Drum No. 86309 was originally packaged in parent drum No. S832234 on 1/13/1983 – RSWD attached). Because the small, lighter fluid can with liquid was not identified in the Sec. 5.4.5. Prohibited Items, an NCR, *i.e.* NCR-LANL-0666-10, R.0, was written for this drum in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure.

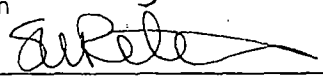
Resolution:

[Process Drum No. 86309 through remediation and remove lighter fluid can with liquid.]

Drum No. 86309 will be remediated and the small, lighter fluid can with liquid will be removed. In addition, CCP-AK-LANL-006, Sec. 5.4.5. Prohibited Items, be revised to include "...small, lighter fluid cans with observable liquid...." (or similar language)

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Randy Fitzgerald /  Date: 8/23/2011
Print Sign

Site Project Manager: Sue Peterman /  Date: 8/23/2011
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.); or Discrepancy (Disc.)

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist

P2010 - 3145

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MHD01.001 (AK10)
Waste Stream Description: Heterogeneous Debris
NCR numbers(s) if applicable: NCR-LANL-0666-10, R0
Inconsistency between waste characterization and acceptable knowledge information (describe): RTR identified one (1) drum, *i.e.*, 86309, that contained a small, metal can with approximately 65 mL of liquid (Per C. Farquhar, RTR Operator, this metal can was a lighter fluid can, approximately 2 in. wide X 4 in. height X 1 " thick). [Drum No. 86309 was originally packaged in parent drum No. S832234 on 1/13/1983 – RSWD attached). Because the small, lighter fluid can with liquid was not identified in the Sec. 5.4.5, Prohibited Items, an NCR, *i.e.* NCR-LANL-0666-10, R.0, was written for this drum in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure].

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	No	Drum will be remediated, but not re-assigned. See AK6 DR029.
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	No	Drum will be remediated, but not re-assigned. See AK6 DR029.
Reassess and document all sampling and analytical data associated with the waste. [c]	Yes	RTR Data Sheets for Drum No. 86309. TWSR for Drum No. S832234 (parent drum to Drum No. 86309). Drum will be remediated, but not re-assigned. See AK6 DR029.
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	No	Drum will be remediated, but not re-assigned. See AK6 DR029.
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	No	N/A – Radionuclides are not discrepant.
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	No changes to AK records required. CCP-AK-LANL-006, Sec. 5.5., Prohibited Items, will be revised to include "....lighter fluid cans with observable liquids...." (or similar language). Drum will be remediated, but not re-assigned. See AK6 DR029.
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	Yes	No unresolved discrepancies. Drum will be remediated, but not re-assigned. See AK6 DR029.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Controlled
Copy

Acceptable Knowledge Expert:

Randy Fitzgerald _____ Date: 8/23/2011
Print Sign

Site Project Manager:

Sue Peterman _____ Date: 8/23/2011
Print Sign

P-TS/CTS 7/15/10 C.T.

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL- 0666 -10 Revision 0

1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-10-0079
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 86309
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) CCP HOLD TAGS SHALL BE APPLIED UNLESS JUSTIFIED AS FOLLOWS:
N/A

7. (b) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs
☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS ☑ Other

7. (c) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):

CCP-TP-053, Revision 8:
4.4.3 [H.2] IF the waste form DOES NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate an NCR in accordance with CCP-QP-005, AND record NCR number in Section 1 of Attachment 2."

7. (d) Actual Condition

65 ML. of possible Flammable liquid in metal container at 23 inches

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Philip Dillard 7/1/10	Carol Torres 7/15/10

9a. Does this NCR have the potential to impact AK? ☑ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO ☐ N/A

10. Significant Condition? C.T.	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
☐ YES ☒ NO ☑ N/A 7/15/10	
12. Trend Code: L	13. Responsible Manager: for TERRIO 7/15/10

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL- 0666 -10 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☐ N/A (See Final Disposition) ☑ Hold ☐ Conditional Accept ☐ Conditional Use

☐ Sort ☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

1. Responsible Manager send this NCR to the AK Expert for re-evaluation in accordance with CCP-TP-005.

2. AK Expert perform the AK re-evaluation and include a copy of documented results as an attachment to this NCR.

3. Determine Final Disposition (block 19) based on these results.

AKE RESPONSE: SEE ATTACHED AK DISCREPANCY REPORT AND AK RE-EVALUATION. JR7 8/23/2011

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual (Print, sign, and date)	16. CCP QA Engineer or Designee (Print, sign and date)
C.A. STEPZINSKI 7/15/10	Carol Torres 7/15/10
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL- 0666 -10 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for Use-As-Is and Repair dispositions, N/A for Reject, Scrap, or Rework dispositions.)

(b) Disposition Instructions (Required for Reject and Scrap, N/A for Use-As-Is, Rework, and Repair)

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for Repair and Rework, N/A for Use-As-Is, Reject and Scrap)

(d) Corrective Actions (Actions to Prevent Recurrence) - as required, N/A if left blank.

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)

23. Attachments:

24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐
(b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐

25. Final Disposition Verified – NCR Closed CCP QA Engineer: (Print, sign, and date)

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-10-0079
Examination Date:	7/1/2010
Waste Container ID:	86309
Video/Audio Recorded Media Number:	LA-RTR2-10-0079 A
Procedure and Revision No.:	CCP-TP-053 Rev. 8
NCR(s) associated with the container? (e.g., Prohibited Items)	☐NO ☑ YES NCR No.: NCR-LANL-0666-10 NCR No.: NCR-LANL-0667-10

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 81.6 kg. Tare Wt: 31.4 kg. Net Wt: 50.2 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	Fiberboard Liner - No Liner Lid
Number of Layers of Confinement:	Appears to be 3 layers
Volume Utilization Percentage:	90 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86309

Section 3: Container Inventory and Comments (Detailed descriptions)
Open 30 gallon drum w/material, metal lids, crushed metal cans, hand tools, scrap metal, electrical equipment, electric motor, 30 gallon drum lid, metal tubing, metal cans w/material Absorbent Cloth material Rubber gasket material Plastic bags, horsetails, electrical cords 65 ML. of possible Flammable liquid in metal container at 23 inches

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others: Fiberboard Liner	3.7
Total Packaging Weight:	31.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	39.7
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	3.0
Rubber (R):	0.5
Plastics (waste materials) (XPM):	5.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	50.2

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86309

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments Block.)	Yes	No	N/A
Is there observable liquid in the container?	☑	☐	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☑	☐	☐
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐	☑	☐
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑	
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑	
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑	
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑	
Is there an indication of wastes containing explosives or compressed gases?	☐	☑	
Is there an indication of polychlorinated biphenyls (PCBs) liquids?	☐	☑	
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑	
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑	☐	
TRUPACT II Criteria			
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste?	☐	☑	
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑	
Are there sealed containers GREATER than 4 liters?	☐	☑	
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑	

Comments:
NCR-LANL-0666-10: 65 ML. of possible Flammable liquid in metal container at 23 inches
NCR-LANL-0667-10: 65 ML. of possible Flammable liquid in metal container at 23 inches

RTR Operator:

Philip Dillard		7/7/10
Print Name	Signature	Date

0.12

PLEASE READ INSTRUCTIONS ON BACK CAREFULLY

LOS ALAMOS RADIOACTIVE SOLID WASTE DISPOSAL RECORD FORM

H-7 Waste Management
Ext 6095 MS J592

1. FORM NUMBER	2. DATE (M M D D Y)	3. RETRIEVABLE SERIAL NO.	4. ORIGIN OF WASTE: GROUP	TA	BLDG.	WING	ROOM	5. WASTE CODE
S 8 3 2 2 3 4	01/19 83	0/0003	MST DO	55	PPA		432	416

6. WASTE DESCRIPTION: Combustible

7. NUMBERS OF WASTE PACKAGES: PLASTIC BAGS	CAIID BOARD BOXES	DRUMS NO.	DRUMS GAL.	WOODEN CRATES NO.	WOODEN CRATES VOLUME ft³	8. GROSS VOLUME	UNITS (M = METER³, F = FEET³, G = GALLON)	9. PACKAGE RADIATION AT: SURFACE MR/HR	1 METER MR/HR
		1	55			7	M	1	0

10. GROSS WEIGHT	UNITS (K = KILOGRAM, P = POUND, T = TON)	11. ADDITIONAL DESCRIPTION OF PACKAGING AND PACKAGING MATERIALS
732	K	MSTI2

12. RADIONUCLIDE CONTENT: NUCLIDE	AMOUNT	±	UNITS (C = CURIE, M = GRAM)	ERROR ON AMOUNT	±	AMOUNT DETERMINED BY: A = ANALYSIS, M = MEASUREMENT, E = ESTIMATE	SS MATERIALS WRITEOFF: ACCOUNT	PROJECT CODE
Pu 5L		E			E		741	309
Am 241		E			E			
		E			E			
		E			E			
		E			E			
		E			E			

WASTE GENERATOR — Signature certifies that waste is in accordance with all applicable disposal requirements.

1-17-83

H-7 WASTE REPRESENTATIVE — Signature certifies that waste package is shown to be safe to handle and transport.

GROUP LEADER (AS NEEDED)

13. DATE DISPOSED (M M D D Y Y)	14. DISPOSAL/STORAGE LOCATION: AREA	SHAFT	PIT	POST(S)	LAYER	POS.	15. SHAFT SURFACE DOSE MR/HR
01/26/83	6	82	1		5	6	

H-7 WASTE MANAGEMENT REPRESENTATIVE

Signature certifies waste met acceptance criteria, and all disposal requirements were met.

HS-E 7-1A (10/81)

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MHD01.001, LA-MIN02-V.001

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR008
Acceptable Knowledge Documentation Type: ✓ TRU Waste Management Program Information ✓ Waste Stream-Specific Information ✓ Supporting Information	Category: C - Correspondence D - Documents M - Miscellaneous P - Procedures ✓ DR - Discrepancy Resolution U - Unpublished Documents

Title of Source Document: TA-55 Mixed Heterogenous Debris Waste and Mixed Vermiculite TRU Waste

Source Document Reference Information (author(s), document and revision number, date, publisher): MJ Papp, NA, NA, 12/3/07

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR4, PR5, WS1, WS8, WS9, S16	All	The CCP AK Summary Report for TA-55 Mixed Transuranic Waste, CCP-AK-LANL-006, was revised to include additional containers to waste stream LA-MHD01.001 and to include new contaminated vermiculite homogenous solid waste stream LA-MIN02-V.001

Source Document Data Limitations (if any):

1. None

Acceptable Knowlege Expert:

Amy Johns / Amy Johns Date: 4/3/08
Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

ORIGINAL

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001 and LA-MIN02-V.001

Waste Stream Description: TA-55 Mixed Heterogeneous Debris Waste and Mixed Vermiculite TRU Waste

AK Documentation Type: [X] TRU Waste Management Program Information [X] Waste Stream Specific Information [X] Supplemental Information							
AK Source Document Discrepancy Form Tracking Number: DR008 – TA-55 Homogeneous Solids Containing Greater Than 50% Heterogeneous Debris							
Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
AK6-D041	Pub.	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	AK-00-019	LANL	09/22/2003	N/A	Pages 44 thru 47 and Att. 3
AK6-M074	Proc.	Procedure 474-CLO, Hydroxide Precipitation of Chloride Waste Streams	TWCP-3547	LANL	01/23/1989	N/A	Page 14 of 16
AK6-P155	Proc.	Pu-238 Residue Solidification	HS-MST11-PP-34, R0; HS-NMT9-PP-34, R01-R06; NMT9-SOP-0034, R07-R09	LANL	02/17/1989 through 08/21/2001	N/A	All
AK6-P156	Proc.	Thermal Decomposition of Cellulose Items Contaminated with Plutonium-238	NMT9-SOP-0096,R00-R04	LANL	09/23/1998 through 03/11/2002	N/A	All
AK6-P157	Proc.	Direct Oxide Reduction of Pu-238 Oxide	NMT9-SOP-0089, R00-R02	LANL	02/04/1998 through 04/18/2003	N/A	All
AK6-P160	Proc.	Introducing and Removing Items and Samples from the Glovebox Systems in PF-4	TA55-SOP-515, R14	LANL	03/19/2002	N/A	All
AK6-P162	Proc.	TA-55 Waste Management Requirements	TA55-RD-539, R1	LANL	01/22/2002	N/A	Page 39
N/A	Pub.	CCP AK Summary Report for Pu-239 Contaminated Mixed Heterogeneous Debris Waste From Los Alamos National Laboratory	CCP-AK-LANL-006	CCP	03/27/2007	N/A	Section 5.4.1.2

N/A	Unpub.	Excerpt from Hotline Archived Questions Report – Waste Analysis Plan	Hotline Identification Number 234	N/A	5/2/2002	N/A	All
N/A	Unpub.	Excerpt from Hotline Archived Questions Report - TRAMPAC	Hotline Identification Number 263	N/A	5/21/2003	N/A	All
N/A	Unpub.	Radiography Data Sheets - Ash Residue Drums	CCP-TP-053, Rev. 5; Attachment 2	N/A	Various	N/A	All
N/A	Unpub.	CCP Visual Examination Paperwork for Container 56235	CCP-TP-113, Rev. 8; Attachment 1/BDR LAVE5000922	N/A	10/03/2007	N/A	All

Nature of Discrepancy:

The CCP AK Summary Report for TA-55 Mixed Transuranic Waste, CCP-AK-LANL-006, was revised to include additional containers to waste stream LA-MHD01.001 and to include new contaminated vermiculite homogeneous solid waste stream LA-MIN02-V.001. However, during this revision containers previously identified as homogeneous solids (e.g., hydroxide cake/filter materials, salts, and ash residues) where discovered to contain greater than 50 percent by volume of heterogeneous debris.

Resolution:

LANL's waste management practice has been to handle and package all debris and homogeneous waste in a similar fashion. In addition, waste is packaged in combinations of operations of origin; that is, waste items from several different operations are frequently combined in a single container. As a result, debris waste containers often include small quantities of homogeneous solids (less than 50 percent by volume). Homogeneous waste containers that include solids such as hydroxide cake/filter materials, salts, and ash residues are still generated, although infrequently. During an evaluation of these homogeneous solids, it was discovered that the majority of containers included more than 50 percent by volume of heterogeneous debris. This is due in part to the packaging configuration associated with small quantities of homogeneous solids. Homogeneous solids are primarily generated from operations performed in gloveboxes. The waste material may be packaged into a plastic bag, a stainless steel dressing jar, a slip top can, and/or an unsealed metal container before it is placed into a plastic bag-out bag. Waste with similar packaging configurations at the former Rocky Flats Environmental Technology Site was characterized as debris. For the purpose of determining transportation compliance, items less than 4 liters (i.e., the initial packaging containers) are not considered layers of confinement and could be considered as a part of the waste. Once removed from the glovebox line the bagged out container(s) may also be put into a secondary stainless steel slip top container. Homogeneous solids can also include debris materials such as small pieces of plastic and metal from incomplete combustion, magnesium oxide crucible pieces from metal purification activities, and metal fines. Consequently, acceptable knowledge and characterization activities consistently identify homogeneous solids as debris.

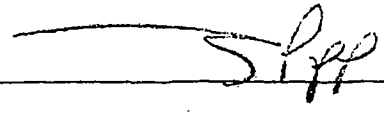
An evaluation of CCP certified real-time radiography (RTR) data sheets was performed on 12 ash residue drums originally generated as homogeneous waste. Visual estimates made by the RTR operators in accordance with WIPP-WAP requirements of the percentage of homogeneous solids verses debris confirmed that all 12 ash residue drums individually met the criteria for Waste Matrix Code S5400. This was further supported by the visual examination paperwork of one of the 12 ash residue drums (container number 56235) which identified the

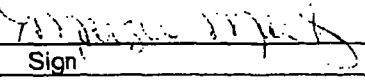
waste as heterogeneous debris. Additionally, the RTR data sheets provided an estimated weight percentage for waste materials packaged in the drums. These weight percentages were categorized into one or more of the following waste material parameters (WMPs): iron based metals/alloys, aluminum based metals/alloys, other metals/alloys, other inorganic materials, cellulosics, rubber, plastics, solidified inorganic material, and solidified organic material. Average, minimum, and maximum WMP weight percentages were calculated using the RTR data sheets, and the results of this analysis indicate that the ranges for the 12 ash residue drums were bounded by the existing WMP ranges identified for waste stream LA-MHD01.001, Table 2 of AK report CCP-AK-LANL-006 (i.e., Iron Based Metals/Alloys = 71.29 percent, Other Metals = 4.88 percent, Other Inorganics = 7.93 percent, and Plastics = 9.05 percent). This evaluation supports the assertion that waste containers previously identified as homogeneous solids contain greater than 50 percent heterogeneous debris.

Containers assigned to new waste stream LA-MIN02-V.001, mixed vermiculite TRU waste, were evaluated and not added to the existing heterogeneous debris waste stream LA-MHD01.001. The evaluation concluded that the relative waste weight percentages for homogeneous waste materials (primarily vermiculite saturated with TRU liquids) and heterogeneous waste materials (primarily steel cans and plastic) for waste stream LA-MIN02-V.001 is 76.46 percent and 23.54 percent, respectively. This is based on the descriptions of waste packaged into 44 drums (the waste volume includes a total of 45 containers). These descriptions indicate that approximately one gallon of contaminated vermiculite is placed into either a 5-mil plastic bag or a 1-gallon can, and subsequently placed in a bag-out bag prior to being placed in the 55-gallon drum. Vermiculite is known to absorb approximately 250 percent of its weight in liquid. The multiple packaging configurations and the incidental debris associated with other homogeneous solids are not expected. Therefore, mixed vermiculite TRU waste containers would not contain more than 50 percent by volume of heterogeneous debris. It should be noted that containers assigned to waste stream LA-MHD01.001 could still contain small quantities of absorbent materials which may include Ascarite, diatomaceous earth, vermiculite, or zeolite with trace contamination of absorbed TRU liquids.

Based on this information, previously generated homogeneous solids such as hydroxide cake/filter materials, salts, and ash residues that contained greater than 50 percent by volume of heterogeneous debris (including internal packaging) have been reassigned to waste stream LA-MHD01.001. It is expected that some number of these containers will fail RTR or visual examination for containing greater than 50 percent homogenous solid waste. These containers will be segregated from the debris waste stream and assigned to the appropriate homogenous waste stream.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp /  Date: 11/30/2007
Print Sign

Site Project Manager:  Date: 12/6/07
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 2 – CCP Radiography Data Sheet

☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0108
Examination Date:	03/29/07
Waste Container ID:	56226
Video/Audio Recorded Media Number:	LA-RTR2-07-0108 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0727-07 NCR No.:

Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 32.4 kg. Tare Wt: 27.7 kg. Net Wt: 4.7 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 3 layers
Volume Utilization Percentage:	30 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56226

Sealed metal cans w/material, metal lids, misc. hardware, wire ties
Absorbent
Plastic bags, horsetails
Sealed container >4L

Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Iron-based Metal / Alloys (IM):	3.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	0.7
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	4.7

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56226

Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0727-07: Sealed container >4L

RTR Operator:

Pete Lucchini		03/29/07
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0107
Examination Date:	03/29/07
Waste Container ID:	56227
Video/Audio Recorded Media Number:	LA-RTR2-07-0107 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0726-07 NCR No.:

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 31.0 kg. Tare Wt: 27.7 kg. Net Wt: 3.3 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 3 layers
Volume Utilization Percentage:	30 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56227

Section 3: Container Inventory and Comments (Detailed descriptions)
Sealed metal cans w/material, metal lids
Plastic bags, horsetails
Sealed containers >4L

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	2.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.3
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.3

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56227

Section 4: RTR Summary (Questions answered "YES" will be explained in the Comments block.)		
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (*i.e., waste does NOT match TRUCON Code*)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there Indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Section 5: Waste Summary (Questions answered "NO" or "Can NOT Verify" will be explained in the Comments block)			
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0726-07: Sealed containers >4L

RTR Operator:		
Pete Lucchini		03/29/07
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0107
Examination Date:	03/29/07
Waste Container ID:	56228
Video/Audio Recorded Media Number:	LA-RTR2-07-0107 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0726-07 NCR No.:

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 31.8 kg. Tare Wt: 27.7 kg. Net Wt: 4.1 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 3 layers
Volume Utilization Percentage:	30 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56228

Section 3: Container Inventory and Comments (Detailed descriptions)
Sealed metal cans w/material, metal lids
Absorbent
Plastic bags, horsetails
Sealed containers >4L

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	2.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.1
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	4.1

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56228

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block.)		
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Section 6: Waste Summary (Questions answered "NO" or "Can NOT Verify" will be explained in the Comments block)			
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0726-07: Sealed containers >4L

RTR Operator:		
Pete Lucchini		03/29/07
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0067
Examination Date:	03/01/07
Waste Container ID:	56229
Video/Audio Recorded Media Number:	LA-RTR2-07-0067 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0665-07 NCR No.:

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 34.8 kg. Tare Wt: 27.7 kg. Net Wt: 7.1 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	45 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56229

Metal cans W/material, metal lids, sealed metal containers (>4L)
Lead shielding
Absorbent (NSW)
Plastic bags, horsetails

Packaging Parameter	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	5.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	1.1
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	7.1

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56229

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Section 6: Waste Summary (Questions answered "NO" or "Can NOT Verify" will be explained in the Comments block)			
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:

This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0665-07: Sealed metal containers (>4L)

RTR Operator:

Steve Binning	Steve Binning	03/01/07
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Page 1 of 3

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0067
Examination Date:	03/01/07
Waste Container ID:	56230
Video/Audio Recorded Media Number:	LA-RTR2-07-0067 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0665-07 NCR No.:

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 32.6 kg. Tare Wt: 27.7 kg. Net Wt: 4.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	30 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56230

Metal cans W/material, metal lids, wire ties, sealed metal containers (>4L)
Absorbent (NSW)
Plastic bags, horsetails

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	3.9
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	4.9

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56230

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Section 6: Waste Summary (Questions answered "NO" or "Can NOT Verify" will be explained in the Comments block)			
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:

This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0665-07: Sealed metal container (>4L)

RTR Operator:

Steve Binning	Steve Binning	03/01/07
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0107
Examination Date:	03/29/07
Waste Container ID:	56231
Video/Audio Recorded Media Number:	LA-RTR2-07-0107 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0726-07 NCR No.:

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 30.8 kg. Tare Wt: 27.7 kg. Net Wt: 3.1 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	25 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56231

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal cans w/material, metal lids
Plastic bags, horsetails
Sealed container >4L

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	2.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.1
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.1

Attachment 2 – CCP Radiography Data Sheet (Continued)

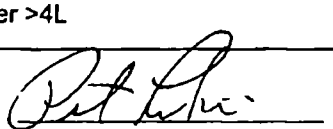
Container ID: 56231

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block.)		
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☐ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Section 6: Waste Summary (Questions answered "NO" or "Can NOT Verify" will be explained in the Comments block)			
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0726-07: Sealed container >4L

RTR Operator:		
Pete Lucchini		03/29/07
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0067
Examination Date:	03/01/07
Waste Container ID:	56232
Video/Audio Recorded Media Number:	LA-RTR2-07-0067 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0665-07 NCR No.:

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 34.0 kg. Tare Wt: 27.7 kg. Net Wt: 6.3 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56232

Metal cans W/material, metal lids, sealed metal containers (>4L)
Lead shielding
Plastic bags, horsetails

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	3.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	2.3
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	6.3

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56232

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block.)		
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Section 6: Waste Summary (Questions answered "NO" or "Can NOT Verify" will be explained in the Comments block)			
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:

This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0655-07: Sealed metal containers (>4L)

RTR Operator:

Steve Binning	Steve Binning	03/01/07
Printed Name	Signature	Date

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Attachment 2 – CCP Radiography Data Sheet

☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0136
Examination Date:	04/20/07
Waste Container ID:	56233
Video/Audio Recorded Media Number:	LA-RTR2-07-0136 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0765-07 NCR No.:

Container Type:	85 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 78.9 kg. Tare Wt: 37.0 kg. Net Wt: 41.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 4 layers
Volume Utilization Percentage:	90 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56233

55 gallon drum, metal bucket with a lid, metal cans with material, scrap metal
Lead shielding
Absorbent
Plastic bags, horsetails
Greater than 4 liter sealed containers

Packaging Materials	Estimated Weight (kg)
Steel (ST):	37.0
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	37.0
Waste Material Parameter:	Estimated Weight (kg):
Iron-based Metal / Alloys (IM):	34.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	4.9
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	41.9

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56233

Are there liquid wastes (i.e., Residual liquids) present?		☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?		☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?		☑ NO	☐ YES
Are there Explosives present?		☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?		☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?		☑ NO	☐ YES
Are there Indications of inadequate liner venting?		☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?		☑ NO	☐ YES
Are there Pyrophoric materials present?		☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?		☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?		☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)		☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?		☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?		☑ NO	☐ YES
Are there Indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?		☑ NO	☐ YES
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0765-07: Greater than 4 liter sealed containers

RTR Operator:

Printed Name	Signature	Date
Pete Lucchini		04/20/07

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56233

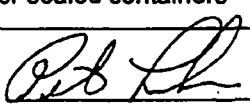
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

NCR-LANL-0765-07: Greater than 4 liter sealed containers

RTR Operator:

Pete Lucchini		04/20/07
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0067
Examination Date:	03/01/07
Waste Container ID:	56235
Video/Audio Recorded Media Number:	LA-RTR2-07-0067 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0665-07 NCR No.:

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 31.6 kg. Tare Wt: 27.7 kg. Net Wt: 3.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	55 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56235

Metal cans W/material, metal lids, sealed metal containers (>4L)
Plastic bags, horsetails

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	2.9
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.9

Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56235

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☑ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Section 6: Waste Summary (Questions answered "NO" or "Can NOT Verify" will be explained in the Comments block)			
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:

This drum contains metal cans with material, which may require additional Project Office review.
NCR-LANL-0665-07: Sealed metal containers (>4L)

RTR Operator:

Steve Binning	Steve Binning	03/01/07
Printed Name	Signature	Date

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Attachment 2 – CCP Radiography Data Sheet

☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0116
Examination Date:	04/05/07
Waste Container ID:	56238
Video/Audio Recorded Media Number:	LA-RTR2-07-0116 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES NCR No.:_____ NCR No.:_____

Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 34.2 kg. Tare Wt: 27.7 kg. Net Wt: 6.5 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	45 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Page 2 of 3

Container ID: 56238

Metal cans W/material, slip top cans
Absorbent
Plastic bags, horsetails

	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	27.7
Material Description	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	4.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	6.5

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56238

Are there liquid wastes (i.e., Residual liquids) present?		☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?		☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?		☑ NO	☐ YES
Are there Explosives present?		☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?		☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?		☑ NO	☐ YES
Are there indications of inadequate liner venting?		☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?		☑ NO	☐ YES
Are there Pyrophoric materials present?		☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?		☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?		☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)		☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?		☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?		☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?		☑ NO	☐ YES
Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

RTR Operator:

William P Tilmon		04/05/07
Printed Name	Signature	Date

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Attachment 2 – CCP Radiography Data Sheet

☑ RTR Examination	☐ RTR Replicate Scan	☐ RTR Independent Observation
Site ID and Location:	LANL	
Batch Number:	LA-RTR2-07-0135	
Examination Date:	04/19/07	
Waste Container ID:	56349	
Video/Audio Recorded Media Number:	LA-RTR2-07-0135 A	
Procedure and Revision No.:	CCP-TP-053 Rev. 5	
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES NCR No.:_____ NCR No.:_____	

Container Type:	85 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 70.8 kg. Tare Wt: 37.0 kg. Net Wt: 33.8 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	90 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56349

55 gal. drum, slip top cans W/material
Absorbent
Plastic bags, horsetails

Packaging Material:	Estimated Weight (kg)
Steel (ST):	37.0
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	37.0
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	30.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	3.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	0.8
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	33.8

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56349

Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

RTR Operator:

William P Tilmon		04/19/07
Printed Name	Signature	Date

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Attachment 2 – CCP Radiography Data Sheet

☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-07-0136
Examination Date:	04/20/07
Waste Container ID:	56398
Video/Audio Recorded Media Number:	LA-RTR2-07-0136 A
Procedure and Revision No.:	CCP-TP-053 Rev. 5
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES NCR No.:_____ NCR No.:_____

Container Type:	85 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 69.6 kg. Tare Wt: 37.0 kg. Net Wt: 32.6 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	90 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Container ID: 56398

55 gallon drum, metal cans with material
Absorbent
Plastic bags, horsetails

Steel (ST):	37.0
Plastics (PP):	0.0
Others:	
Total Packaging Weight:	37.0
Iron-based Metal / Alloys (IM):	29.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.6
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	32.6

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Attachment 2 – CCP Radiography Data Sheet (Continued)

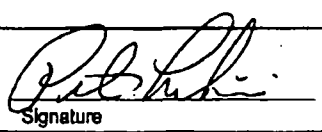
Container ID: 56398

Are there liquid wastes (i.e., Residual liquids) present?	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in an internal container?	☑ NO	☐ YES
Is there residual liquid > 1 percent volume of the payload container?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables, Corrosives, or Reactive (D001, D002, D003) waste present?	☑ NO	☐ YES
Are there indications of inadequate liner venting?	☑ NO	☐ YES
Is there insufficient X-Ray penetration to confirm waste form and Waste Matrix Code?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Does the physical form of the waste match the Waste Stream description?	☐ Can NOT Verify	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ Can NOT Verify	☐ NO	☑ YES

Comments:
This drum contains metal cans with material, which may require additional Project Office review.

RTR Operator:

Pete Lucchini		04/20/07
Printed Name	Signature	Date

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Attachment 4 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE500092 Date: 10/3/07

1	80040
2	
3	
4	
5	
6	
7	
8	
9	N/A JRB 10-3-07
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

Visual Examination Expert:

Joseph A Garcia — Print Name
Signature
10/9/07 — Date

Independent Technical Reviewer:

Peggy Hinsman — Print Name
Signature
10-9-2007 — Date 10-10-07

ORIGINAL

000001

BEST AVAILABLE COPY

Attachment 4 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE500092 Date: 10/3/07

1	80040
2	
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N/A DAB 10-3-07 Superseded DAB 10-10-07

Visual Examination Expert:

Joseph A Garcia — Print Name; Signature; 10/9/07 — Date

Independent Technical Reviewer:

Peggy Simmons — Print Name; Peggy Simmons — Signature; 10-9-2007 — Date

ORIGINAL

000001A
DAB
10-10-07

Attachment 3 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVE500092 Date: 10/3/07

Table of Contents		
Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination Data Forms	3
4	CCP Waste VE Independent Technical Reviewer Checklist	9
5	Copy of NCRs (N/A, If Not Applicable)	11

Attachment 1 – CCP Waste Visual Examination Data Form Page 1 of 7

Batch Data Report No.: LAVE500092

Section 1: General Information	
X VE in Lieu of Radiography ☐ VE for Repackaged Waste ☐ VE for Newly Generated Waste	
Site ID and Location: TA-50-69	
Examination Date: 10/3/07	
Procedure No.: CCP-TP-113	Revision No.: 8
Camera/Audio/Video Media Recording Check: X N/A	☐ SAT
VE Scale Information: X N/A	Serial/ID Number: Calibration Due Date: Calibration Check: ☐ SAT ☐ UNSAT
Test Weight Information: Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information: ☐ N/A	Serial/ID Number: 019065 Calibration Due Date: 3/26/08
Comments: VEE has determined that the camera and VE scale are not going to be used.	

Attachment 1 – CCP Waste Visual Examination Data Form (continued) Page 2 of 7

Batch Data Report No.: LAVE500092

Section 2A: Input Waste Container Data
Input Waste Container ID: 56235
Waste Stream ID: LA-MHD01.001
Audio/Video Media Recording Number: X N/A
Container Type: 55 GAL. DRUM
TRUCON Code: LA-225
Waste Matrix Code: S5400
Number of Layers of Confinement: 1 ☐ N/A
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO X YES
Does the physical form of the waste match the Waste Matrix Code? ☐ NO X YES
NCR(s) associated with the input container? ☐ NO X YES NCR No.: NCR-LANL-0404-07 NCR No.: NCR-LANL-0665-07
Comments: - All packages will be opened to verify no prohibited items. - Sealed containers >4L were found and opened. - During VE of this container it was determined that the total volume of debris waste is greater then 50%

Attachment 1 – CCP Waste Visual Examination Data Form (continued) Page 3 of 7

Batch Data Report No.: LAVE500092

Output Waste Container ID: 80040		Waste Stream ID: LA-MHD01.001
Container Type: 55 gal. drum	TRUCON Code: LA-225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: X N/A		
Waste Container Weights: Tare Wt: 32.6 kg.		Gross Wt: 37.4 kg.
Rigid Liner Present? ☐ NO X YES Type of Liner: ☐ Lead ☐ Plastic X Other: Thickness: ☐ 30-mil X 90-mil ☐ 110-mil ☐ 125-mil		Rigid Liner Lid Present? X NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES X N/A ☐ Vented: Hole Size: X N/A ☐ Filtered: Model No.: X N/A Serial No.: X N/A
Bag Liner Present? ☐ NO x YES		Volume Utilization Percentage: 25 %
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ~~X~~NO ~~x YES~~ DAB 101007		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO x YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container? ☐ NO ☐ YES x N/A		
Container Filter and Lid Ring/Bolt Torque Data Filter Torque Wrench: Serial/ID No.: 030725 Calibration Due Date: 9/16/08 Filter: Model No.: Nucfil-019DS Serial No.: IG-2010 Torque Value: 10 ft/lbs		Lid Ring/Bolt Torque Wrench Serial/ID No.: 033159 Calibration Due Date: 1/16/08 Lid Ring/Bolt Torque Value: 60 ft/lbs.
Is dose rate greater than 200mrem/hr? x NO ☐ YES		
NCR(s) associated with the output container? ☐ NO x YES NCR No.: NCR-LANL-0413-07 NCR No.: N/A		
Comments: - Rigid liner is fiberboard - There are three metal cans with material in them. - Fiberboard liner as part of the packaging configuration is not incorporated in the AK, NCR initiated. DAB 101007		

Attachment 1 – CCP Waste Visual Examination Data Form (continued) Page 3 of 7

Batch Data Report No.: LAVE500092

Output Waste Container ID: 80040		Waste Stream ID: LA-MHD01.001
Container Type: 55 gal. drum	TRUCON Code: LA-225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: X N/A		
Waste Container Weights: Tare Wt: 32.6 kg.		Gross Wt: 37.4 kg.
Rigid Liner Present? ☐ NO X YES Type of Liner: ☐ Lead ☐ Plastic X Other: Thickness: ☐ 30-mil X 90-mil ☐ 110-mil ☐ 125-mil		Rigid Liner Lid Present? X NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES X N/A ☐ Vented: Hole Size: X N/A ☐ Filtered: Model No.: X N/A Serial No.: X N/A
Bag Liner Present? ☐ NO x YES		Volume Utilization Percentage: 25 %
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO x YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO x YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container? ☐ NO ☐ YES x N/A		
Container Filter and Lid Ring/Bolt Torque Data Filter Torque Wrench: Serial/ID No.: 030725 Calibration Due Date: 9/16/08 Filter: Model No.: Nucfil-019DS Serial No.: IG-2010 Torque Value: 10 ft/lbs		Lid Ring/Bolt Torque Wrench Serial/ID No.: 033159 Calibration Due Date: 1/16/08 Lid Ring/Bolt Torque Value: 60 ft/lbs.
Is dose rate greater than 200mrem/hr? x NO ☐ YES		
NCR(s) associated with the output container? ☐ NO x YES NCR No.: NCR-LANL-0413-07 NCR No.: N/A		
Comments: - Rigid liner is fiberboard - There are three metal cans with material in them.		

Supervisor Review 10/10/07 DAB

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DAB
10-10-07

Attachment 1 – CCP Waste Visual Examination Data Form (continued) Page 4 of 7

Batch Data Report No.: LAVE500092

Output Waste Container ID: 80040

Section 3A: Waste Package Data

Package Number	Package/Item/Content Description	WMP [Table 3]	Weight (kg) [Table 4.a]	Weighing and WMP Reconciliation Code(s) [Table 4.bc]
1	Metal can, ash	IM 90% C 10%	0.4 0.1	E
2	Metal can, ash	IM 90% C 10%	0.3 0.1	E
3	Metal can, ash	IM 90% C 10%	0.5 0.1	E
4	Metal cans	IM 100%	1.4	E
5	Plastic bags	PW 100%	0.2	E
6	Bag liner	PP 100%	0.5	E/XPW
WAIP	Plastic bagout stubs	PW 100%	1.2	E/WAIP
N/A	N/A	N/A	N/A	N/A

Attachment 1 – CCP Waste Visual Examination Data Form (continued) Page 6 of 7

Batch Data Report No.: LAVE500092

Output Waste Container ID: 80040

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	26.8
Plastics (PP):	2.1
Others:	3.7
Total Packaging Weight:	32.6
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	2.6
Aluminum-based Metals/Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	0.3
Rubber (R):	
Plastics (waste materials) (PW):	1.9
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	4.8

Attachment 1 – CCP Waste Visual Examination Data Form (continued) Page 7 of 7

Batch Data Report No.: LAVE500092

Output Waste Container ID: 80040

Section 5: Prohibited Item(s) Summary		
a. Are there liquid wastes (i.e., free liquids) present?	X NO	☐ YES
b. Is there residual liquid > 1 in./2.5 cm in the internal container(s)?	X NO	☐ YES
c. Is there residual liquid > 1 percent of the container volume?	X NO	☐ YES
d. Are there compressed gases present?	X NO	☐ YES
e. Are there explosives present?	X NO	☐ YES
f. Are there potentially pressurized containers in the waste?	X NO	☐ YES
g. Are there sealed containers > 4 liters in the waste?	X NO	☐ YES
h. Are there ignitables (D001) present?	X NO	☐ YES
i. Are there corrosives (D002) present?	X NO	☐ YES
j. Are there reactive (D003) wastes present?	X NO	☐ YES
k. Are there non-radionuclide pyrophorics present?	X NO	☐ YES
l. Are there polychlorinated biphenyls (PCBs) present that are **NOT** authorized under an EPA PCB waste disposal authorization?	X NO	☐ YES
m. Are there non-mixed hazardous wastes present?	X NO	☐ YES
n. Are there incompatible wastes present (i.e., waste does **NOT** match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	X NO	☐ YES
o. Are there heat-sealed bags (unvented) > 4 liters and <390 square inches in the waste?	X NO	☐ YES

Section 6: Approvals

Visual Examination Operator 1:
D A Blum — Print Name
D A Bl — Signature
10-3-07 — Date

Visual Examination Operator 2:
Gilbert Gutierrez — Print Name
Signature
10-3-07 — Date

Attachment 2 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE500092

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☒ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☒ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☒ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals (Section 3, Attachment 1)	☐ NO	☒ YES	☐ N/A
b. Weight totals (Section 4, Attachment 1)	☐ NO	☒ YES	☐ N/A
c. Summed volume of liquids, as necessary	☐ NO	☒ YES	☐ N/A
d. The total of the WMP weights (Section 4, Attachment 1) is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight (Section 2B, Attachment 1).	☐ NO	☒ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☒ YES	☐ N/A
6. Were all the transcription errors corrected?	☐ NO	☐ YES	☒ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☒ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table Of Contents?	☐ NO	☒ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☒ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☒ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES	☒ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☐ YES	☒ N/A
13. Was the physical form of the waste in the Input and/or Output Container(s) evaluated to determine if it matched the Waste Matrix Code and Waste Stream Description?	☐ NO	☒ YES	☐ N/A

Attachment 2 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE500092 Page 2 of 2

14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☒ YES	☐ N/A
15. Are the decisions regarding the VE documented?	☐ NO	☒ YES	☐ N/A
16. Is there an adequate written description of the contents of each item?	☐ NO	☒ YES	☐ N/A
17. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☒ YES	☐ N/A
18. Were the scale checks SAT prior to each VE and documented correctly?	☐ NO	☒ YES	☐ N/A
19. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☒ N/A
20. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☒ N/A
21. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☒ N/A
22. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☒ YES	☐ N/A
23. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☒ YES	☐ N/A
24. Were NCRs initiated as required and dispositioned appropriately?	☐ NO	☒ YES	☐ N/A

Comments: NCR-LANL-0413-07 is a Trend Code L and will be dispositioned by an AKE.

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Printed Name Peggy Aumis Signature Peggy Aumis Date 10-9-2007 10-10-2007

Attachment 2 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE500092 Page 2 of 2

14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☒ YES	☐ N/A
15. Are the decisions regarding the VE documented?	☐ NO	☒ YES	☐ N/A
16. Is there an adequate written description of the contents of each item?	☐ NO	☒ YES	☐ N/A
17. Were the scale(s) in calibration prior to the VE and documented correctly?	~~☐ NO~~	☒ YES	☐ N/A
18. Were the scale checks SAT prior to each VE and documented correctly?	☐ NO	☒ YES	☐ N/A
19. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☒ N/A
20. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☒ N/A
21. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☒ N/A
22. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☒ YES	☐ N/A
23. Completeness: Is there a completed VE data form for each waste container in the BDR?.	☐ NO	☒ YES	☐ N/A
24. Were NCRs initiated as required and dispositioned appropriately?	☐ NO	☒ YES	☐ N/A

Comments: NCR-LANL-0413-07 is a Trend Code L and will be dispositioned by an AKE.

Corrected 10-10-07 DAB

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Peggy Reeves — Printed Name

Peggy Reeves — Signature

10-9-2007 — Date

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DAB
10-10-07

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Attachment 1 – CCP Nonconformance Report (NCR)		
NCR No. NCR-LANL-0413-07 Revision 0		
1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): VERIDE	3. Batch Data Report # (s): Listed in P-TB
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: N/A	Container #(s): Listed in P-TB

DESCRIPTION OF NONCONFORMANCE

7. (a) CCP HOLD TAGS SHALL BE APPLIED UNLESS JUSTIFIED AS FOLLOWS:

☐ < 100 nCi/g ☒ Prohibited Item ☐ >300 ppmv Flam. VOCs

☐ E-Flag ☐ Receiving Inspection ☐ Transportation ☐ WWIS ☒ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Revision, Section & Text)

CCP-TP-113, Rev. 8, Section 4.2.1 [M] Record the following information for the Output Waste Container in Section 2B of Attachment 1. [M.4] TRUCON code

CCP-TP-053, Rev. 5, 4.4.3 H.1 If the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate an NCR in accordance with CCP-QP-005.

(c). Actual Condition

Although, the TRUCON code for the packaging configuration of this drum has been approved; it has not been incorporated into the AK Summary Report. The drum is packaged with a fiberboard liner.

NOTE: Drums may be added to this NCR without revising the NCR.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
S. M. Peterman 10/04/07	CM Gomez 10/4/07
9a. Does this NCR have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE If YES or INDETERMINATE, then apply Trend Code L in Block 12.	
10. Significant Condition? ☐ YES ☐ NO ☐ NA	11. Recurring Condition? ☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: S. M. Peterman

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Controlled Copy

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR-LANL-0413-07	Revision 0
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition:	
INTERIM DISPOSITION APPROVALS	
15. Responsible Manager/Individual (Print, sign, and date)	16. CCP QA Engineer or Designee (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

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Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR-LANL-0413-07	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for "Use-As-Is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)	
(b) Disposition Instructions (Required for "Reject" and "Scrap", N/A for "Use-As-Is" and "Repair")	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework", N/A for "Use-As-Is, "Reject" and "Scrap")	
(d) Corrective Actions (Actions to Prevent Recurrence) – as required.	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

HOTLINE ARCHIVED QUESTIONS REPORT

HOTLINE ID NUMBER 263 **ITEM IS COMPLETE AND CAN BE USED FOR REFERENCE** ✔

On 5/13/03 **Thomas Krause** of the **LAWRENCE BERKLEY NATIONAL LABORATORY** contacted the HOTLINE with the following question regarding the **TRAMPAC**

Lawrence Berkley National Laboratory (LBNL) requests guidance on identification of layers of confinement for small waste items. Transuranic (TRU) waste at LBNL consists primarily of small items from laboratory research and development activities inside of primary packaging such as plastic bags or glass jars. Very often, these items are inside of several primary packages and these packages may be taped shut or heat-sealed. For example, there may be a waste item consisting of a calcium fluoride (CaF) crystal containing actinides, which is inside of a sealed glass tube, which is inside of a glass jar with a screw top, which is in turn inside of 2 plastic bags. None of these containers is greater than 4 liters. For the purpose of determining transportation and disposal compliance, would these primary packages (i.e., sealed glass tube, glass jar, plastic bag) be considered layers of confinement?

LBNL intends to use the TRUPACT-II content code (TRUCON) SQ 221, which allows up to three layers of confinement. Each drum will have a 55-gallon plastic bag as one layer of confinement. Would the numerous primary packages on these small waste items each be considered another layer of confinement? Alternatively, could these primary packages be considered part of the waste item?

The following response has been approved by the CBFO

The Transuranic Waste Authorized Methods for Payload Control (TRAMPAC) for the TRUPACT-II states in Appendix 5.3, "Sealed containers that are greater than 4 liters (nominally) in size are prohibited, except for Waste Material Type II.2 packaged in metal cans as the innermost layer of confinement." Thus, sealed or unsealed containers less than 4 liters are permitted and are not considered layers of confinement.

The containers that are less than 4 liters (e.g., sealed glass tubes and glass jars) could be considered as a part of the waste. For the purpose of determining transportation compliance, these items are not considered layers of confinement. Per the response to Hotline Question No. 230, heat-sealed plastic bags that are equal to or less than 4 liters in size are not considered confinement layers. If the plastic bags referenced in the description are greater than 4 liters, they must be considered in determining transportation compliance.

REFERENCES:

TRUPACT-II Authorized Methods for Payload Control (TRAMPAC), Revision 19b.
Hotline 230

This item was completed on 5/21/03

HOTLINE ARCHIVED QUESTIONS REPORT

HOTLINE ID NUMBER 234 **ITEM IS COMPLETE AND CAN BE USED FOR REFERENCE** ✓

On 5/2/02 **Frank Grady** of the **ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE** contacted the HOTLINE

with the following question regarding the **WASTE ANALYSIS PLAN**

Sampling and analysis activities at Rocky Flats have resulted in generation of laboratory sample returns. The waste form consists of the sample vial/bottle with the remaining portion of the sample. In some cases, the vials/bottles may have been broken because of the laboratory's disposition techniques and therefore the remaining sample is not fully contained by the vial/bottles. In some cases, the sample vial may have been placed in a vollrath can (Kaiser-Hill Letter Number 02-RF-01686).

Acceptable Knowledge for this waste form indicates that the laboratory sample returns are composed of greater than 50% by volume debris waste, therefore, the laboratory sample returns are within the Summary Category Group S5000 - Debris Waste. This summary category group designation is based on the information presented in the Introduction and Attachment Highlights Section of Attachment B to the WIPP Hazardous Waste Permit.

Does DOE-CBFO agree with this designation?

The following response has been approved by the CBFO

Yes. Based on the information provided, the described waste meets the definition of "debris" in the WIPP Hazardous Waste Facility Permit, Attachment B, Introduction and Attachment Highlights, which defines "debris" as:

"S5000 - Debris Waste This Summary Category Group includes heterogeneous waste that is at least 50 percent by volume materials that meet the criteria specified in 20 NMAC 4.1.800 (incorporating 40 CFR §268.2(g)). Debris means solid material exceeding a 2.36 inch (in.) (60 millimeter) particle size that is intended for disposal and that is:

1. ***a manufactured object, or***
2. ***plant or animal matter, or***
3. ***natural geologic material.***

Particles smaller than 2.36 inches in size may be considered debris if the debris is a manufactured object and it is not a particle of S3000 or S4000 material".

The regulatory definition of "debris," 40 Code of Federal Regulations (CFR) §268.2(g), excludes intact containers of hazardous waste. However, CBFO has determined that the sample vials and vollrath cans are waste rather than containers.

REFERENCES:

Kaiser-Hill Letter Number 02-RF-01686, "Addendum to Hotline Question #234, Laboratory Sample Returns - FJG-007-02", dated July 24, 2002

WIPP Hazardous Waste Facility Permit, Attachment B, Introduction and Attachment Highlights

40 Code of Federal Regulations §268.2(g)

This item was completed on 9/26/02

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	4/3/08

Document Number	Title/Description	Record Date	Total Pages
DR008	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	4/3/08	1
	TA-55 Mixed Heterogenous Debris Waste and Mixed Vermiculite TRU Waste	12/3/2007	54

Comments

Please add to existing DR008.

Acceptance/Rejection Signature and Date

Records Accepted ☑	Jodi Saltzman Signature	JODI SALTZMAN Printed Name	4/10/08 Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

P. 01

TRANSACTION REPORT

APR-10-2008 THU 11:15 AM

FOR: CCP RECORDS 15052347014

*SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
APR-10	11:14 AM	LANL CARLSBAD	14"	1	FAX TX	OK	152	

TOTAL : 14S PAGES: 1

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	4/3/08

Document Number	Title/Description	Record Date	Total Pages
DR008	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	4/3/08	1
	TA-55 Mixed Heterogenous Debris Waste and Mixed Vermiculite TRU Waste	12/3/2007	54

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	SHEILA PEARCY	From:	SHERI NANCE (JLS)
Ship to:	CCP RECORDS	Site:	LANL, CCP-AK-LANL-006
	4021 NATIONAL PARKS HWY	Company:	TECHNICAL SPECIALISTS, LLC
	MSA GSA 203	Telephone Number:	509-628-2048 (628-3234) FAX
	CARLSBAD, NM 88220	Date Sent:	12/05/2007
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
DR008	ATTACHMENT 3-ACCEPTABLE KNOWLEDGE SOURCE DOCUMENT SUMMARY FOR CCP-AK-LANL-0006	12/05/2007	1
	ATTACHMENT 11-ACCEPTABLE KNOWLEDGE SOURCE DOCUMENT DISCREPANCY RESOLUTION. TA-55 MIXED HETEROGENEOUS DEBRIS WASTE AND MIXED VERMICULITE TRU WASTE. TRACKING NUMBERS: AK6-D041, M074, P155, P156, P157, P160, AND P162.	12/03/2007	3

Comments

NONE

Acceptance/Rejection Signature and Date

Records Accepted [X] Jodi Saltzman JODI SALTZMAN 12/21/07
Signature Printed Name Date

Records Rejected [ ] _____ _____ _____
Signature Printed Name Date

Reason for Rejection:

Re-submittal: _____ _____ _____
Signature Printed Name Date

P. 01

TRANSACTION REPORT

DEC-21-2007 FRI 11:06 AM

FOR: CCP RECORDS 15052347014

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
DEC-21	11:06 AM	LANL CARLSBAD	15″	1	FAX TX	OK	948	

TOTAL : 15S PAGES: 1

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	SHEILA PEARCY	From:	SHERI NANCE (JLS)
Ship to:	CCP RECORDS	Site:	LANL, CCP-AK-LANL-006
	4021 NATIONAL PARKS HWY	Company:	TECHNICAL SPECIALISTS, LLC
	MSA GSA 203	Telephone Number:	509-628-2048 (628-3234) FAX
	CARLSBAD, NM 88220	Date Sent:	12/05/2007
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
DR008	ATTACHMENT 3-ACCEPTABLE KNOWLEDGE SOURCE DOCUMENT SUMMARY FOR CCP-AK-LANL-0006	12/05/2007	1
	ATTACHMENT 11-ACCEPTABLE KNOWLEDGE SOURCE DOCUMENT DISCREPANCY RESOLUTION. TA-55 MIXED HETEROGENEOUS DEBRIS WASTE AND MIXED VERMICULITE TRU WASTE. TRACKING NUMBERS: AK6-D041, M074, P155, P156, P157, P160, AND P162.	12/03/2007	3

Comments

NONE

Acceptance/Rejection Signature and Date JODI SALTZMAN

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MHD01.001

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR007
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☐ Waste Stream-Specific Information ☑ Supporting Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Discrepancy Resolution For Packaging Configuration

Source Document Reference Information (author(s), document and revision number, date, publisher): R Fitzgerald, DR007, 0, 10/10/07

AK # [a]	Source Doc. Page # [b]	AK Information Summary
S16	All	Drum S833355 had seven layers of confinement.

Source Document Data Limitations (if any):

1. Applicable on ly to container S833355.

Acceptable Knowlege Expert:

Sheri Nance Sheri Nance Date: 10/30/07
Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

ORIGINAL

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001

Waste Stream Description: TA-55 Heterogeneous Debris

AK Documentation Type: ☐TRU Waste Management Program Information ☒Waste Stream Specific Information ☒Supplemental Information

AK Source Document Discrepancy Form Tracking Number: **CH AK6 DR007**

Tracking #.	Category[a]	Title	Document/ Rev#	Author	Date	Publisher	Page #
--	Pub.	LANL TA-55 Mixed Transuranic Waste	CCP-AK-LANL-6, Rev. 6	M. Pearcy	3/27/2007	CCP	14, 15
	Unpub.	NCR	LANL-0005-06, R0;	I. Aragon	5/10/06	CCP	All
	Unpub.	VE Data Form for S833355	CCP-TP-113, Rev. 4	R. Montoya	3/29/2006	LANL	All

Nature of Discrepancy:

Packaging configuration did NOT meet the Waste Stream Description for layers of confinement.

1. During VE, container S833355 had a total of seven (7) layers of confinement. Two (2) layers of confinement were for the two liner bags and the other five layers were for a package that had five (5) layers of confinement.
2. The AK Report (CCP-AK-LANL-6) for this waste stream (LA-MHD01.001) states "Layers of Confinement: Maximum of six layers." [Sec. 2.1]
3. Since the layers of confinement found by VE was inconsistent with the AK Summary Report, NCR-LANL-0005-06, R.0, was initiated in accordance with CCP-TP-113, Sec. 4.2.1[J.3](a).

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution **Page 2 of 2**

Resolution:

1. The AK Summary Report will be revised to discuss that one drum was found with seven (7) layers of confinement, and to note that this is the only drum that has been found with seven (7) layers of confinement.

Discrepancy Resolved: **X** Yes __ No

Acceptable Knowledge Expert: Randy Fitzgerald / _____ Date: 10/10/2007
Print Sign

Site Project Manager: ~~Sue Peterman~~ Marcie Martinez / _____ Date: 10/10/07
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 1 - CCP-Waste Visual Examination Data Form Page 1 of 5

Section 1: General Information	
☐ VE as QC Check X VE in Lieu of Radiography ☐ VE Technique	
1. Site ID and Location:	LATA50WCRFF
2. Batch Number:	LAVE500075
3. Examination Date:	03/21/06
4. Procedure and Revision No.:	CCP-TP-113 Rev. 4
5. Camera/Audio/Videotape Check:	X SAT
6. VE Scale Information:	Serial/ID Number: 032663 Calibration Due Date: 062806 Calibration Check: X SAT
7. Test Weight Information: Test Weight Total: 7.25kg Tray Weight: 1.07kg	Serial/ID Number: 1IN8/025474 10lbs Calibration Due Date: 031407 Serial/ID Number: 1IN6/025479 5lbs Calibration Due Date: 031107 Serial/ID Number: 26HX/032347 1lb Calibration Due Date: 092607
8. Container Scale Information	Serial/ID Number: 019065 Calibration Due Date: 050706
9. NCRs associated with the Container? (e.g., Prohibited Items)	☐ NO X YES ☐ NCR No.: NCR- LANL-0002-06 Date: 041106 NCR- LANL-0005-06 Date: 051006

Comments:
All layers of confinement will be breached unless otherwise noted.

Difference between Gross Weight and Section 4 is due to use of estimated weights for packaging material.

Parent drum was weighed after it was prepped for bag-on. Estimated weights of 2.1kg for bagout bag and 0.5kg for vinyl tape were added to packaging material in Section 4, #42 for this added weight.

VEE: Ricky Baros

VEO'S: Rick Montoya

RCT: Eric Falkenthal, Mike Pitts

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 2 of 5**

Section 2: Waste Container Data	
Input Waste Container N/A	Output Waste Container
10. Waste Container ID: S833355	11. Waste Container ID: S833355
12. Audio/Videotape Number: LAVE500075VT	13. Audio/Videotape Number: LAVE500075VT
14. Container Type: **Painted 55-Gallon Drum**	15. Container Type: **Painted 55-Gallon Drum**
16. TRUCON Code: LA225, 154	17. TRUCON Code: LA225, 154
18. Waste Matrix Code: S5400	19. Waste Matrix Code: S5400
20. Waste Container Weights: Gross Wt: 97.9kg	21. Waste Container Weights: Tare Wt: 33.7kg Gross Wt: 102.5kg
22. Rigid Liner Present? X NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Other: _____ Thickness: ☐ 30-mil 90-mil ☐ 110-mil ☐ 125-mil Rigid Liner Lid Present? X NO ☐ YES	23. Rigid Liner Present? ☐ NO X YES Type of Liner: ☐ Lead X Plastic ☐ Other: _____ Thickness: ☐ 30-mil X 90-mil ☐ 110-mil ☐ 125-mil Rigid Liner Lid Present? X NO ☐ YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☐ Vented: Hole Size: NA ☐ Filtered: Model No.: NA Serial No.: NA	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☐ Vented: Hole Size: NA ☐ Filtered: Model No.: NA Serial No.: NA
26. Bag Liner Present? ☐ NO X YES Thickness of Liner: 12mil If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? ☐ NO X YES	27. Bag Liner Present? ☐ NO X YES Thickness of Liner: 12mil If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? ☐ NO X YES
28. Volume Utilization Percentage: 75%	29. Volume Utilization Percentage: 75%
30. Closure Method/Layers of Confinement: Number of Layers: 7 Description: TTF	31. Closure Method/Layers of Confinement: Number of Layers: 1 Description: TTF
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? ☐ NO X YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? ☐ NO X YES
	34. Closure Method for Container Liners: X N/A ☐ Method:
	35. Protection is adequate for heavy and/or sharp objects? ☐ NO X YES ☐ N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: 30724 Calibration Due Date: 10/11/06 Filter: Model No.: Nucfil-019DS Serial No.: KF-376 Torque Value: 10ft-lbs Lid Ring Bolt Torque Wrench Serial/ID No.: 033157 Calibration Due Date: 11/02/06 Lid Ring Bolt Torque Value: 60ft-lbs

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 3 of 5**

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4,*]	41. Weighing Code(s)[Table 4**]
1	Metal container, lid:	15% IM	1.20	ED
	Vinyl tape, tags:	5% PW	0.40	
	Graphite:	80% OI	6.42	
2	Container, lid:	50% IM	0.23	ED
	Vinyl tape, plastic:	30% PW	0.14	
	Cardboard tag:	5% C	0.02	
	Glass, graphite:	15% OI	0.07	
3	Container, lid:	15% IM	0.97	ED
	Vinyl tape, bag:	5% PW	0.32	
	Graphite:	80% OI	5.17	
4	Container, lid:	20% IM	1.10	ED
	Lead shielding:	15% OM	0.82	
	Vinyl tape, bag:	15% PW	0.82	
	Ceramics:	50% OI	2.75	
5	Container, lid:	25% IM	1.10	ED
	Glass, ceramics:	50% OI	2.21	
	Vinyl tape, bag:	25% PW	1.10	
6	Lead shielding:	10% OM	0.84	ED
	Container, lid:	20% IM	1.68	
	Ceramics:	60% OI	5.03	
	Vinyl tape, bag:	10% PW	0.84	
7	Bag, vinyl tape:	10% PW	0.34	ED
	Container, lid:	10% IM	0.34	
	Ceramics:	80% OI	2.71	
8	Bag, vinyl tape:	10% PW	0.31	ED
	Container, lid:	10% IM	0.31	
	Ceramics:	80% OI	2.46	
9	Container, lid:	25% IM	2.13	ED
	Lead shielding:	25% OM	2.13	
	Bag, vinyl tape:	10% PW	0.85	
	Ceramics:	40% OI	3.41	

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4,*]	41. Weighing Code(s)[Table 4**]
10	Bag, vinyl tape: Container, lid: Lead shielding: Ceramics:	10% PW 25% IM 25% OM 40% OI	0.75 1.89 1.89 3.02	ED
11	Bag, vinyl tape: Container, lid: Ceramics:	10% PW 40% IM 50% OI	0.36 1.45 1.81	ED
12	Container, lid: Lead shielding: Bag, vinyl tape: Ceramics:	25% IM 25% OM 10% PW 40% OI	1.82 1.82 0.73 2.92	ED
PP	Bag liner:	100% PW	0.72	W
WAIP	Bag out stub from previous drum:	100% PW	0.76	W
WAIP	Glovebox glove:	100% R	0.38	W

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 4 of 5**

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	2.1 + 0.5 + 0.7 = 3.3
Others:	NA
Total Packaging Weight:	31.0
43. Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	14.2
Aluminum-based Metals/Alloys (AM):	NA
Other Metals (OM):	7.5
Other Inorganic Materials (OI):	38.0
Cellulosics (C):	~~NA~~ 5.0
Rubber (R):	NA
Plastics (waste materials) (PW):	7.0
Organic Matrix (OR):	NA
Inorganic Matrix (IN):	NA
Soils (S):	NA
Total WMP Weight:	66.7

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 5 of 5**

Section 5: Prohibited Item(s) Summary

44. Prohibited Item(s) present:	X NO	☐ YES
IF "YES" above, **OR** for the VE Technique process, **THEN** answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present? ount:	☐ NO	☐ YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☐ NO	☐ YES
c. Is there residual liquid > 1 percent of the container volume?	☐ NO	☐ YES
d. Are there compressed gases present?	☐ NO	☐ YES
e. Are there explosives present?	☐ NO	☐ YES
f. Are there potentially pressurized containers in the waste?	☐ NO	☐ YES
g. Are there sealed containers > 4 liters in the waste?	☐ NO	☐ YES
h. Are there ignitables (D001) present?	☐ NO	☐ YES
i. Are there corrosives (D002) present?	☐ NO	☐ YES
j. Are there reactive (D003) wastes present?	☐ NO	☐ YES
k. Are there pyrophorics present?	☐ NO	☐ YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☐ NO	☐ YES
m. Are there non-mixed hazardous wastes present?	☐ NO	☐ YES
n. Are there incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☐ NO	☐ YES
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	☐ NO	☐ YES

Section 6: Approvals

Visual Examination Operator 1:		
Rick Montoya Print Name	Rick Montoya Signature	3-29-06 Date
Visual Examination Operator 2:		
NA Print Name	Signature	Date
Visual Examination Expert:		
Ricky Baros Print Name	Ricky Baros Signature	3-29-06 Date

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL – 0005 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: NA	2. Process (NDA, HSG, NDE, VE, Other): VE	3. Batch Data Report # (s): LAVE500075
4. Order/Work Order/Job Control Number (as applicable): NA	5. PO #: NA 6. Supplier: NA	Container#(s): S833355

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☐ YES ☑ NO (If NO, explain) Segregation Method(s): ☐ NA

Disposition is "Use As Is", no Hold Tag needed.

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

CCP-AK-LANL-006, Rev. 3, Section 2.0 Waste Stream Identification Summary, Layers Of Confinement: Maximum of Six Layers.

(c). Actual Condition

This drum had a total of 7 Layers of Confinement. Two Layers of Confinement were for the two liner bags and the other five layers were for a package that had five Layers of Confinement.

8. NCR Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
Israel Aragon 5-10-06	Richard Bird 5-10-06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Margie Martinez

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0005 - 06 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition:	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL -0005 - 06 Revision 0	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☑ Use-As Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.) All Layers of Confinement were breeched during Visual Examination and the drum has only one Layer of Confinement after Visual Examination.	
(b) Disposition Instructions (Required for "Reject" and "Scrap") NA	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework") NA	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required. NA	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign and date) Margie Martinez	21. SPQAO/FQAO: (Print, sign and date) Richard Bird 5-10-06
Additional Approvals: (Print, sign and date) NA	Additional Approvals: (Print, sign and date) NA
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date) 7/19/06	
23. Final Disposition Verified – NCR Closed 7/19/06	SPQAO: (Print, sign and date)

Attachment 10 - Acceptable Knowledge Re-evaluation Checklist

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MHD01.001
Waste Stream Description: TA-55 Heterogeneous Debris
NCR numbers(s) if applicable: NCR-LANL-0005-06, R0

Inconsistency between waste characterization and acceptable knowledge information (describe):

Packaging configuration did NOT match the Waste Stream Description.

1. During VE, container S833355 had a total of seven (7) layers of confinement. Two (2) layers of confinement were for the two liner bags and the other five layers were for a package that had five (5) layers of confinement. None of these liner bags were less than 4 liters.
2. The AK Report (CCP-AK-LANL-6) for this waste stream (LA-MHD01.001) states "Layers of Confinement: Maximum of six layers." [Sec. 2.1]
3. Since the layers of confinement found by VE was inconsistent with the AK Summary Report, NCR-LANL-0005-06, R.0, was initiated in accordance with CCP-TP-113, Sec. 4.2.1[J.3](a).
4. The AK Summary Report will be revised to discuss that one drum was found with seven (7) layers of confinement, and to note that this is the only drum that has been found with seven (7) layers of confinement.

Attachment 10 - Acceptable Knowledge Re-evaluation Checklist (cont.)

Requirements	Completed? Yes/No	Supporting Documentation [a]
Review existing information based on the container identification number and document all differences in EPA hazardous waste number assignments. [c]	N/A	DR007, VE Data Form for Drum No. S833355
If differences exist in the EPA hazardous waste numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	N/A	DR007, VE Data Form for Drum No. S833355
Reassess and document all sampling and analytical data associated with the waste. [c]	N/A	DR007, VE Data Form for Drum No. S833355
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	N/A	DR007, VE Data Form for Drum No. S833355
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and confirmation information associated with the new information. [c]	N/A	Not an NDA-related discrepancy
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	YES	DR007 and AK6 Freeze File
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA hazardous waste numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	YES	NCR: NCR-LANL-0005-06, R0

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. Ensure that if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

Randy Fitzgerald _____ _____ Date: 10/10/2007
Print Sign

Site Project Manager:

Marche Martinez
~~Sue Peterman~~ _____ _____ Date: 10/10/2007
Print Sign
10/10/07

Attachment 1 - CCP-Waste Visual Examination Data Form Page 1 of 5

Section 1: General Information	
☐ VE as QC Check X VE in Lieu of Radiography ☐ VE Technique	
1. Site ID and Location:	LATA50WCRFF
2. Batch Number:	LAVE500075
3. Examination Date:	03/21/06
4. Procedure and Revision No.:	CCP-TP-113 Rev. 4
5. Camera/Audio/Videotape Check:	X SAT
6. VE Scale Information:	Serial/ID Number: 032663 Calibration Due Date: 062806 Calibration Check: X SAT
7. Test Weight Information: Test Weight Total: 7.25kg Tray Weight: 1.07kg	Serial/ID Number: 1IN8/025474 10lbs Calibration Due Date: 031407 Serial/ID Number: 1IN6/025479 5lbs Calibration Due Date: 031107 Serial/ID Number: 26HX/032347 1lb Calibration Due Date: 092607
8. Container Scale Information	Serial/ID Number: 019065 Calibration Due Date: 050706
9. NCRs associated with the Container? (e.g., Prohibited Items)	☐ NO X YES ☐ NCR No.: NCR- LANL-0002-06 Date: 041106 NCR- LANL-0005-06 Date: 051006

Comments:
All layers of confinement will be breached unless otherwise noted.

Difference between Gross Weight and Section 4 is due to use of estimated weights for packaging material.

Parent drum was weighed after it was prepped for bag-on. Estimated weights of 2.1kg for bagout bag and 0.5kg for vinyl tape were added to packaging material in Section 4, #42 for this added weight.

VEE: Ricky Baros

VEO'S: Rick Montoya

RCT: Eric Falkenthal, Mike Pitts

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 2 of 5**

Section 2: Waste Container Data	
Input Waste Container N/A	Output Waste Container
10. Waste Container ID: S833355	11. Waste Container ID: S833355
12. Audio/Videotape Number: LAVE500075VT	13. Audio/Videotape Number: LAVE500075VT
14. Container Type: Painted 55-Gallon Drum	15. Container Type: Painted 55-Gallon Drum
16. TRUCON Code: LA225, 154	17. TRUCON Code: LA225, 154
18. Waste Matrix Code: S5400	19. Waste Matrix Code: S5400
20. Waste Container Weights: Gross Wt: 97.9kg	21. Waste Container Weights: Tare Wt: 33.7kg Gross Wt: 102.5kg
22. Rigid Liner Present? X NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Other: _____ Thickness: ☐ 30-mil 90-mil ☐ 110-mil ☐ 125-mil Rigid Liner Lid Present? X NO ☐ YES	23. Rigid Liner Present? ☐ NO X YES Type of Liner: ☐ Lead X Plastic ☐ Other: _____ Thickness: ☐ 30-mil X 90-mil ☐ 110-mil ☐ 125-mil Rigid Liner Lid Present? X NO ☐ YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☐ Vented: Hole Size: NA ☐ Filtered: Model No.: NA Serial No.: NA	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☐ Vented: Hole Size: NA ☐ Filtered: Model No.: NA Serial No.: NA
26. Bag Liner Present? ☐ NO X YES Thickness of Liner: 12mil If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? ☐ NO X YES	27. Bag Liner Present? ☐ NO X YES Thickness of Liner: 12mil If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? ☐ NO X YES
28. Volume Utilization Percentage: 75%	29. Volume Utilization Percentage: 75%
30. Closure Method/Layers of Confinement: Number of Layers: 7 Description: TTF	31. Closure Method/Layers of Confinement: Number of Layers: 1 Description: TTF
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? ☐ NO X YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? ☐ NO X YES
	34. Closure Method for Container Liners: X N/A ☐ Method:
	35. Protection is adequate for heavy and/or sharp objects? ☐ NO X YES ☐ N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: 30724 Calibration Due Date: 10/11/06 Filter: Model No.: Nucfil-019DS Serial No.: KF-376 Torque Value: 10ft-lbs Lid Ring Bolt Torque Wrench Serial/ID No.: 033157 Calibration Due Date: 11/02/06 Lid Ring Bolt Torque Value: 60ft-lbs

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 3 of 5**

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4,*]	41. Weighing Code(s)[Table 4**]
1	Metal container, lid:	15% IM	1.20	ED
	Vinyl tape, tags:	5% PW	0.40	
	Graphite:	80% OI	6.42	
2	Container, lid:	50% IM	0.23	ED
	Vinyl tape, plastic:	30% PW	0.14	
	Cardboard tag:	5% C	0.02	
	Glass, graphite:	15% OI	0.07	
3	Container, lid:	15% IM	0.97	ED
	Vinyl tape, bag:	5% PW	0.32	
	Graphite:	80% OI	5.17	
4	Container, lid:	20% IM	1.10	ED
	Lead shielding:	15% OM	0.82	
	Vinyl tape, bag:	15% PW	0.82	
	Ceramics:	50% OI	2.75	
5	Container, lid:	25% IM	1.10	ED
	Glass, ceramics:	50% OI	2.21	
	Vinyl tape, bag:	25% PW	1.10	
6	Lead shielding:	10% OM	0.84	ED
	Container, lid:	20% IM	1.68	
	Ceramics:	60% OI	5.03	
	Vinyl tape, bag:	10% PW	0.84	
7	Bag, vinyl tape:	10% PW	0.34	ED
	Container, lid:	10% IM	0.34	
	Ceramics:	80% OI	2.71	
8	Bag, vinyl tape:	10% PW	0.31	ED
	Container, lid:	10% IM	0.31	
	Ceramics:	80% OI	2.46	
9	Container, lid:	25% IM	2.13	ED
	Lead shielding:	25% OM	2.13	
	Bag, vinyl tape:	10% PW	0.85	
	Ceramics:	40% OI	3.41	

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4,*]	41. Weighing Code(s)[Table 4**]
10	Bag, vinyl tape: Container, lid: Lead shielding: Ceramics:	10% PW 25% IM 25% OM 40% OI	0.75 1.89 1.89 3.02	ED
11	Bag, vinyl tape: Container, lid: Ceramics:	10% PW 40% IM 50% OI	0.36 1.45 1.81	ED
12	Container, lid: Lead shielding: Bag, vinyl tape: Ceramics:	25% IM 25% OM 10% PW 40% OI	1.82 1.82 0.73 2.92	ED
PP	Bag liner:	100% PW	0.72	W
WAIP	Bag out stub from previous drum:	100% PW	0.76	W
WAIP	Glovebox glove:	100% R	0.38	W

000021

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 4 of 5**

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	2.1 + 0.5 + 0.7 = 3.3
Others:	NA
Total Packaging Weight:	31.0
43. Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	14.2
Aluminum-based Metals/Alloys (AM):	NA
Other Metals (OM):	7.5
Other Inorganic Materials (OI):	38.0
Cellulosics (C):	~~NA~~ 7.0
Rubber (R):	NA
Plastics (waste materials) (PW):	7.0
Organic Matrix (OR):	NA
Inorganic Matrix (IN):	NA
Soils (S):	NA
Total WMP Weight:	66.7

Attachment 1 - CCP Waste Visual Examination Data Form (continued) **Page 5 of 5**

Section 5: Prohibited Item(s) Summary

44. Prohibited Item(s) present:	X NO	☐ YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present? ount:	☐ NO	☐ YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☐ NO	☐ YES
c. Is there residual liquid > 1 percent of the container volume?	☐ NO	☐ YES
d. Are there compressed gases present?	☐ NO	☐ YES
e. Are there explosives present?	☐ NO	☐ YES
f. Are there potentially pressurized containers in the waste?	☐ NO	☐ YES
g. Are there sealed containers > 4 liters in the waste?	☐ NO	☐ YES
h. Are there ignitables (D001) present?	☐ NO	☐ YES
i. Are there corrosives (D002) present?	☐ NO	☐ YES
j. Are there reactive (D003) wastes present?	☐ NO	☐ YES
k. Are there pyrophorics present?	☐ NO	☐ YES
l. Are there polychlorinated biphenyls (PCBs) present that are **NOT** authorized under an EPA PCB waste disposal authorization?	☐ NO	☐ YES
m. Are there non-mixed hazardous wastes present?	☐ NO	☐ YES
n. Are there incompatible wastes present (i.e., waste does **NOT** match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☐ NO	☐ YES
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	☐ NO	☐ YES

Section 6: Approvals

Visual Examination Operator 1:		
Rick Montoya Print Name	Rick Montoya Signature	3-29-06 Date
Visual Examination Operator 2:		
NA Print Name	Signature	Date
Visual Examination Expert:		
Ricky Baros Print Name	Ricky Baros Signature	3-29-06 Date

Attachment 1 – CCP Nonconformance Report (NCR)		
NCR No. NCR – LANL – 0005 – 06 Revision 0		
1. Lot No./Heat No. or Serial No.: NA	2. Process (NDA, HSG, NDE, VE, Other): VE	3. Batch Data Report # (s): LAVE500075
4. Order/Work Order/Job Control Number (as applicable): NA	5. PO #: NA 6. Supplier: NA	Container#(s): S833355

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☐ YES ☑ NO (If NO, explain) Segregation Method(s): ☐ NA

Disposition is "Use As Is", no Hold Tag needed.

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

CCP-AK-LANL-006, Rev. 3, Section 2.0 Waste Stream Identification Summary, Layers Of Confinement: Maximum of Six Layers.

(c). Actual Condition

This drum had a total of 7 Layers of Confinement. Two Layers of Confinement were for the two liner bags and the other five layers were for a package that had five Layers of Confinement.

8. NCR Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
Israel Aragon 5-10-06	Richard Bird 5-10-06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Margie Martinez

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0005 - 06 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition:	
INTERIM DISPOSITION APPROVALS	
15. Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0006 - 06 Revision 0	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☑ Use-As Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions. N/A for "Reject," "Scrap," or "Rework" dispositions.) All Layers of Confinement were breeched during Visual Examination and the drum has only one Layer of Confinement after Visual Examination.	
(b) Disposition Instructions (Required for "Reject" and "Scrap") NA	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework") NA	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required. NA	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign and date) Margie Martinez	21. SPQAO/FQAO: (Print, sign and date) Richard Bird 5-10-06
Additional Approvals: (Print, sign and date) NA	Additional Approvals: (Print, sign and date) NA
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date) Margie Martinez 7/19/06	
23. Final Disposition Verified – NCR Closed Steve Mayo 7/19/06	SPQAO: (Print, sign and date)

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
		Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048
Telephone Number:	505-234-7523	Date Sent:	11/8/07

Document Number	Title/Description	Record Date	Total Pages
DR007	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	10/30/2007	1
	DR007 - Discrepancy Resolution For Packaging Configuration with supporting documentation. JS 11/14/07	10/10/2007	22

Comments
None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Jodi Saltzman (Signature) JODI SALTZMAN (Printed Name) 11/14/07 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

TRANSACTION REPORT P. 01

FOR: CCP RECORDS 15052347014 NOV-14-2007 WED 12:46 PM

SEND DATE START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
NOV-14 12:46 PM	LANL CARLSBAD	15"	1	FAX TX	OK	675	

TOTAL : 15S PAGES: 1

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048
Telephone Number:	505-234-7523	Date Sent:	11/8/07

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DR007	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	10/30/2007	1
	DR007 - Discrepancy Resolution For Packaging Configuration with supporting documentation. JS 11/14/07	10/10/2007	22

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR005
Waste Stream Number(s): LA-MHD01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: __ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: __ C - Correspondence ☐ D - Documents __ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Acceptable Knowledge Source Document Discrepancy Resolution - Homogeneous Solids in Containers S818280, S818308, S822622, S818309, S832485, S862359, S802994, and S811632	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, N/A, N/A, May 2, 2006	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS2, WS6, WS9, WS10, S9	1-2	Based on the AK collected for waste stream LA-MHD01.001 containers; the stream is comprised of greater than 50 percent of heterogeneous inorganic and organic debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any drum may include nearly any percentage of the waste material parameters listed in the report, except that no that no individual drum will contain greater than 50 percent homogeneous solids. RTR identified eight (8) containers [S818280 (LANL-0057-05); S818380 (LANL-0057-05); S822622 (LANL-0058-05); S818309 (LANL-0116-05); S832485 (LANL-0832-05); S862359 (LANL-0729-08); S802994 (LANL-0731-06); and S811632 (LANL-0741-06)] containing greater than 50 percent homogenous solids in this debris waste stream. Because the waste observed by RTR in these containers did not match the Waste Stream Description for heterogeneous waste stream LA-MHD.001, NCRs were assigned to these drums in accordance with CCP-TP-053, Section 4.4.3.H.1 [CCP Standard Teal-time Radiography (RTR) Inspection Procedure]. The Radioactive Solid Waste Disposal (RSWD) forms for the eight containers were obtained and it was confirmed that the A18 (Combustible Trash), A19 (Combined Combustible/non-combustible lab trash), and A61 (Other Non-combustibles) RSWD Codes were specifically assigned to these containers by the LANL generators (D025, D026, M019, M015-M019, M224). Because these eight (8) containers are predominately homogeneous solids (S3000) waste, they will be removed from LA-MHD01.001 pending the development of the AK for an appropriate homogeneous solids stream for TA-55 operations. With the removal of these containers from waste stream LA-MHD01.001, the physical, chemical, and radiological characterization of the remaining containers in the stream are consistent with the waste stream description in CCP-AK-LANL-006.

CCP RECORDS ORIGINAL
DATE REC'D 12/13/2012

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR005

Source Document Data Limitations (if any):

1. No CCP homogeneous solids stream is currently defined for TA-55 operations.

Acceptable Knowlege Expert:

Amy Johns , Amy Johns Date: 12/3/2012

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001 (DR005)

Waste Stream Description: Pu-239 Contaminated Mixed Heterogeneous Debris

AK Documentation Type: ☐TRU Waste Management Program Information ☒Waste Stream Specific Information ☒Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR005

Tracking #	Category*	Title	Document/ Rev# *	Author	Date	Publisher	Page #
–	Pub.	LANL Pu-239 Contaminated Mixed Heterogeneous Debris	CCP-AK-LANL-006, Rev. 3	S. Peterman	4/13/06	CCP	12, 50, Att. 2 Table 2-1
	Unpub.	NCR	LANL-0057-05, R0;	C. Lucero	5/16/05	LANL	All
	Unpub.	NCR	LANL-0058-05, R0;	C. Lucero	5/16/05	LANL	All
	Unpub.	NCR	LANL-0116-05, R0;	C. Lucero	8/1/05	LANL	All
	Unpub.	NCR	LANL-0832-05, R0;	C. Lucero	12/20/05	LANL	All
	Unpub.	NCR	LANL-0729-06, R0;	C. Lucero	2/2/06	LANL	All
	Unpub.	NCR	LANL-0731-06, R0;	C. Lucero	2/6/06	LANL	All
	Unpub.	NCR	LANL-0741-06, R0	C. Lucero	2/13/06	LANL	All
D025	Pub.	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239	TWCP-AK-2.1-015	B. Humphrey	4/10/03	LANL	9-16, 54, 55
D026	Pub.	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	TWCP-AK-2.1-019 (TWCP-17136)	C. Smith	3/3/03	LANL	Att. 3 – Pgs. 2, 3
M019 M215 M216 M217 M218 M219 M224	Pub.	Generator Documentation (RSWD/TWSRs)	None	TA-55 Personnel	—	LANL	Containers S818280, S818380, S818308, S822622, S818309, S832485, S862359, S802994, and S811632

127 4/17/07

ATTACHMENT 3
NCR-LANL-0879-06, REV. 1
Page 1 of 24

Nature of Discrepancy:

S818308 187 4/17/07

Based on the AK collected for waste stream LA-MHD01.001 containers; the stream is comprised of greater than 50 percent of heterogeneous inorganic and organic debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any drum may include nearly any percentage of the waste material parameters listed in the report, except that no that no individual drum will contain greater than 50 percent homogeneous solids. RTR identified eight (8) containers [S818280 (LANL-0057-05); S818360 (LANL-0057-05); S822622 (LANL-0058-05); S818309 (LANL-0116-05); S832485 (LANL-0832-05); S862359 (LANL-0729-06); S802994 (LANL-0731-06); and S811632 (LANL-0741-06)] containing greater than 50 percent homogenous solids in this debris waste stream. Because the waste observed by RTR in these containers did not match the Waste Stream Description for heterogeneous waste stream LA-MHD.001, NCRs were assigned to these drums in accordance with CCP-TP-053, Section 4.4.3.H.1 [CCP Standard Teal-time Radiography (RTR) Inspection Procedure].

Resolution:

The Radioactive Solid Waste Disposal (RSWD) forms for the eight containers were obtained and it was confirmed that the A18 (Combustible Trash), A19 (Combined Combustible/non-combustible lab trash), and A81 (Other Non-combustibles) RSWD Codes were specifically assigned to these containers by the LANL generators (D025, D026, M019, M015-M019, M224). Because these eight (8) containers are predominately homogeneous solids (S3000) waste, they will be removed from LA-MHD01.001 pending the development of the AK for an appropriate homogeneous solids stream for TA-55 operations. With the removal of these containers from waste stream LA-MHD01.001, the physical, chemical, and radiological characterization of the remaining containers in the stream are consistent with the waste stream description in CCP-AK-LANL-006.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: Randy Fitzgerald / [signature] Date: 5/3/06
Print Sign

Site Project Manager: Michael Gerle / [signature] Date: 5/3/06
Print Sign

* Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

ATTACHMENT 3
NCR-LANL-0879-06, REV. 1
Page 2 of 24

CCP Nonconformance Report (NCR) COPY

NCR No. NCR – LANL - 0057 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0048
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A Supplier: NA	DRUM #(s): S818280, S818308
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method (s): ☐ NA

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053, Rev.3, 4.4.3 H.1. : "IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005."

(c). **Actual Condition**

RTR examination of these drums revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description (CCP-AK-LANL-006, Rev. 2, p.11).

8. Originator (Print name, sign and date) Charlie Lucero 5-16-05	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 5-16-05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: SPM

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0057 - 05 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

CCP Nonconformance Report (NCR)

COPY

NCR No. NCR - LANL - 0057 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification (**Required for "Use-As-Is" and "Repair"** dispositions, N/A for "Reject" or "Rework" dispositions.)

N/A

(B) Disposition (**Required for "Reject" and "Scrap"**)

Reject drums to host site.

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria **(Required for "Repair" and "Rework")**

N/A

(D) Corrective Actions (**Actions to Prevent Recurrence**) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Michael Gerle 5/18/05	Peter Lindahl 5/18/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0058 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0049
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A	DRUM #(s): S822622
6. E-QA NCR #: N/A	Supplier: NA	

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053, Rev.3, 4.4.3 H.1. : "IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005."

(c). **Actual Condition**

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description (CCP-AK-LANL-006, Rev. 2, p.11).

8. Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
Charlie Lucero 5.16.05	Steve Ewing 5-16-05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: SPM

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0058 - 05 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0058 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification **(Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.)**

N/A

(B) Disposition **(Required for "Reject" and "Scrap")**

Reject drum to host site.

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria. **(Required for "Repair" and "Rework")**

N/A

(D) Corrective Actions **(Actions to Prevent Recurrence)** - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Michael Gerle	Peter Lindahl 5/18/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

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CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0116 – 05 Revision 0		
1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0101
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A	DRUM #(s): S818309
6. E-QA NCR #: N/A	Supplier: NA	

DESCRIPTION OF NONCONFORMANCE

7. (a) **Hold Tag Applied?** ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.3, 4.4.3 H.1.

(c). **Actual Condition**

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
Charlie Lucero 8/1/05	Steve Ewing 8.2.05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: Steve Ewing

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0116 - 05 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: N/A	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)	
18. Interim Disposition Verified **SPQAO/FQAO:** (Print, sign and date.)	

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0116 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification **(Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.)**
N/A

(B) Disposition **(Required for "Reject" and "Scrap")**
Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria **(Required for "Repair" and "Rework")**
N/A

(D) Corrective Actions **(Actions to Prevent Recurrence)** - as required.
N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Steve Ewing 8-2-05	Pete Lindahl 8/2/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0832 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0224
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S832485

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.3, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 12/20/05	9. SPQAO/FQAO Validation (Print name, sign and date) William Mussman 1-5-06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: K	13. Responsible Manager: Wes Root

COPY

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0832 - 05 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: N/A	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)	

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0832 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date)	21. SPQAO/FQAO: (Print, sign and date)
William Mussman 1-5-06	Peter C. Lindahl 1/5/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0729 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0038
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S862359

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogeneous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/2/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.3.06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: K	13. Responsible Manager: ~~Wes Root~~ 2/3/06 M. GERLE

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0729 - 06 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0729 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date)	21. SPQAO/FQAO: (Print, sign and date)
~~Charlie Lucero~~ 2.3.06 STEVE EWING 2.3.06	Peter C. Lindahl 2/3/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0731 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0043
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S802994

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 8/6/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.8.06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: ~~K~~ L SE 2.8.06	13. Responsible Manager: ~~Wes Root~~ Michael Gerle SE 2.8.06

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0731 - 06 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0731 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date) Steve Ewing 2.8.06	21. SPQAO/FQAO: (Print, sign and date) Peter C. Lindahl 2/8/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0741 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0056
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S811632

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/13/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.14.06
10. Significant Condition? ☐ YES ☒ NO ~~☐ NA~~ SE 2.14.06	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Micheal Gerle

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0741 - 06 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0741 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date)	21. SPQAO/FQAO: (Print, sign and date)
~~Charlie Lucero~~ 2.14.06 Steve Ewing 2.14.06	Peter C. Lindahl 2/14/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

COPY

To: "Kevin J. Peters" <kpeters44@comcast.net>
From: James R Fitzgerald <randy_fitz@lanl.gov >
Subject: Re: Notification of the Removal of Eight (8) Containers from Waste Stream LA-MHD01.001
Cc: gerlem@lanl.gov, gfussell@lanl.gov
Bcc:
Attached:

Kevin,

An AK WMC Hold Flag has been placed on the AKTSS for these eight (8) containers.

Randy Fitzgerald, AKE
NWIS-TA54E/CCP
Technical Specialists
TA-54-533, Room 1017
505-667-3074 office
505-231-7582 cell
505-667-9710 fax

At 12:43 PM 5/3/2006, you wrote:

> Randy,
>
> As you are aware predominantly homogeneous solids containers S818260, S818380, S822622, S818309, S832485, S862359, S802994, and S811632 have been removed from debris Waste Stream LA-MHD01.001 per DR005 and the associated re-evaluation performed for these containers. This email was sent to notify you that a revision to Attachment 8 for this waste stream has been submitted to CCP records reflecting this change and the appropriate changes should be made for these containers in the AK Tracking Spreadsheet for this waste stream.
>
> Kevin J. Peters
> Technical Specialists
> (303)949-7525

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MHD01.001

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR004
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Supplemental Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Discrepancy Resolution, Nonhazardous Pu-239 Contaminated Stream Generated from TA-55 PF-4

Source Document Reference Information (author(s), document and revision number, date, publisher): Steve Schafer, N/A, 0, 6/2/05

AK # [a]	Source Doc. Page #[b]	AK Information Summary
PR4, PR5, PR7, WS1, WS12	All	LANL Project 2010 has historically identified a nonhazardous waste Pu-239 contaminated stream generated from TA-55 PF-4. CCP selected a small subpopulation of these nonhazardous containers where at the time it was thought that adequate supporting documentation was available to support the nonhazardous characterization. However, re-evaluation of AK based on confirmation testing, both RTR and headspace gas sampling, from the container assigned to the nonhazardous waste stream concluded these containers should be move to a hazardous waste stream.

Source Document Data Limitations (if any):

Acceptable Knowlege Expert:

STEVE SCHAFER, _____ Date: 6/2/05
Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001 DR004

Waste Stream Description: Mixed Heterogeneous Debris from TA-55

AK Documentation Type: ☐TRU Waste Management Program Information ☒Waste Stream Specific Information ☒Supplemental Information

AK Source Document Discrepancy Form Tracking Number:

Tracking #	Category[a]	Title	Document/ Rev#	Author	Date	Publisher	Page #
D026	Pub.	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)	TWCP-AK-2.1-019 (TWCP-17136)	N/A	9/22/03	LANL	ALL
N/A	Pub.	Los Alamos National Laboratory Pu-239 Contaminated Mixed Heterogeneous Debris	CCP-AK-LANL-006, Rev. 2	N/A	4/14/04	CCP	ALL
N/A	Pub.	Los Alamos National Laboratory TA-55 Non-Hazardous Heterogeneous Debris	CCP-AK-LANL-005, Rev. 1	N/A	4/4/05	CCP	ALL

Nature of Discrepancy:

1. LANL Project 2010 has historically identified a nonhazardous waste Pu-239 contaminated stream generated from TA-55 PF-4. CCP selected a small subpopulation of these nonhazardous containers where at the time it was thought that adequate supporting documentation was available to support the nonhazardous characterization. However, re-evaluation of AK based on confirmation testing, both RTR and headspace gas sampling, from the container assigned to the nonhazardous waste stream concluded these containers should be move to a hazardous waste stream.

Resolution:

AK assigned 34 drums from TA-55 Plutonium Facility (PF-4) to a non-hazardous waste stream. During initial characterization of drums in this waste stream, both headspace gas (HSG) analysis and real-time radiography (RTR) identified several drums with hazardous constituents. HSG analysis identified 3 drums, i.e., 59412, 59410, and 59720, with toluene (F005) exceeding the PRQL of 10 ppmv (see attached data sheets); and 3 drums with toluene less than the PRQL, but greater than the MDL (j flag) (see attached data sheets). RTR identified 2 drums, i.e., 59064 and 59414 which contained lead (D008) (see attached NCRs).

The trend established by finding hazardous constituents during the initial characterization of drums in this waste stream demonstrates that LANL waste management practices were not adequate to designate any individual container to a nonhazardous waste stream. For this reason all 34 drums initially assigned to Waste Stream LA-NHD01.001 will be reassigned to Waste Stream LA-MHD01.001.The required characterization information for the mixed, heterogeneous debris waste stream – LA-MHD01.001 is found in LANL Pu-239 Contaminated Mixed Heterogeneous Debris – Waste Stream LA-MHD01.001, CCP-AK-LANL-006, Rev. 2, April 14, 2005.

Since all of the mixed Pu-239 debris was generated by the same plutonium recovery activities at PF-4 are addressed in CCP-AK-LANL-006, it is appropriate to re-assign the 34 drums to the LA-MHD01.001 waste stream.

See CCP-AK-LANL-005, Attachment 10, Dated 6/2/05 for supporting documentation.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: Randy Fitzgerald / [signature] Date: 5/4/06 (original record signed on 6/2/05 lost)
Print Sign

Site Project Manager: Michael Gerle / [signature] Date: 5/4/06 (original record signed on 6/2/05 lost)
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist – Example Form

Site(s): Los Alamos National Laboratory
Waste Stream Number(s): LA-NHD01.001
Waste Stream Description: TA-55 Non-Hazardous Heterogeneous Debris
NCR number(s) if applicable: LANL-0707-04, Rev. 0; LANL-0708-04, Rev. 0
Inconsistency between waste characterization and acceptable knowledge information (describe): See Page 2

Requirements	Completed? Yes/No	Supporting Documentation [a]
Review existing AK information and document state and EPA Hazardous Waste Code differences with characterization results. [c]	YES	HSG Analysis Data Sheets; NCR's LANL-070704, R.0, LANL-0708-04, R.0
Reassess original AK and document AK associated with new state and EPA Hazardous Waste Code assignment and new waste stream designation. [b,c]	YES	CCP-AK-LANL-006, R.2, 4/14/05
Reassess and document AK associated with new waste material parameter determinations and new waste stream designation.	YES	CCP-AK-LANL-006, R.2, 4/14/05
Verify and document that new waste material parameter determinations (or those associated with a new waste matrix code) are consistent with the waste material parameters identified during nondestructive examination or visual examination	N/A	
Reassess original AK and document AK associated with new summary category assignment and new waste stream designation.	YES	CCP-AK-LANL-006, R.2, 4/14/05
Verify and document that the new waste matrix code group wastes were generated within the AK specified time period, area, buildings, and waste generating processes.	YES	CCP-AK-LANL-006, R.2, 4/14/05
Reassess and document AK associated with new radionuclide content determination and new waste stream designation. [c]	YES	CCP-AK-LANL-006, R.2, 4/14/05
Report nonconformance, document segregation of container, and define corrective action for full characterization if AK discrepancies for new assignment(s) exist.	YES	NCR's LANL-070704, R.0, LANL-0708-04, R.0

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. Ensure that, if a toxicity characteristic contaminant is identified, is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Code is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

RANDY FITZGERALD / [signature] Date: 6/2/05
Print Sign

Site Project Manager:
Sue Peterman / [signature] Date: 6/2/05
Print Sign

Inconsistency Between Waste Characterization and Acceptable Knowledge Information

AK assigned 34 drums from TA-55 Plutonium Facility (PF-4) to a non-hazardous waste stream.[1] During initial characterization of drums in this waste stream, both headspace gas (HSG) analysis and real-time radiography (RTR) identified several drums with hazardous constituents. HSG analysis identified 3 drums, i.e., 59412, 59410, and 59720, with toluene (F005) exceeding the PRQL of 10 ppmv[2] (see attached data sheets); and 3 drums with toluene less than the PRQL, but greater than the MDL (j flag)[3] (see attached data sheets). RTR identified 2 drums, i.e., 59064 and 59414 which contained lead (D008) (see attached NCRs).

The trend established by finding hazardous constituents during the initial characterization of drums in this waste stream demonstrates that LANL waste management practices were not adequate to designate any individual container to a nonhazardous waste stream. For this reason all 34 drums initially assigned to Waste Stream LA-NHD01.001 will be reassigned to Waste Stream LA-MHD01.001. The required characterization information for the mixed, heterogeneous debris waste stream – LA-MHD01.001 is found in LANL Pu-239 Contaminated Mixed Heterogeneous Debris – Waste Stream LA-MHD01.001, CCP-AK-LANL-006, Rev. 2, April 14, 2005.

Since all of the mixed Pu-239 debris was generated by the same plutonium recovery activities at PF-4 are addressed in CCP-AK-LANL-006, it is appropriate to re-assign the 34 drums to the LA-MHD01.001 waste stream.

---

[1] CCP AK Summary Report for LANL TA-55, Non-Hazardous Heterogeneous Debris, Waste Stream LA-NHD01.001, CCP-AK-LANL-005, Rev. 1, April 4, 2005.

[2] Table B3-2 Gas Volatile Organic Compounds Target Analyte List and Quality Assurance Objectives

[3] Table B3-14, Data Reporting Flags

Supporting Documentation for AK Re-Evaluation
For
LA NHD01.001

VOC Data Sheets with toluene above PRQL..... 1 – 3

VOC Data Sheets with toluene less than PRQL, but greater than MDL ..... 4 – 6

NCR's for drums containing lead ..... 7 - 14

LANL05LA008

Waste Container ID: 59412

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA Sample No. NM03210500192

Lab Name: LANL Hgas Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: Gas Lab Sample ID: NM03210500192

Sample vol: 380 mL Lab File ID: 05032321.D

Level: NA Date Received: 03/22/05

% Moisture: NA Date Analyzed: 03/23/05

GC Column (VOCs): DB624 ID: 0.25(mm) Dilution Factor: 1

GC Column (H_2/CH_4): HP-MolSiv ID: 0.5(mm)

Soil Aliquot Volume: NA (microL)

Soil Extract Volume: NA

CONCENTRATION UNITS:
Hydrogen and methane: % v/v
VOCs: ppmv

CAS NO.	COMPOUND		Q
1333-74-0	hydrogen	0.03	U
74-82-8	methane	0.02	U
74-87-3	chloromethane	3	U
67-56-1	methanol	11	U
60-29-7	ethyl ether	3	U
76-13-1	freon 113	1	U
67-64-1	acetone	5	J
75-35-4	1,1-dichloroethene	2	U
75-09-2	methylene chloride	3	U
156-60-5	trans-1,2-dichloroethene	2	U
75-34-3	1,1-dichloroethane	0	U
78-93-3	methyl ethyl ketone	7	U
156-59-2	cis-1,2-dichloroethene	1	U
67-66-3	chloroform	1	U
71-55-6	1,1,1-trichloroethane	1	U
110-87-7	cyclohexane	1	U
56-23-5	carbon tetrachloride	0	U
107-06-2	1,2-dichloroethane	1	U
71-43-2	benzene	1	U
71-36-3	1-butanol	10	U
79-01-6	trichloroethene	1	U
108-10-1	4-methyl-2-pentanone	10	U
108-88-3	toluene	16	
127-18-4	tetrachloroethene	1	U
108-90-7	chlorobenzene	1	U
100-41-4	ethylbenzene	1	U
108-38-3/106-42-3	m&p-xylenes	2	U
95-47-6	o-xylene	1	U
75-25-2	bromoform	2	U
79-34-5	1,1,2,2-tetrachloroethane	0	U
108-67-8	1,3,5-trimethylbenzene	5	U
95-63-6	1,2,4-trimethylbenzene	5	U

LANL05LA009

Waste Container ID: 59410

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA Sample No.: NM03300500756

Lab Name: LANL Hgas Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: Gas Lab Sample ID: NM03300500756

Sample vol: 380 mL Lab File ID: 05033135.D

Level: NA Date Received: 03/31/05

% Moisture: NA Date Analyzed: 04/01/05

GC Column (VOCs): DB624 ID: 0.25(mm) Dilution Factor: 1

GC Column (H_2/CH_4): HP-MolSiv ID: 0.5(mm)

Soil Aliquot Volume: NA (microL)

Soil Extract Volume: NA

CONCENTRATION UNITS:
Hydrogen and methane: % v/v
VOCs: ppmv

CAS NO.	COMPOUND		Q
1333-74-0	hydrogen	0.09	
74-82-8	methane	0.02	U
74-87-3	chloromethane	9	J
67-56-1	methanol	49	J
60-29-7	ethyl ether	3	U
76-13-1	freon 113	1	U
67-64-1	acetone	48	J
75-35-4	1,1-dichloroethene	2	U
75-09-2	methylene chloride	3	U
156-60-5	trans-1,2-dichloroethene	2	U
75-34-3	1,1-dichloroethane	0	U
78-93-3	methyl ethyl ketone	7	U
156-59-2	cis-1,2-dichloroethene	1	U
67-66-3	chloroform	1	U
71-55-6	1,1,1-trichloroethane	1	U
110-87-7	cyclohexane	1	U
56-23-5	carbon tetrachloride	0	U
107-06-2	1,2-dichloroethane	1	U
71-43-2	benzene	2	J
71-36-3	1-butanol	10	U
79-01-6	trichloroethene	1	U
108-10-1	4-methyl-2-pentanone	10	U
108-88-3	toluene	13	
127-18-4	tetrachloroethene	1	U
108-90-7	chlorobenzene	1	U
100-41-4	ethylbenzene	1	U
108-38-3/106-42-3	m&p-xylenes	2	U
95-47-6	o-xylene	1	U
75-25-2	bromoform	2	U
79-34-5	1,1,2,2-tetrachloroethane	0	U
108-67-8	1,3,5-trimethylbenzene	5	U
95-63-6	1,2,4-trimethylbenzene	5	U

LANL05LA006

Waste Container ID: 59720

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA Sample No.: NM03090500222

Lab Name: LANL Hgas Contract: /

Lab Code: / Case No.: / SAS No.: / SDG No.: /

Matrix: Gas Lab Sample ID: NM03090500222

Sample vol: 380 mL Lab File ID: 05031017.D

Level: NA Date Received: 03/09/05

% Moisture: NA Date Analyzed: 03/10/05

GC Column (VOCs): DB624 ID: 0.25(mm) Dilution Factor: 1

GC Column (H_2/CH_4): HP-MolSiv ID: 0.5(mm)

Soil Aliquot Volume: NA (microL)

Soil Extract Volume: NA

CONCENTRATION UNITS:
Hydrogen and methane: % v/v
VOCs: ppmv

CAS NO.	COMPOUND		Q
1333-74-0	hydrogen	0.03	U
74-82-8	methane	0.02	U
74-87-3	chloromethane	6	J
67-56-1	methanol	19	J
60-29-7	ethyl ether	3	U
76-13-1	freon 113	1	U
67-64-1	acetone	15	J
75-35-4	1,1-dichloroethene	2	U
75-09-2	methylene chloride	3	U
156-60-5	trans-1,2-dichloroethene	2	U
75-34-3	1,1-dichloroethane	0	U
78-93-3	methyl ethyl ketone	7	U
156-59-2	cis-1,2-dichloroethene	1	U
67-66-3	chloroform	1	U
71-55-6	1,1,1-trichloroethane	1	U
110-87-7	cyclohexane	1	U
56-23-5	carbon tetrachloride	0	U
107-06-2	1,2-dichloroethane	1	U
71-43-2	benzene	6	J
71-36-3	1-butanol	19	J
79-01-6	trichloroethene	1	U
108-10-1	4-methyl-2-pentanone	10	U
108-88-3	toluene	11	
127-18-4	tetrachloroethene	1	U
108-90-7	chlorobenzene	1	U
100-41-4	ethylbenzene	1	U
108-38-3/106-42-3	m&p-xylenes	2	U
95-47-6	o-xylene	1	U
75-25-2	bromoform	2	U
79-34-5	1,1,2,2-tetrachloroethane	0	U
108-67-8	1,3,5-trimethylbenzene	5	U
95-63-6	1,2,4-trimethylbenzene	5	U

089

Form I VOA

3/14

GAS VOC ANALYSIS DATA SHEET

IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

ENVIRONMENTAL CHEMISTRY LABORATORY

TRU WASTE CHARACTERIZATION PROGRAM

59079

Lab Sample ID:	04120002	Field Sample ID:	LA042704EI495
Analytical Batch:	ECL04015M	Sampling Batch:	LAHS042704I
Data Report:	ECL04015M	Method:	ACMM-9930
Date/Time Analyzed:	5/3/04 1105	Date Sampled:	4/27/04
Lab File ID:	Y03HD	Date Received:	04/29/04
Instrument ID:	GCMS-H	Composite:	No

Compound Name	Concentration (ppmv)	Qualifier
Acetone	1.1	J
Benzene	0.014	U
Bromoform	0.0098	U
Butanol	0.094	J
Carbon tetrachloride	0.014	U
Chlorobenzene	0.013	U
Chloroform	0.0089	U
Chloromethane	0.039	U
Cyclohexane	0.026	U
1,1-Dichloroethane	0.013	U
1,2-Dichloroethane	0.022	U
1,1-Dichloroethylene	0.020	U
cis-1,2-Dichloroethylene	0.022	U
trans-1,2-Dichloroethylene	0.022	U
Ethyl benzene	0.024	U
Ethyl ether	0.041	U
Methyl ethyl ketone	0.25	J
Methyl isobutyl ketone	0.022	J
Methylene chloride	0.027	U
1,1,2,2-Tetrachloroethane	0.012	U
Tetrachloroethylene	0.017	U
Toluene	3.1	J
1,1,1-Trichloroethane	0.043	J
Trichloroethylene	0.021	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.010	U
1,3,5-Trimethylbenzene	0.015	U
1,2,4-Trimethylbenzene	0.032	J
p/m-Xylene	0.025	J
o-Xylene	0.020	J

GAS VOC ANALYSIS DATA SHEET

IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

ENVIRONMENTAL CHEMISTRY LABORATORY

TRU WASTE CHARACTERIZATION PROGRAM

59382

Lab Sample ID:	04120005		Field Sample ID:	LA042704EI751
Analytical Batch:	ECL04015M		Sampling Batch:	LAHS042704I
Data Report:	ECL04015M		Method:	ACMM-9830
Date/Time Analyzed:	5/3/04	1406	Date Sampled:	4/27/04
Lab File ID:	Y03HG		Date Received:	04/28/04
Instrument ID:	GCMS-H		Composite:	No

Compound Name	Concentration (ppmv)	Qualifier
Acetone	15	J
Benzene	2.1	J
Bromoform	0.0098	U
Butanol	0.67	J
Carbon tetrachloride	0.014	U
Chlorobenzene	0.030	J
Chloroform	0.066	J
Chloromethane	2.4	J
Cyclohexane	0.026	U
1,1-Dichloroethane	0.013	U
1,2-Dichloroethane	0.055	J
1,1-Dichloroethylene	0.020	U
cis-1,2-Dichloroethylene	0.022	U
trans-1,2-Dichloroethylene	0.022	U
Ethyl benzene	0.024	U
Ethyl ether	0.041	U
Methyl ethyl ketone	2.2	J
Methyl isobutyl ketone	0.050	J
Methylene chloride	0.19	J
1,1,2,2-Tetrachloroethane	0.012	U
Tetrachloroethylene	0.017	U
Toluene	9.1	J
1,1,1-Trichloroethane	0.034	J
Trichloroethylene	0.021	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.016	J
1,3,5-Trimethylbenzene	0.015	U
1,2,4-Trimethylbenzene	0.028	J
p/m-Xylene	0.020	J
o-Xylene	0.0084	J

GAS VOC ANALYSIS DATA SHEET

IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

ENVIRONMENTAL CHEMISTRY LABORATORY

TRU WASTE CHARACTERIZATION PROGRAM

59371
~~59079~~

Lab Sample ID:	04120006		Field Sample ID:	LA042704EI307	
Analytical Batch:	ECL04015M		Sampling Batch:	LAHS042704I	
Data Report:	ECL04015M		Method:	ACMM-9930	
Date/Time Analyzed:	5/4/04	0913	Date Sampled:	4/27/04	
Lab File ID:	Y04HB		Date Received:	04/29/04	
Instrument ID:	GCMS-H		Composite:	No	

Compound Name	Concentration (ppmv)	Qualifier
Acetone	6.2	J
Benzene	0.17	J
Bromoform	0.010	U
Butanol	0.32	J
Carbon tetrachloride	0.015	U
Chlorobenzene	0.013	U
Chloroform	0.0095	U
Chloromethane	0.51	J
Cyclohexane	0.028	U
1,1-Dichloroethane	0.013	U
1,2-Dichloroethane	0.024	U
1,1-Dichloroethylene	0.021	U
cis-1,2-Dichloroethylene	0.023	U
trans-1,2-Dichloroethylene	0.023	U
Ethyl benzene	0.026	U
Ethyl ether	0.043	U
Methyl ethyl ketone	0.83	J
Methyl isobutyl ketone	0.029	J
Methylene chloride	0.043	J
1,1,2,2-Tetrachloroethane	0.012	U
Tetrachloroethylene	0.018	U
Toluene	5.2	J
1,1,1-Trichloroethane	0.062	J
Trichloroethylene	0.022	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.013	J
1,3,5-Trimethylbenzene	0.016	U
1,2,4-Trimethylbenzene	0.036	J
p/m-Xylene	0.016	U
o-Xylene	0.0070	U

Form Rev 04-02

6/14

-Search Results:
ContainterID: **59064**

Search Stats: SearchCount: RecordsReturned: **13** Started: Completed: **3:40:46 PM** Results

CONTAINERID	ITEMNO	ITEMTYPE	CONTAINER_STATUS	REJECT
59064	CAR-LANL-0001-05-0	CAR	CAR_HOLD	Superceded
59064	CAR-LANL-0001-05-1	CAR	CAR_HOLD	Superceded
59064	CAR-LANL-0001-05-2	CAR	CAR_HOLD	Open
59064	ECL04006C	HSG		No
59064	ECL04006G	HSG		No
59064	ECL04006M	HSG		No
59064	LA04-PTGS-002R1	NDA	NCR_REJECT	Yes
59064	LAHS0327041	HSG		No
59064	LA-RTR2-04-0003	NDE	NCR_REJECT	Yes
59064	NCR-LANL0344050	NCR	NCR_HOLD	SUPERCEDED
59064	NCR-LANL0344051	NCR	NCR_REJECT	Reject
59064	NCR-LANL0401040	NCR		Use-As-Is
59064	NCR-LANL0707040	NCR	NCR_REJECT	Reject

Reject Data:

BDRID	CONTAINERID	REJECTED	REJECTREASON	UNQID
LA04-PTGS-002R1	59064	YES	Rejected by NCRID:NCR-LANL0344051 Actual Condition:As a result of RTR, PID and VE conditions were noted that invalidate the net matrix weights used in the calculation of TRU activity. NOTE: NCR Revision #1 is to comply with CCP-QP-005, Rev.9, Section 4.8.2 and to revise the wording in Blocks 3 and 7c, and the disposition in Block 19 from "rework" to "reject". (trg_cnt_upt_pts)	Details
LA-RTR2-04-0003	59064	YES	Rejected by << NCRID:NCR-LANL0707040 >> Actual Condition:small pieces of lead in a non hazardous debris waste steam	Details

Current AK DATA for **[LANL]:**

Search Stats: ContainerSearchCount: RecordsReturned: **1** Started: Completed: **3:40:47 PM** Results

CONTAINERID	WASTESTREAM	SHIPID	VENTDATE	UNQID
59064	LA-NHD01.001		1/26/2004	36959

End Search Listing

ContainerID Relation Data:

Search Stats: ContainerSearchCount: RecordsReturned: **2** Started: Completed: **3:40:47 PM** Results

CONTAINERID	RELATION_MATRIX
59064	59064,LA00000059064
LA00000059064	59064,LA00000059064

End Search Listing

Note: This search uses the Relationship Matrix established from current AK data. ALL search results must be verified.

7/14

CCP Nonconformance Report (NCR)

NCR No. NCR -LANL -0707 -04 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RR2-04-0003
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A Supplier: N/A	DRUM #(s): LA00000059064
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☒ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☒ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☐ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053 Section 4.4.3 Item G TABLE I Prohibited items.

(c). **Actual Condition**

SMALL PIECES OF LEAD IN A NON HAZARDOUS DEBRIS WASTE STREAM.

8. Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
LEON MARTINEZ Leon Martinez 4/28/04	JACK VICK Jack Vick 4/28/04
10. Significant Condition? ☐ YES ☒ NO ☐ NA	11. Recurring Condition? ☐ YES ☒ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: Wes Root

COPY

8/14
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CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0707 - 04 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☒ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

COPY

9/14

Controlled Copy

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0707 - 04 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification (Required for "Use-As-Is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.)

N/A

(B) Disposition (Required for "Reject" and "Scrap")

Return to Host site For Processing ~~Reject Drum~~ BDR Re Review For CHANGES. LM 4/28/04

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(D) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
F. Wesley Root [signature] 4-28-04	Jack Vigil [signature] 4/28/04
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified SPQAO/FQAO (Print, sign and date.)

COPY

10/14

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-Search Results:
ContainterID: **59414**

[redacted]

Search Stats: SearchCount: RecordsReturned: **3** Started: Completed: **3:48:12 PM** Results

CONTAINERID	ITEMNO	ITEMTYPE	CONTAINER_STATUS	REJECT
59414	LA-RTR2-04-0005	NDE	NCR_REJECT	Yes
59414	NCR-LANL0511050	NCR		Rework
59414	NCR-LANL0708040	NCR	NCR_REJECT	Reject

Reject Data:

BDRID	CONTAINERID	REJECTED	REJECTREASON	UNQID
LA-RTR2-04-0005	59414	YES	NCR_REJECT by << NCRID:NCR-LANL0708040 >> Actual Condition: Lead in non-mixed waste stream. (proc-rjt_valid)	Details

Current AK DATA for [**LANL**]:

Search Stats: ContainerSearchCount: RecordsReturned: **1** Started: Completed: **3:48:12 PM** Results

CONTAINERID	WASTESTREAM	SHIPID	VENTDATE	UNQID
59414	LA-NHD01.001		1/26/2004	37222

End Search Listing

ContainerID Relation Data:

Search Stats: ContainerSearchCount: RecordsReturned: **2** Started: Completed: **3:48:13 PM** Results

CONTAINERID	RELATION_MATRIX
59414	59414,LA00000059414
LA00000059414	59414,LA00000059414

End Search Listing

[redacted]

Note: This search uses the Relationship Matrix established from current AK data. ALL search results must be verified.

11/14

CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0708 – 04 Revision 0

1. Lot No./Heat No. or Serial No.:	2. Process (NDA, HSG, NDE, VE, Other):	3. Batch Data Report # (s):
N/A	NDE	LA-RTR2-04-0005
4. Order/Work Order/Job Control Number (as applicable): N/A	**5. PO #:** N/A **Supplier:** N/A	**DRUM #(s):** LA00000059414
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) **Hold Tag Applied?** [x] YES [ ] NO (If NO, explain) Segregation Method (s): [ ] NA

Lead in a non-mixed waste stream

[ ] < 100 n Ci/g [ ] Exceeds Site Limit [ ] Prohibited Item [ ] >500 ppmv Flamm. Vocs

[ ] E-Flag [ ] TRAMPAC Criteria [ ] M&TE [ ] Receiving Inspection [x] Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053 Section 4.4.3, Item G table 1 Prohibited Items

(c). **Actual Condition**

Lead in a non-mixed waste stream

8. Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
Leon Martinez Leon Martinez 5/11/04	Jack Vigil Jack Vigil 5/11/04
10. Significant Condition? [ ] YES [ ] NO [x] NA	11. Recurring Condition? [ ] YES [x] NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: F. Wesley Reed

12/14

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0708 - 04 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☒ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

CCP Nonconformance Report (NCR)

NCR No. NCR - [ANL] - [0708] - [04] Revision [0]

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As-Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification (**Required for "Use-As-Is" and "Repair"** dispositions, N/A for "Reject" or "Rework" dispositions.)

N/A

(B) Disposition (**Required for "Reject" and "Scrap"**)

Reject to host site for processing

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria **(Required for "Repair" and "Rework")**

N/A

(D) Corrective Actions (**Actions to Prevent Recurrence**) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
F. Wesley, Root F. Wesley Root 5-27-04	Mark Powell 5/27/04
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

F. Wesley Root F. Wesley Root 5-27-04

23. Final Disposition Verified SPQAO/FQAO (Print, sign and date.)

PETER LINDAHL Peter Lindahl 5/27/2004

14/14

MEMORANDUM

To: Sue Peterman, CCP SPM

From: Steve Schafer, CCP AKE

Date: June 2, 2005

RE: Addition of Containers to Waste Stream LA-MHD01.001

The purpose of this memorandum is to satisfy the requirements of Section 4.9 of the CCP AK Documentation procedure (CCP-TP-005) for updating AK for additional waste stream containers.

The AK re-evaluation of 34 containers of nonhazardous waste identified in CCP-AK-LANL-005 (AK5, waste stream LA-NHD01.001) indicates these containers should be assigned to a hazardous waste stream. These 34 containers have been re-evaluated and are bounded by the AK summary report CCP-AK-LANL-006 (AK6, waste stream LA-MHD01.001), including

- Waste generation location and process
- Physical form compared to the assigned Waste Material Parameters and waste matrix code
- Chemical Content
- Prohibited Items
- Radionuclides
- Time period of Generation

No modification of the AK report is required for inclusion of these containers, however, a freeze file will be created to modify Section 4.3.7 *Correlation of Waste Streams Generated from the Same Building and Process,* to address the status of the nonhazardous debris waste stream generated at TA-55. This change will be made upon the next revision of the AK summary report.

Attachment 8 (Waste Containers List) for AK5 and AK6, and the AK Tracking Spreadsheet (AKTSS) will be updated to reflect the removal of these containers from AK5 and addition to AK6.

JR Schafer for 6/2/05

Steve Schafer, AKE Date

Attachment 1 – Containers to remove from AK5 and add to AK6

Attachment 2 – Summary of Data Used in the Evaluation

Attachment 1 – Containers Remove from AK 5 and Add to AK6

Attachment 1
Container to Remove From AK5 and Add to AK6

Container Identification	Report Number	Waste Stream Number
59019	CCP-AK-LANL-6	LA-MHD01.001
59024	CCP-AK-LANL-6	LA-MHD01.001
59032	CCP-AK-LANL-6	LA-MHD01.001
59043	CCP-AK-LANL-6	LA-MHD01.001
59047	CCP-AK-LANL-6	LA-MHD01.001
59049	CCP-AK-LANL-6	LA-MHD01.001
59062	CCP-AK-LANL-6	LA-MHD01.001
59064	CCP-AK-LANL-6	LA-MHD01.001
59067	CCP-AK-LANL-6	LA-MHD01.001
59070	CCP-AK-LANL-6	LA-MHD01.001
59075	CCP-AK-LANL-6	LA-MHD01.001
59076	CCP-AK-LANL-6	LA-MHD01.001
59077	CCP-AK-LANL-6	LA-MHD01.001
59078	CCP-AK-LANL-6	LA-MHD01.001
59079	CCP-AK-LANL-6	LA-MHD01.001
59087	CCP-AK-LANL-6	LA-MHD01.001
59314	CCP-AK-LANL-6	LA-MHD01.001
59315	CCP-AK-LANL-6	LA-MHD01.001
59326	CCP-AK-LANL-6	LA-MHD01.001
59351	CCP-AK-LANL-6	LA-MHD01.001
59371	CCP-AK-LANL-6	LA-MHD01.001
59372	CCP-AK-LANL-6	LA-MHD01.001
59382	CCP-AK-LANL-6	LA-MHD01.001
59397	CCP-AK-LANL-6	LA-MHD01.001
59399	CCP-AK-LANL-6	LA-MHD01.001
59404	CCP-AK-LANL-6	LA-MHD01.001
59410	CCP-AK-LANL-6	LA-MHD01.001
59412	CCP-AK-LANL-6	LA-MHD01.001
59414	CCP-AK-LANL-6	LA-MHD01.001
59448	CCP-AK-LANL-6	LA-MHD01.001
59470	CCP-AK-LANL-6	LA-MHD01.001
59491	CCP-AK-LANL-6	LA-MHD01.001
59720	CCP-AK-LANL-6	LA-MHD01.001
60102	CCP-AK-LANL-6	LA-MHD01.001

Attachment 2 – Summary of Data Used in the Evaluation

Attachment 2
Summary of Data Used on the Evaluation

Container Identification	Long Container REFERENCE	Material Type	TRUCON	Generation Date	Generation Building
59019	LA00000059019	52	LA118F	07/24/2001	TA-55 PF4
59024	LA00000059024	52	LA118B	09/05/2001	TA-55 PF4
59032	LA00000059032	52	LA117C	10/15/2001	TA-55 PF4
59043	LA00000059043	52	LA118F	12/10/2001	TA-55 PF4
59047	LA00000059047	52	LA119B	11/01/2001	TA-55 PF4
59049	LA00000059049	52	LA117C	11/01/2001	TA-55 PF4
59062	LA00000059062	52	LA116E	01/28/2002	TA-55 PF4
59064	LA00000059064	52	LA117C	01/28/2002	TA-55 PF4
59067	LA00000059067	52	LA116E	10/24/2001	TA-55 PF4
59070	LA00000059070	52	LA116E	10/10/2001	TA-55 PF4
59075	LA00000059075	52	LA125B	07/17/2002	TA-55 PF4
59076	LA00000059076	52	LA118B	09/27/2001	TA-55 PF4
59077	LA00000059077	52	LA118B	09/27/2001	TA-55 PF4
59078	LA00000059078	52	LA116E	10/15/2001	TA-55 PF4
59079	LA00000059079	52	LA117B	10/15/2001	TA-55 PF4
59087	LA00000059087	52	LA117C	08/21/2001	TA-55 PF4
59314	LA00000059314	52	LA119B	11/01/2001	TA-55 PF4
59315	LA00000059315	52	LA117C	12/03/2001	TA-55 PF4
59326	LA00000059326	52	LA117C	12/10/2001	TA-55 PF4
59351	LA00000059351	52	LA117C	01/28/2002	TA-55 PF4
59371	LA00000059371	52	LA117C	12/03/2001	TA-55 PF4
59372	LA00000059372	52	LA117C	01/03/2002	TA-55 PF4
59382	LA00000059382	52	LA125C	09/12/2002	TA-55 PF4
59397	LA00000059397	52	LA117C	12/11/2001	TA-55 PF4
59399	LA00000059399	52	LA116E	01/03/2002	TA-55 PF4
59404	LA00000059404	52	LA117C	04/03/2002	TA-55 PF4
59410	LA00000059410	52	LA116E	05/08/2002	TA-55 PF4
59412	LA00000059412	52	LA116E	02/26/2002	TA-55 PF4
59414	LA00000059414	52	LA125F	11/19/2002	TA-55 PF4
59448	LA00000059448	52	LA118F	03/25/2002	TA-55 PF4
59470	LA00000059470	52	LA118E	09/12/2002	TA-55 PF4
59491	LA00000059491	52	LA117C	05/29/2002	TA-55 PF4
59720	LA00000059720	52	LA116E	06/19/2002	TA-55 PF4
60102	LA00000060102	52	LA125C	11/26/2002	TA-55 PF4

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR001

Waste Stream Number(s): LA-MHD01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☑ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Descrepancy Resolution: Waste Stream Assignment

Source Document Reference Information (author(s), document and revision number, date, publisher): Steve Schafer, April 12, 2005

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS1, WS6, S9	All	Documents the discrepancy for LANL assigning this waste stream to two separate streams (inorganic and organic) and the justification for combining these streams into LA-MHD01.001.

Source Document Data Limitations (if any):

1. None

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 12/20/11

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 1-3-12

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001 ~~-DR003~~ 4/13/05

Waste Stream Description: Mixed Heterogeneous Debris from TA-55

AK Documentation Type: ☐TRU Waste Management Program Information ☒Waste Stream Specific Information ☒Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR001

Tracking #	Category[a]	Title	Document/ Rev#	Author	Date	Publisher	Page #
D013	Pub.	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)	TWCP-PLAN-0.2.7-001	N/A	3/29/05	LANL	ALL
N/A	Pub.	Los Alamos National Laboratory Pu-239 Contaminated Mixed Heterogeneous Debris	CCP-AK-LANL-006, Rev. 1	N/A	7/8/04	CCP	All
U003	Unpub.	Review of RTR Data From Pre-WAP Analysis For AK	TWCP-11062	N/A	1/20/03	N/A	All

Nature of Discrepancy:

1. LANL Project 2010 has historically categorized PF-4 generated mixed Pu-239 contaminated debris waste into two separate waste streams (LA-TA55-19 and LA-TA-55-30).

Resolution:

1. PF-4 packaging practices resulted in waste segregation by physical matrix type for assay purposes. This practice resulted in many debris drums being comprised exclusively of like material, such as metal, glass, HEPA filters, and combustibles such as plastic and cellulose. LANL historically delineated two waste streams from the population of Pu-239 contaminated debris generated at TA-55; one waste stream primarily combustible and one primarily non-combustible.. However, PF-4 segregation practices resulted in incomplete segregation to the extent that delineation of two waste streams is not supported by the AK. An evaluation of pre-WAP RTR data for 529 containers revealed that more than 15 percent of containers identified in the combustible waste stream contained more than 50 percent non-combustible material, and more than 11 percent of containers identified in the non-combustible waste stream contained more than 50 percent combustible material. Consequently, only one waste stream is defined from this population of containers.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: STEVE SCHAFFER / _____ Date: 4/11/05
Print Sign

Site Project Manager: Larry Porter / Larry Porter Date: 4/12/05
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] E-mail Record

Attn:	RECORDS CUSTODIAN	From:	Patti Schmitt
Ship to:	CCP Central Records	Site:	LANL
	4021 National Parks Hwy	Company:	L&M Technologies
	Carlsbad, NM 88220	Telephone Number:	505-662-1337
	GSA 103	Date Sent:	04/13/05
Telephone Number:	505-234-7254		

Document Number	Title / Description	Record Date	Total Pages
LA-MHD01.001	DR001 AK 6 SOURCE DOCUMENT	04/11/05	3
	N/A		

Comments

N/A

CCP Records Center
Acceptance/Rejection Signature and Date

Records Accepted [X] Christal Ingram (Signature) Christal Ingram (Printed Name) 6-7-05 (Date)

Records Rejected [ ] _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

TRANSACTION REPORT P.01

JUN-07-2005 TUE 03:31 PM

FOR: CCP RECORDS 15052347014

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JUN-07	03:31 PM	LANL	17"	1	FAX TX	OK	030	

TOTAL : 17S PAGES: 1

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] E-mail Record

Attn:	RECORDS CUSTODIAN	From:	Patti Schmitt
Ship to:	CCP Central Records	Site:	LANL
	4021 National Parks Hwy	Company:	L&M Technologies
	Carlsbad, NM 88220	Telephone Number:	505-662-1337
	GSA 103	Date Sent:	04/13/05
Telephone Number:	505-234-7254		

Document Number	Title / Description	Record Date	Total Pages
LA-MHD01.001	DR001 AK 6 SOURCE DOCUMENT	04/11/05	3
	N/A		

Comments

GEN4

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

CP:15:01140
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: July 29, 2015

FROM: C. Soaterna C Soaterna 7/29/15 LOCATION: Certification

TO: CCP Records Custodian GSA-212 LOCATION: Central Characterization Program

SUBJECT: TRANSMITTAL OF LOS ALAMOS NATIONAL LABORATORY CHARATERIZATION INFORMATION SUMMARY FOR CCP-AK-LANL-008, WASTE STREAM #LA-OS-00-01.001, LOT 85

Please accept the attached Los Alamos National Laboratory Characterization Information Summary to be placed in Records for CCP-AK-LANL-008, Waste Stream #LA-OS-00-01.001, Lot 85.

CS:lcg

Attachment

COPY

cc: (without attachment)
T. A. Groover ED
C. E. Simmons ED
M. Ramirez ED

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL
DATE REC'D 7-30-15SV.

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-OS-00-01.001 Rev. 0 (CCP-AK-LANL-008)

Lot 85

TABLE OF CONTENTS

Characterization Information Summary Cover Page..... 2

Correlation of Container Identification Numbers to Batch Data Report Numbers..... 5

RTR/VE Summary of Prohibited Items and AK Confirmation..... 6

Reconciliation with Data Quality Objectives..... 7

CCP Characterization Information Summary Cover Page

Waste Stream # LA-OS-00-01.001 Lot #: 85

AK Expert Review: N/A Date: N/A

SPM Review: Roger Whiteaker Roger Whiteaker Date: 05/22/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-101	Rev. 7	08/13/2013 *Off-Site Source Recovery Project Sealed Source Radiological Characterization*
CCP-TP-101	Rev. 6	06/06/2013 Off-Site Source Recovery Project Sealed Source Radiological Characterization
CCP-TP-101	Rev. 5	08/23/2012 Off-Site Source Recovery Project Sealed Source Radiological Characterization
CCP-TP-101	Rev. 4	11/02/2007 Off-Site Source Recovery Project Sealed Source Radiological Characterization
CCP-TP-101	Rev. 3	03/15/2007 Off-Site Source Recovery Project Sealed Source Radiological Characterization
CCP-TP-101	Rev. 2	11/16/2006 Off-Site Source Recovery Project Sealed Source Radiological Characterization
CCP-TP-101	Rev. 1	08/09/2005 Off-Site Source Recovery Project Sealed Source Radiological Characterization
CCP-TP-101	Rev. 0	03/17/2005 *Off-Site Source Recovery Project Sealed Source Radiological Characterization*

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 21	06/06/2013 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 20	09/27/2012 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 18	08/09/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 17	09/24/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 16	04/26/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 15	11/22/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 14	11/16/2006 CCP Project Level Data Validation and Verification
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CCP-TP-001	Rev. 12	05/25/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 11	03/23/2005 CCP Project Level Data Validation and Verification

CCP-TP-002	Rev. 26	06/19/2013 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 25	02/11/2013 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 24	12/28/2011 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 23	12/29/2010 CCP Reconciliation of DQOs and Reporting Characterization Data
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CCP-TP-002	Rev. 21	08/04/2009 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 20	08/18/2008 CCP Reconciliation of DQOs and Reporting Characterization Data
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CCP-TP-002	Rev. 17	10/10/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 16	06/06/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 15	08/16/2005 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 14	03/29/2005 CCP Reconciliation of DQOs and Reporting Characterization Data

CCP-TP-005	Rev. 26	08/12/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 25	06/19/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 24	11/28/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 23	06/30/2011 CCP Acceptable Knowledge Documentation
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CCP-TP-005	Rev. 17	08/05/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 16	02/27/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 15	03/31/2005 CCP Acceptable Knowledge Documentation

CCP-TP-030	Rev. 33	11/19/2013 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
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CCP-TP-030	Rev. 31	11/19/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 30	05/21/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry

CCP-TP-030	Rev. 29	04/26/2011 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 28	05/12/2010 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 27	12/14/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 26	05/27/2009 CCP CH TRU Waste Certification and WWIS Data Entry
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CCP-TP-030	Rev. 18	05/01/2006 CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 17	12/29/2005 CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 16	04/22/2005 CCP TRU Waste Certification and WWIS Data Entry

Visual Examination (VE):

CCP-TP-069	Rev. 6	06/06/2013 Sealed Source Visual Examination and Packaging
CCP-TP-069	Rev. 5	11/09/2010 Sealed Source Visual Examination and Packaging
CCP-TP-069	Rev. 4	11/16/2006 Sealed Source Visual Examination and Packaging
CCP-TP-069	Rev. 3	12/07/2005 Sealed Source Visual Examination and Packaging
CCP-TP-069	Rev. 2	05/11/2005 Sealed Source Visual Examination and Packaging
CCP-TP-069	Rev. 1	04/05/2005 Sealed Source Visual Examination and Packaging
CCP-TP-069	Rev. 0	03/03/2005 Sealed Source Visual Examination and Packaging

WAP Certification:

CCP-PO-001	Rev. 21	05/31/2013 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 20	06/16/2011 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 19	12/29/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 18	06/30/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
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CCP-PO-001	Rev. 13	11/16/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 12	03/22/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 11	03/10/2005 CCP Transuranic Waste Characterization Quality Assurance Project Plan

CCP-PO-002	Rev. 27	05/31/2013 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/2011 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 25	12/29/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 24	06/30/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 23	04/07/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 22	01/12/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 21	01/26/2009 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 20	11/02/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 19	05/22/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 18	11/16/2006 CCP Transuranic Waste Certification Plan
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CCP-PO-002	Rev. 14	12/29/2005 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 13	05/09/2005 CCP Transuranic Waste Certification Plan

CCP-PO-003	Rev. 13	07/31/2013 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 12	12/29/2010 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 11	06/04/2009 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 10	11/16/2006 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 9	12/29/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 8	01/25/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 7	11/22/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 6	06/08/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 5	09/19/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 4	02/11/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 3	05/31/2002 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)

CCP-PO-012	Rev. 15	02/12/2014 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 14	10/30/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 13	06/25/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP-PO-012	Rev. 11	10/01/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/2010	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/2008	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/2007	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/2006	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/2006	CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-OS-00-01.001 Lot # 85

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
65463	LA00000065463	LA14-OSR-CH-003	N/A	LA14-OSR-VE-003	No	N/A	N/A
67506	LA00000067506	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67507	LA00000067507	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67508	LA00000067508	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67509	LA00000067509	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67523	LA00000067523	LA14-OSR-CH-002	N/A	LA14-OSR-VE-002	No	N/A	N/A
67524	LA00000067524	LA14-OSR-CH-002	N/A	LA14-OSR-VE-002	No	N/A	N/A
67528	LA00000067528	LA14-OSR-CH-006	N/A	LA14-OSR-VE-006	No	N/A	N/A
67529	LA00000067529	LA14-OSR-CH-006	N/A	LA14-OSR-VE-006	No	N/A	N/A
67530	LA00000067530	LA14-OSR-CH-006	N/A	LA14-OSR-VE-006	No	N/A	N/A
67538	LA00000067538	LA14-OSR-CH-005	N/A	LA14-OSR-VE-005	No	N/A	N/A
67539	LA00000067539	LA14-OSR-CH-005	N/A	LA14-OSR-VE-005	No	N/A	N/A
67540	LA00000067540	LA14-OSR-CH-005	N/A	LA14-OSR-VE-005	No	N/A	N/A

Roger Whiteaker — Signature of Site Project Manager
Roger Whiteaker — Printed Name
05/22/2014 — Date

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-OS-00-01.001 Lot #: 85

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	RTR was not used to certify any containers in this lot.	None of the containers in this Lot had prohibited items identified during Visual Examination technique.	The physical form of the waste matches the waste stream description as determined by AK.
a. See Batch Data Reports			
b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).			
Justification for the selection of RTR and/or VE: VE was selected as the characterization method for this lot because the containers were newly generated and met all the Data Quality Objectives for NDE for the waste.			

Roger Whitaker — Site Project Manager Signature
Roger Whitaker — Printed Name
05/22/2014 — Date

CCP Reconciliation with Data Quality Objectives

WSPF# LA-OS-00-01.001 Rev. 0 Lot # 85

Sampling Completeness

RTR/VE:
Number of Valid Samples: 13 Number of Total Samples Analyzed: 13
Percent Complete: 100 (QAO is 100%)

Radiological:
Number of Valid Samples: 13 Number of Total Samples Analyzed: 13
Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	NA	NA	NA
VE	Y	Y	Y

Comments: None

Roger Whiteaker 05/22/2014
Signature of Site Project Manager Printed Name Date

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01103
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: April 17, 2014

FROM: C. Soaterna C. Soaterna LOCATION: CCP Certification

TO: NTPC Records Custodian GSA-212 LOCATION: National TRU Program Certification

SUBJECT: TRANSMITTAL OF LOS ALAMOS NATIONAL LABORATORY CHARATERIZATION INFORMATION SUMMARY FOR CCP-AK-LANL-010, WASTE STREAM #LA-MSG04.001, LOT 3

Please accept the attached Los Alamos National Laboratory Characterization Information Summary to be placed in Records for CCP-AK-LANL-010, Waste Stream #LA-MSG04.001, Lot 3.

CS:jmc

Attachment

cc: (without attachment)
T. A. Groover ED
M. F. Ramirez ED
C. E. Simmons ED

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 4/22/14

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-MSG04.001 Rev. 0 (CCP-AK-LANL-010)

Lot 3

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CCP Characterization Information Summary Cover Page

Waste Stream # LA-MSG04.001 Lot #: 3

AK Expert Review: N/A Date: N/A

SPM Review: Rick Whiteley Date: 02/03/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-059	Rev. 2	08/26/2013 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-059	Rev. 1	09/19/2011 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-059	Rev. 0	05/04/2011 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-063	Rev. 15	08/23/2013 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/2012 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/2011 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 12	11/17/2010 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 11	10/15/2008 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 10	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 9	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 8	11/30/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 7	03/31/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 6	10/10/2005 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-064	Rev. 7	08/23/2013 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 6	04/06/2011 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 5	11/27/2007 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 4	03/31/2006 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 3	09/10/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 2	05/14/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 1	03/24/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 0	10/11/2003 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 12	11/04/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 11	05/16/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 10	08/30/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 9	03/14/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 8	07/12/2010 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 7	11/16/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 6	02/08/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 5	07/18/2005 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 4	10/26/2004 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 21	06/06/2013 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 20	09/27/2012 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/2010 CCP Project Level Data Validation and Verification
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CCP-TP-001	Rev. 15	11/22/2006 CCP Project Level Data Validation and Verification
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CCP-TP-005	Rev. 26	08/12/2013	CCP Acceptable Knowledge Documentation
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CCP-TP-030	Rev. 16	04/22/2005	CCP TRU Waste Certification and WWIS Data Entry

Radiography (RTR/NDE):

CCP-TP-053	Rev. 14	09/25/2013	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 13	05/14/2013	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 12	08/22/2012	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 11	07/20/2011	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 10	03/04/2011	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 9	09/30/2010	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 8	08/30/2010	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 7	10/21/2009	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 6	03/04/2008	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 5	11/16/2006	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 4	12/22/2005	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 3	03/21/2005	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 2	07/14/2004	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-198	Rev. 7	05/09/2013	CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 6	08/06/2012	CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 5	01/30/2012	CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 4	01/05/2012	CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 3	07/11/2011	CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 2	03/14/2011	CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 1	03/01/2011	CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 0	02/11/2011	CCP-HE-RTR Operating Procedure

WAP Certification:

CCP-PO-001	Rev. 21	05/31/2013	CCP Transuranic Waste Characterization Quality Assurance Project Plan

CCP-PO-001	Rev. 20	06/16/2011 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 19	12/29/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 18	06/30/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 17	06/23/2009 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 16	10/31/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 15	08/10/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 14	03/28/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 13	11/16/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 12	03/22/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 11	03/10/2005 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-002	Rev. 27	05/31/2013 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/2011 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 25	12/29/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 24	06/30/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 23	04/07/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 22	01/12/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 21	01/28/2009 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 20	11/02/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 19	05/22/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 16	11/16/2006 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 17	11/16/2006 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 18	11/16/2006 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 15	03/22/2006 CCP Transuranic Waste Certification Plan
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CCP-PO-003	Rev. 13	07/31/2013 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 12	12/29/2010 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 11	06/04/2009 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 10	11/16/2006 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 9	12/29/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 8	01/25/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 7	11/22/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 6	06/08/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 5	09/19/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 4	02/11/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 3	05/31/2002 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-012	Rev. 14	10/30/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 13	06/25/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/2010 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/2008 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/2007 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MSG04.001 Lot # 3

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
56537	LA0000005	1LANDA1836	LA-HERTR-12-0111	N/A	No	LA13FG2127	N/A
66147	LA0000006	3LANDA0239	LA-HERTR-12-0109	N/A	No	LA14FG12014	N/A

Rick Whiteley — Signature of Site Project Manager
Rick Whiteley — Printed Name
02/03/2014 — Date

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MSG04.001 Lot #: 3

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.	The physical form of the waste matches the waste stream description as determined by AK.
a. See Batch Data Reports			
b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).			
Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.			

Rick Whiteley — Site Project Manager Signature
Rick Whiteley — Printed Name
02/03/2014 — Date

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MSG04.001 Rev. 0 Lot # 3

Sampling Completeness

RTR/VE:

Number of Valid Samples: 2 Number of Total Samples Analyzed: 2

Percent Complete: 100 (QAO is 100%)

NDA:

Number of Valid Samples: 2 Number of Total Samples Analyzed: 2

Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

		Completeness	Comparability	Representativeness
	Radiography	Y	Y	Y
	VE	NA	NA	NA

Comments: None

Rick Whiteley — Rick Whiteley — 02/03/2014

Signature of Site Project Manager — Printed Name — Date

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01128
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: May 15, 2014

FROM: C. Soaterna LOCATION: CCP Certification

TO: NTPC Records Custodian GSA-212 LOCATION: National TRU Program Certification

SUBJECT: TRANSMITTAL OF LOS ALAMOS NATIONAL LABORATORY CHARATERIZATION INFORMATION SUMMARY FOR CCP-AK-LANL-006, WASTE STREAM #LA-MHD01.001, LOT 446, LOT 447, LOT 448, LOT 449, LOT 450 AND LOT 451

Please accept the attached Los Alamos National Laboratory Characterization Information Summary to be placed in Records for CCP-AK-LANL-006, Waste Stream #LA-MHD01.001, Lot 446, Lot 447, Lot 448, Lot 449, Lot 450, and Lot 451.

CS:jmc

Attachment

cc: (without attachment)
T. A. Groover ED
M. Ramirez ED
C. E. Simmons ED

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 5/20/14 JV

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-MHD01.001 Rev. 1 (CCP-AK-LANL-006)

Lot 446

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CCP Characterization Information Summary Cover Page

Waste Stream #	LA-MHD01.001	Lot #:	448
AK Expert Review:	N/A	Date:	N/A
SPM Review:	Jerry Jess Fisher Jr.	Date:	04/03/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-063	Rev. 15	08/23/2013 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/2012 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/2011 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 12	11/17/2010 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 11	10/15/2008 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 10	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 9	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 8	11/30/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 7	03/31/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 6	10/10/2005 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-064	Rev. 7	08/23/2013 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 6	04/06/2011 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 5	11/27/2007 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 4	03/31/2006 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 3	09/10/2004 Calibrating the High Efficiency Neutron Counter and the Super High-Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 2	05/14/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 1	03/24/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 0	10/11/2003 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-076	Rev. 1	03/25/2014 CCP Operating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-076	Rev. 0	05/16/2013 Operating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-077	Rev. 1	04/01/2014 Calibrating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-077	Rev. 0	05/16/2013 Calibrating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-103	Rev. 12	11/04/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 11	05/16/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 10	08/30/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 9	03/14/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 8	07/12/2010 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 7	11/18/2008 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 6	02/08/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 5	07/18/2005 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 4	10/26/2004 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 21	09/08/2013 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 20	09/27/2012 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 18	08/09/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 17	09/24/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 16	04/26/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 15	11/22/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 14	11/16/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 13	07/21/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 12	05/25/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 11	03/23/2005 CCP Project Level Data Validation and Verification
CCP-TP-002	Rev. 26	06/19/2013 CCP Reconciliation of DQOs and Reporting Characterization Data

CCP-TP-002	Rev. 25	02/11/2013 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 24	12/28/2011 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 23	12/29/2010 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 22	06/30/2010 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 21	08/04/2009 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 20	08/18/2008 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 19	12/22/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 18	11/16/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 17	10/10/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 16	06/06/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 15	08/16/2005 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 14	03/29/2005 CCP Reconciliation of DQOs and Reporting Characterization Data

CCP-TP-005	Rev. 26	08/12/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 25	06/19/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 24	11/28/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 23	06/30/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 22	04/21/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 21	12/29/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 20	11/01/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 19	07/06/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 18	11/16/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 17	06/05/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 16	02/27/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 15	03/31/2005 CCP Acceptable Knowledge Documentation

CCP-TP-030	Rev. 33	11/19/2013 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 32	06/20/2013 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 31	11/19/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 30	05/21/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 29	04/26/2011 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 28	05/12/2010 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 27	12/14/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 26	05/27/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 25	01/22/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 24	08/20/2008 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 23	03/12/2008 CCP CH TRU Waste Certification and WWIS Data Entry
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CCP-TP-030	Rev. 17	12/29/2005 CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 16	04/22/2005 CCP TRU Waste Certification and WWIS Data Entry

Radiography (RTR/NDE):

CCP-TP-028	Rev. 8	08/17/2013 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 7	07/13/2012 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 6	12/29/2010 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 5	07/27/2010 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 4	05/26/2010 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 3	01/19/2006 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 2	02/04/2004 CCP Radiographic Test Drum and Training Container Construction

CCP-TP-053	Rev. 14	09/25/2013 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 13	05/14/2013 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
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CCP-PO-002	Rev. 20	11/02/2007	CCP Transuranic Waste Certification Plan
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CCP-PO-002	Rev. 13	05/09/2005	CCP Transuranic Waste Certification Plan

CCP-PO-003	Rev. 13	07/31/2013	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 12	12/29/2010	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 11	06/04/2009	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 10	11/16/2006	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
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CCP-PO-003	Rev. 8	01/25/2005	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 7	11/22/2004	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 6	06/08/2004	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 5	09/19/2003	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 4	02/11/2003	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 3	05/31/2002	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)

CCP-PO-012	Rev. 15	02/12/2014	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 14	10/30/2013	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 13	06/25/2013	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/2010	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/2008	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/2007	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/2006	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/2006	CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Lot # 446

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
59600	LA00000059600	2LANDA1271	LA-RTR2-14-0027	N/A	No	LA14FG2047	N/A
59601	LA00000059601	4LANDA0063	LA-RTR2-14-0027	N/A	No	LA14FG2047	N/A
68980	LA00000068980	2LANDA1274	LA-RTR2-14-0034	N/A	No	LA14FG2049	N/A

Signature of Site Project Manager | Jerry Jess Fisher Jr. (Printed Name) | 04/03/2014 (Date)

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MHD01.001 Lot #: 446

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.	The physical form of the waste matches the waste stream description as determined by AK.

a. See Batch Data Reports
b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).

Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.

Site Project Manager Signature | Jerry Jess Fisher Jr. Printed Name | 04/03/2014 Date

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MHD01.001 Rev. 1 Lot # 446

Sampling Completeness

RTR/VE:

Number of Valid Samples: 3 Number of Total Samples Analyzed: 3

Percent Complete: 100 (QAO is 100%)

NDA:

Number of Valid Samples: 3 Number of Total Samples Analyzed: 3

Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	NA	NA	NA

Comments: None

Jerry Jess Fisher Jr. 04/03/2014

Signature of Site Project Manager Printed Name Date

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-MHD01.001 Rev. 1 (CCP-AK-LANL-006)

Lot 447

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CCP Characterization Information Summary Cover Page

Waste Stream # LA-MHD01.001 Lot #: 447

AK Expert Review: N/A Date: N/A

SPM Review: Roger Whitaker Date: 04/04/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-059	Rev. 2	08/26/2013 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-059	Rev. 1	09/19/2011 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-059	Rev. 0	05/04/2011 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-063	Rev. 15	08/23/2013 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/2012 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/2011 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 12	11/17/2010 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 11	10/15/2008 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 10	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 9	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 8	11/30/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 7	03/31/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 6	10/10/2005 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-064	Rev. 7	08/23/2013 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 6	04/06/2011 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 5	11/27/2007 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 4	03/31/2006 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 3	09/10/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 2	05/14/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 1	03/24/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 0	10/11/2003 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-076	Rev. 1	03/25/2014 CCP Operating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-076	Rev. 0	05/16/2013 Operating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-077	Rev. 1	04/01/2014 Calibrating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-077	Rev. 0	05/16/2013 Calibrating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-103	Rev. 12	11/04/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 11	05/16/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 10	08/30/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 9	03/14/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 8	07/12/2010 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 7	11/16/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 6	02/08/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 5	07/18/2005 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 4	10/26/2004 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 21	06/06/2013 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 20	09/27/2012 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 18	08/09/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 17	09/24/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 16	04/26/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 15	11/22/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 14	11/16/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 13	07/21/2006 CCP Project Level Data Validation and Verification

CCP-TP-001	Rev. 12	05/25/2008	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 11	03/23/2005	CCP Project Level Data Validation and Verification
CCP-TP-002	Rev. 26	06/19/2013	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 25	02/11/2013	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 24	12/28/2011	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 23	12/29/2010	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 22	08/30/2010	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 21	08/04/2009	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 20	08/18/2008	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 19	12/22/2006	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 18	11/16/2006	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 17	10/10/2006	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 16	06/06/2006	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 15	08/18/2005	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 14	03/29/2005	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-005	Rev. 26	08/12/2013	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 25	06/19/2013	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 24	11/28/2011	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 23	06/30/2011	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 22	04/21/2011	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 21	12/29/2010	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 20	11/01/2010	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 19	07/08/2010	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 18	11/16/2006	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 17	08/05/2006	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 16	02/27/2006	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 15	03/31/2005	CCP Acceptable Knowledge Documentation
CCP-TP-030	Rev. 33	11/19/2013	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 32	06/20/2013	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 31	11/19/2012	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 30	05/21/2012	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 29	04/26/2011	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 28	05/12/2010	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 27	12/14/2009	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 26	05/27/2009	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 25	01/22/2009	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 24	08/20/2008	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 23	03/12/2008	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 22	07/24/2007	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 21	05/21/2007	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 20	02/07/2007	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 19	11/16/2006	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 18	05/01/2006	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 17	12/29/2005	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 16	04/22/2005	CCP TRU Waste Certification and WWIS Data Entry

Radiography (RTR/NDE):

CCP-TP-028	Rev. 8	06/17/2013	CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 7	07/13/2012	CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 6	12/29/2010	CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 5	07/27/2010	CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 4	05/26/2010	CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 3	01/19/2006	CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 2	02/04/2004	CCP Radiographic Test Drum and Training Container Construction
CCP-TP-053	Rev. 14	09/25/2013	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 13	05/14/2013	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 12	08/22/2012	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 11	07/20/2011	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 10	03/04/2011	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 9	09/30/2010	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 8	06/30/2010	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 7	10/21/2009	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 6	03/04/2008	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 5	11/16/2006	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 4	12/22/2005	CCP Standard Real-Time Radiography (RTR) Inspection Procedure

CCP-TP-053	Rev. 3	03/21/2005 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 2	07/14/2004 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-198	Rev. 7	05/09/2013 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 6	08/06/2012 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 5	01/30/2012 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 4	01/05/2012 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 3	07/11/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 2	03/14/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 1	03/01/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 0	02/11/2011 CCP-HE-RTR Operating Procedure

WAP Certification:

CCP-PO-001	Rev. 21	05/31/2013 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 20	06/16/2011 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 19	12/29/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 18	06/30/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 17	06/23/2009 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 16	10/31/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 15	08/10/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 14	03/28/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 13	11/16/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 12	03/22/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 11	03/10/2005 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-002	Rev. 27	05/31/2013 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/2011 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 25	12/29/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 24	06/30/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 23	04/07/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 22	01/12/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 21	01/26/2009 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 20	11/02/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 19	05/22/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 16	11/16/2006 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 17	11/16/2006 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 18	11/16/2006 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 15	03/22/2006 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 14	12/29/2005 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 13	05/09/2005 CCP Transuranic Waste Certification Plan
CCP-PO-003	Rev. 13	07/31/2013 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 12	12/29/2010 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 11	06/04/2009 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 10	11/16/2006 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 9	12/29/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 8	01/25/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 7	11/22/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 6	06/08/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 5	09/19/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 4	02/11/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 3	05/31/2002 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-012	Rev. 15	02/12/2014 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 14	10/30/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 13	06/25/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/2010 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/2008 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/2007 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Lot # 447

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
68155	LA00000068155	3LANDA0260	LA-HERTR-14-0034	N/A	No	LA14FG2050	N/A
69556	LA00000069556	2LANDA1274	LA-RTR2-14-0035	N/A	No	LA14FG2050	N/A
69557	LA00000069557	2LANDA1274	LA-RTR2-14-0035	N/A	No	LA14FG2050	N/A
~~69568~~	~~LA00000069568~~	~~2LANDA1277~~	~~LA-RTR2-14-0037~~	~~N/A~~	~~No~~	~~LA14FG2050~~	~~N/A~~
69569	LA00000069569	2LANDA1274	LA-RTR2-14-0035	N/A	No	LA14FG2050	N/A
SB10172	N/A	4LANDA0046	LA-HERTR-14-0015	N/A	No	LA14FG2050	N/A

CS 6/6/14

Roger Whiteaker — Signature of Site Project Manager

Roger Whiteaker — Printed Name

04/04/2014 — Date

Carolina Soatorna

Carolina Soatorna 6/6/14

1. To be remediated. CS 6/6/14

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MHD01.001 Lot #: 447

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.	The physical form of the waste matches the waste stream description as determined by AK.

a. See Batch Data Reports

b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).

Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.

Site Project Manager Signature | Roger Whiteaker (Printed Name) | 04/04/2014 (Date)

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MHD01.001 Rev. 1 Lot # 447

Sampling Completeness

RTR/VE:

Number of Valid Samples: 6 Number of Total Samples Analyzed: 6
Percent Complete: 100 (QAO is 100%)

NDA:

Number of Valid Samples: 6 Number of Total Samples Analyzed: 6
Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	NA	NA	NA

Comments: None

Roger Whiteaker 04/04/2014

Signature of Site Project Manager Printed Name Date

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-MHD01.001 Rev. 1 (CCP-AK-LANL-006)

Lot 448

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Waste Stream # LA-MHD01.001 Lot #: 448

AK Expert Review: N/A Date: N/A

SPM Review: Rick Whiteley Date: 04/08/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-063	Rev. 15	08/23/2013 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/2012 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/2011 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 12	11/17/2010 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 11	10/15/2008 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 10	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 9	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 8	11/30/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 7	03/31/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 6	10/10/2005 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-064	Rev. 7	08/23/2013 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
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CCP-TP-064	Rev. 4	03/31/2006 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 3	09/10/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 2	05/14/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 1	03/24/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 0	10/11/2003 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-076	Rev. 1	03/25/2014 CCP Operating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-076	Rev. 0	05/16/2013 Operating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-077	Rev. 1	04/01/2014 Calibrating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-077	Rev. 0	05/16/2013 Calibrating the Mobile ISOCS Large Container Counter Using NDA 2000
CCP-TP-103	Rev. 12	11/04/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 11	05/16/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 10	08/30/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
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CCP-TP-103	Rev. 6	02/08/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 5	07/18/2005 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 4	10/26/2004 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 21	06/06/2013 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 20	09/27/2012 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/2010 CCP Project Level Data Validation and Verification
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CCP-TP-001	Rev. 13	07/21/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 12	05/25/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 11	03/23/2005 CCP Project Level Data Validation and Verification
CCP-TP-002	Rev. 26	06/19/2013 CCP Reconciliation of DQOs and Reporting Characterization Data

CCP-TP-002	Rev. 25	02/11/2013 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 24	12/28/2011 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 23	12/29/2010 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 22	08/30/2010 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 21	08/04/2009 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 20	08/18/2008 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 19	12/22/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 18	11/16/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 17	10/10/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 16	06/06/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 15	08/16/2005 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 14	03/29/2005 CCP Reconciliation of DQOs and Reporting Characterization Data

CCP-TP-005	Rev. 26	08/12/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 25	06/19/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 24	11/28/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 23	08/30/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 22	04/21/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 21	12/28/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 20	11/01/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 19	07/06/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 18	11/16/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 17	06/05/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 16	02/27/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 15	03/31/2005 CCP Acceptable Knowledge Documentation

CCP-TP-030	Rev. 33	11/19/2013 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 32	06/20/2013 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 31	11/19/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 30	05/21/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 29	04/26/2011 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 28	05/12/2010 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 27	12/14/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 26	05/27/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 25	01/22/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 24	08/20/2008 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 23	03/12/2008 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 22	07/24/2007 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 21	05/21/2007 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 20	02/07/2007 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 19	11/16/2006 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 18	05/01/2006 CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 17	12/28/2005 CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 16	04/22/2005 CCP TRU Waste Certification and WWIS Data Entry

Radiography (RTR/NDE):

CCP-TP-028	Rev. 8	06/17/2013 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 7	07/13/2012 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 6	12/29/2010 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 5	07/27/2010 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 4	05/26/2010 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 3	01/19/2006 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 2	02/04/2004 CCP Radiographic Test Drum and Training Container Construction

CCP-TP-053	Rev. 14	09/25/2013 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 13	05/14/2013 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 12	08/22/2012 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 11	07/20/2011 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 10	03/04/2011 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 9	09/30/2010 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 8	06/30/2010 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 7	10/21/2009 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 6	03/04/2008 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 5	11/16/2006 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 4	12/22/2005 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 3	03/21/2005 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 2	07/14/2004 CCP Standard Real-Time Radiography (RTR) Inspection Procedure

WAP Certification:

CCP-PO-001	Rev. 21	05/31/2013	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 20	08/16/2011	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 19	12/29/2010	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 18	06/30/2010	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 17	06/23/2009	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 16	10/31/2007	CCP Transuranic Waste Characterization Quality Assurance Project Plan
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CCP-PO-001	Rev. 14	03/28/2007	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 13	11/16/2006	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 12	03/22/2006	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 11	03/10/2005	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-002	Rev. 27	05/31/2013	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/2011	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 25	12/29/2010	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 24	06/30/2010	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 23	04/07/2010	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 22	01/12/2010	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 21	01/26/2009	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 20	11/02/2007	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 19	05/22/2007	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 16	11/16/2006	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 17	11/16/2006	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 18	11/16/2006	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 15	03/22/2006	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 14	12/29/2005	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 13	05/09/2005	CCP Transuranic Waste Certification Plan
CCP-PO-003	Rev. 13	07/31/2013	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 12	12/29/2010	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 11	06/04/2009	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 10	11/16/2006	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 9	12/29/2005	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 8	01/25/2005	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 7	11/22/2004	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 6	06/08/2004	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 5	09/18/2003	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 4	02/11/2003	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 3	05/31/2002	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-012	Rev. 15	02/12/2014	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 14	10/30/2013	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 13	06/25/2013	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/2010	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/2008	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/2007	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/2006	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/2006	CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Lot # 448

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
68987	LA00000068987	2LANDA1274	LA-RTR2-14-0034	N/A	No	LA14FG2051	N/A
69012	LA00000069012	4LANDA0065	LA-RTR2-14-0035	N/A	No	LA14FG2051	N/A

Rick Whiteley — Signature of Site Project Manager
Rick Whiteley — Printed Name
04/08/2014 — Date

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MHD01.001 Lot #: 448

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.	The physical form of the waste matches the waste stream description as determined by AK.

a. See Batch Data Reports

b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).

Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.

Rick Whiteley — Site Project Manager Signature
Rick Whiteley — Printed Name
04/08/2014 — Date

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MHD01.001 Rev. 1 Lot # 448

Sampling Completeness

RTR/VE:

Number of Valid Samples: 2 Number of Total Samples Analyzed: 2
Percent Complete: 100 (QAO is 100%)

NDA:

Number of Valid Samples: 2 Number of Total Samples Analyzed: 2
Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	NA	NA	NA

Comments: None

Rick Whiteley Rick Whiteley 04/08/2014

Signature of Site Project Manager Printed Name Date

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-MHD01.001 Rev. 1 (CCP-AK-LANL-006)

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CCP Characterization Information Summary Cover Page

Waste Stream # LA-MHD01.001 Lot #: 449

AK Expert Review: N/A Date: N/A

SPM Review: Rick Whiteley Date: 04/22/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-059	Rev. 2	08/26/2013 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-059	Rev. 1	09/19/2011 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-059	Rev. 0	05/04/2011 Operating the Super High Efficiency Neutron Counter (SperHENC) Using NDA 2000
CCP-TP-063	Rev. 15	08/23/2013 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/2012 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/2011 CCP Operating the High Efficiency Neutron Counter Using NDA2000
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CCP-TP-001	Rev. 19	12/29/2010 CCP Project Level Data Validation and Verification
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CCP-TP-001	Rev. 13	07/21/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 12	05/25/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 11	03/23/2005 CCP Project Level Data Validation and Verification
CCP-TP-002	Rev. 26	06/19/2013 CCP Reconciliation of DQOs and Reporting Characterization Data
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CCP-TP-002	Rev. 23	12/29/2010 CCP Reconciliation of DQOs and Reporting Characterization Data

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CCP-TP-002	Rev. 16	08/06/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 15	08/16/2005 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 14	03/29/2005 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-005	Rev. 26	08/12/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 25	08/19/2013 CCP Acceptable Knowledge Documentation
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CCP-TP-005	Rev. 23	06/30/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 22	04/21/2011 CCP Acceptable Knowledge Documentation
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CCP-TP-005	Rev. 20	11/01/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 19	07/06/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 18	11/16/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 17	08/05/2006 CCP Acceptable Knowledge Documentation
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Radiography (RTR/NDE):

CCP-TP-028	Rev. 8	06/17/2013 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 7	07/13/2012 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 6	12/29/2010 CCP Radiographic Test Drum and Training Container Construction
CCP-TP-028	Rev. 5	07/27/2010 CCP Radiographic Test Drum and Training Container Construction
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CCP-TP-198	Rev. 2	03/14/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 1	03/01/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 0	02/11/2011 CCP-HE-RTR Operating Procedure

WAP Certification:

CCP-PO-001	Rev. 21	05/31/2013 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 20	06/16/2011 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 19	12/29/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 18	06/30/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
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CCP-PO-001	Rev. 16	10/31/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 15	08/10/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
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CCP-PO-001	Rev. 12	03/22/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 11	03/10/2005 CCP Transuranic Waste Characterization Quality Assurance Project Plan

CCP-PO-002	Rev. 27	05/31/2013 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/2011 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 25	12/29/2010 CCP Transuranic Waste Certification Plan
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CCP-PO-002	Rev. 14	12/29/2005 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 13	05/09/2005 CCP Transuranic Waste Certification Plan

CCP-PO-003	Rev. 13	07/31/2013 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 12	12/29/2010 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 11	08/04/2009 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 10	11/16/2006 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 9	12/29/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 8	01/25/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 7	11/22/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 6	06/08/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 5	09/19/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 4	02/11/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 3	05/31/2002 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)

CCP-PO-012	Rev. 15	02/12/2014 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 14	10/30/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 13	06/25/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/2010 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/2008 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/2007 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Lot # 449

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
68161	LA00000068161	3LANDA0268	LA-HERTR-14-0044	N/A	No	LA14FG2057	N/A
68299	LA00000068299	3LANDA0268	LA-HERTR-14-0045	N/A	No	LA14FG2055	N/A
69384	LA00000069384	1LANDA1913	LA-RTR2-14-0019	N/A	No	LA14FG2052	N/A
~~69417~~	~~LA00000069417~~	~~2LANDA1282~~	~~LA-HERTR-14-0046~~	N/A	No	LA14FG2055	N/A

1. CS 6/6/14

Rick Whiteley — Signature of Site Project Manager

Rick Whiteley — Printed Name

04/22/2014 — Date

Carolina Scaterna

Carolina Scaterna 6/6/14

1. To be remediated. CS 6/6/14

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MHD01.001 Lot #: 449

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.	The physical form of the waste matches the waste stream description as determined by AK.
a. See Batch Data Reports			
b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).			
Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.			

Rick Whiteley — Site Project Manager Signature
Rick Whiteley — Printed Name
04/22/2014 — Date

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MHD01.001 Rev. 1 Lot # 449

Sampling Completeness

RTR/VE:
Number of Valid Samples: 4 Number of Total Samples Analyzed: 4
Percent Complete: 100 (QAO is 100%)

Radiological:
Number of Valid Samples: 4 Number of Total Samples Analyzed: 4
Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	NA	NA	NA

Comments: None

Rick Whiteley Rick Whiteley 04/22/2014
Signature of Site Project Manager Printed Name Date

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-MHD01.001 Rev. 1 (CCP-AK-LANL-006)

Lot 450

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CCP Characterization Information Summary Cover Page

Waste Stream # LA-MHD01.001 Lot #: 450

AK Expert Review: N/A Date: N/A

SPM Review: Roger Whiteaker Roger Whiteaker Date: 04/23/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-063	Rev. 15	08/23/2013 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/2012 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/2011 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 12	11/17/2010 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 11	10/15/2008 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 10	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 9	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 8	11/30/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 7	03/31/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 6	10/10/2005 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-064	Rev. 7	08/23/2013 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 6	04/06/2011 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 5	11/27/2007 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 4	03/31/2006 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
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CCP-TP-064	Rev. 2	05/14/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 1	03/24/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 0	10/11/2003 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 12	11/04/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 11	05/16/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 10	08/30/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
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CCP-TP-103	Rev. 5	07/18/2005 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 4	10/26/2004 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 21	06/06/2013 CCP Project Level Data Validation and Verification
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CCP-TP-053	Rev. 2	07/14/2004 CCP Standard Real-Time Radiography (RTR) Inspection Procedure

CCP-TP-198	Rev. 7	05/09/2013 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 6	08/08/2012 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 5	01/30/2012 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 4	01/05/2012 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 3	07/11/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 2	03/14/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 1	03/01/2011 CCP-HE-RTR Operating Procedure
CCP-TP-198	Rev. 0	02/11/2011 CCP-HE-RTR Operating Procedure

WAP Certification:

CCP-PO-001	Rev. 21	05/31/2013 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 20	06/16/2011 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 19	12/29/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 18	06/30/2010 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 17	06/23/2009 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 16	10/31/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan

CCP-PO-001	Rev. 15	08/10/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 14	03/28/2007 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 13	11/16/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 12	03/22/2006 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 11	03/10/2005 CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-002	Rev. 27	05/31/2013 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 26	07/14/2011 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 25	12/29/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 24	06/30/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 23	04/07/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 22	01/12/2010 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 21	01/26/2009 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 20	11/02/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 19	05/22/2007 CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 18	11/16/2006 CCP Transuranic Waste Certification Plan
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CCP-PO-002	Rev. 13	05/09/2005 CCP Transuranic Waste Certification Plan
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CCP-PO-003	Rev. 12	12/29/2010 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 11	06/04/2009 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 10	11/16/2006 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 9	12/29/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 8	01/25/2005 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 7	11/22/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 6	06/08/2004 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 5	09/19/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 4	02/11/2003 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-003	Rev. 3	05/31/2002 Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
CCP-PO-012	Rev. 15	02/12/2014 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 14	10/30/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 13	06/25/2013 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 12	11/05/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 11	10/01/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 10	07/09/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 8	12/29/2010 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 7	05/08/2008 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/08/2007 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/2006 CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Lot # 450

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
66111	LA00000066111	1LANDA1918	LA-HERTR-14-0024	N/A	No	LA14FG2031	N/A
66112	LA00000066112	1LANDA1918	LA-HERTR-14-0024	N/A	No	LA14FG2031	N/A
66114	LA00000066114	1LANDA1918	LA-HERTR-14-0024	N/A	No	LA14FG2031	N/A
66115	LA00000066115	1LANDA1918	LA-HERTR-14-0024	N/A	No	LA14FG2031	N/A
66116	LA00000066116	1LANDA1918	LA-HERTR-14-0024	N/A	No	LA14FG2031	N/A
66117	LA00000066117	1LANDA1918	LA-HERTR-14-0024	N/A	No	LA14FG2031	N/A

Roger Whiteaker — Signature of Site Project Manager
Roger Whiteaker — Printed Name
04/23/2014 — Date

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MHD01.001 Lot #: 450

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.	The physical form of the waste matches the waste stream description as determined by AK.

a. *See Batch Data Reports*

b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).

Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the *waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.*

Roger Whiteaker — Site Project Manager Signature
Roger Whiteaker — Printed Name
04/23/2014 — Date

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MHD01.001 Rev. 1 Lot # 450

Sampling Completeness

RTR/VE:
Number of Valid Samples: 6 Number of Total Samples Analyzed: 6
Percent Complete: 100 (QAO is 100%)

Radiological:
Number of Valid Samples: 6 Number of Total Samples Analyzed: 6
Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	NA	NA	NA

Comments: None

Roger Whiteaker — Roger Whiteaker — 04/23/2014

Signature of Site Project Manager — Printed Name — Date

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-MHD01.001.Rev. 1 (CCP-AK-LANL-006)

Lot 451

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CCP Characterization Information Summary Cover Page

Waste Stream # LA-MHD01.001 Lot #: 451

AK Expert Review: N/A Date: N/A

SPM Review: Rick Whiteley Date: 04/23/2014

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Non Destructive Assay (NDA):

CCP-TP-063	Rev. 15	08/23/2013 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 14	08/01/2012 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 13	04/11/2011 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 12	11/17/2010 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 11	10/15/2008 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 10	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 9	11/27/2007 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 8	11/30/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 7	03/31/2006 CCP Operating the High Efficiency Neutron Counter Using NDA2000
CCP-TP-063	Rev. 6	10/10/2005 CCP Operating the High Efficiency Neutron Counter Using NDA2000

CCP-TP-064	Rev. 7	08/23/2013 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 6	04/06/2011 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 5	11/27/2007 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 4	03/31/2006 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 3	09/10/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 2	05/14/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 1	03/24/2004 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000
CCP-TP-064	Rev. 0	10/11/2003 Calibrating the High Efficiency Neutron Counter and the Super High Efficiency Neutron Counter Using NDA 2000

CCP-TP-103	Rev. 12	11/04/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 11	05/16/2013 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 10	08/30/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 9	03/14/2011 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 8	07/12/2010 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 7	11/16/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 6	02/08/2006 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 5	07/18/2005 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000
CCP-TP-103	Rev. 4	10/26/2004 CCP Data Reviewing, Validating, and Reporting Procedure for the NDA Counters at LANL Using NDA 2000

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 21	06/06/2013 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 20	09/27/2012 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 19	12/29/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 18	08/09/2010 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 17	09/24/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 16	04/26/2007 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 15	11/22/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 14	11/16/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 13	07/21/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 12	05/25/2006 CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 11	03/23/2005 CCP Project Level Data Validation and Verification

CCP-TP-002	Rev. 26	06/19/2013 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 25	02/11/2013 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 24	12/28/2011 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 23	12/29/2010 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 22	06/30/2010 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 21	08/04/2009 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 20	08/18/2008 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 19	12/22/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 18	11/16/2006 CCP Reconciliation of DQOs and Reporting Characterization Data

CCP-TP-002	Rev. 17	10/10/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 16	06/06/2006 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 15	08/16/2005 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 14	03/29/2005 CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-005	Rev. 26	08/12/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 25	06/19/2013 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 24	11/28/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 23	06/30/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 22	04/21/2011 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 21	12/29/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 20	11/01/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 19	07/06/2010 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 18	11/16/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 17	06/05/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 16	02/27/2006 CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 15	03/31/2005 CCP Acceptable Knowledge Documentation
CCP-TP-030	Rev. 33	11/19/2013 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 32	06/20/2013 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 31	11/19/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 30	05/21/2012 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 29	04/26/2011 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 28	05/12/2010 CCP CH TRU Waste Certification and WWIS/WDS Data Entry
CCP-TP-030	Rev. 27	12/14/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 26	05/27/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 25	01/22/2009 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 24	08/20/2008 CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 23	03/12/2008 CCP CH TRU Waste Certification and WWIS Data Entry
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CCP-TP-030	Rev. 21	05/21/2007 CCP CH TRU Waste Certification and WWIS Data Entry
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CCP-TP-030	Rev. 17	12/29/2005 CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 16	04/22/2005 CCP TRU Waste Certification and WWIS Data Entry

Radiography (RTR/NDE):

CCP-TP-053	Rev. 14	09/25/2013 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 13	05/14/2013 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 12	08/22/2012 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 11	07/20/2011 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 10	03/04/2011 CCP Standard Real-Time Radiography (RTR) Inspection Procedure
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CCP-PO-003	Rev. 12	12/29/2010	Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPC)
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CCP-PO-012	Rev. 10	07/09/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 9	01/04/2012	CCP/Los Alamos National Laboratory (LANL) Interface Document
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CCP-PO-012	Rev. 4	03/31/2006	CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MHD01.001 Lot # 451

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
69400	LA00000069400	1LANDA1932	LA-HERTR-14-0048	N/A	No	LA14FG12045	N/A

Signature of Site Project Manager | Rick Whiteley (Printed Name) | 04/23/2014 (Date)

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MHD01.001 Lot #: 451

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	None of the containers in this lot had prohibited items identified during RTR.	VE was not used to certify any containers in this Lot.	The physical form of the waste matches the waste stream description as determined by AK.
a. See Batch Data Reports			
b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).			
Justification for the selection of RTR and/or VE: RTR was selected as the characterization method for this lot because the waste was previously packaged and RTR meets all the Data Quality Objectives for NDE for the waste.			

Site Project Manager Signature | Rick Whiteley (Printed Name) | 04/23/2014 (Date)

CCP Reconciliation with Data Quality Objectives

WSPF# LA-MHD01.001 Rev. 1 Lot # 451

Sampling Completeness

RTR/VE:

Number of Valid Samples: 1 Number of Total Samples Analyzed: 1

Percent Complete: 100 (QAO is 100%)

Radiological:

Number of Valid Samples: 1 Number of Total Samples Analyzed: 1

Percent Complete: 100 (QAO is 100%)

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
4	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
5	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.
6	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.
7	Y	Waste stream can be classified as hazardous or nonhazardous.
8	Y	The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections C3-1 through C3-2 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
Radiography	Y	Y	Y
VE	NA	NA	NA

Comments: None

Rick Whiteley 04/23/2014

Signature of Site Project Manager Printed Name Date

GEN5

Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01245
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 13, 2014

FROM: T. A. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: REQUEST FOR SECOND QUARTER 2014 (APRIL 1, 2014 THROUGH JUNE 30, 2014) OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Off-Site Source Recovery (OSR) Project Visual Examination (VE) of the Los Alamos National Laboratory (LANL) has completed 91 days of reporting from April 1, 2014 through June 30, 2014. Container number LA00000067510, Batch Data Report (BDR) LA14-OSR-VE-004, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification.*

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Batch Narrative. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the OSR VE quarterly repeat of DGL review, validation and verification and return the information by October 31, 2014, to the Central Characterization Program Records Department, naming the BDR as "LA14-OSR-VE-004QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: NWP

(without attachment)

A.D. Chavarria	ED
M. F. Ramirez	ED
M. L. Sensibaugh	ED

(with attachment)

CCP Records Custodian	GSA-212

LANL Distribution

(with attachment)

I. Witkowski	ED
C. Abeyta	ED
Rick Day	ED

CCP RECORDS ORIGINAL

DATE REC'D 10/13/14

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-0SR-VE-0004 Page 1 of 3

Container Identifier	LA000000067510
Printed name of VE Packager	Rick Day
Printed name of VE Recorder	ADAM MARTINEZ

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) __X__ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-689 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT9400 • POC lid filter serial number: 025912 • POC lid filter manufacture date: FEB 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☑ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☑ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☑ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☑ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☑ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☑ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☑ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 035312 • Calibration due date of torque wrench 09/12/14
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 035312 • Calibration due date of torque wrench 09/12/14

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-YE-009 Page 2 of 3

Container Identifier LA0000067510

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (if any)
1	SFC II-1-655 Am241/Be	OM	7200	None
2				
3				
4				
5				
6				
7		N/A		
8				
9				
10				
11				
12				
13				
14				
15				

Total estimated weight (kg) for each WMP listed for above items.	7.2 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☑ None ☐ ~~219.2 kg~~	Description: ~~KD~~ 2.13 kg NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2 kg		
Total estimated weight (kg) for loaded container.	226.4 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-004 Page 3 of 3

Container Identifier LA0000067510

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☑	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☑	2. Non-radionuclide pyrophoric material.
☐	☑	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☑	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☑	5. Explosives.
☐	☑	6. Compressed gas or potentially pressurized containers.
☐	☑	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☑	8. Wastes exhibiting the characteristic of ignitability.
☐	☑	9. Wastes exhibiting the characteristic of reactivity.
☐	☑	10. Wastes exhibiting the characteristic of corrosivity.
☐	☑	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☑	12. Inadequately blocked or braced sharp or heavy items.
☐	☑	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

This container has 0 kgyrs of confinement

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Rick Day — Printed Name VE Packager; Signature; 2-13-14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

ADAM MARTINEZ — Printed Name VE Recorder; Signature; 2-13-14 — Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component		Estimated Component(s) Weight (kg)					
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Record Numbers: 03773

C-804

Isotope
Source Markings
Markings: C-804 AM/BE AN-HP 500mCi
Comments: Gammatron
Record Numbers: 03773

Activity
Source Markings

C-806

Isotope
Source Markings
Markings: C-806 AM/BE AN-HP 500mCi
Comments: Gammatron
Record Numbers: 03773

Activity
Source Markings

KR-1044

Isotope
Source Markings
Markings: KR-1044 AM/BE AN-HP 400mCi
Comments: Gammatron
Record Numbers: 03773

Activity
Source Markings

MRC AMBE 402

Isotope
Source Markings

Markings: MRC AMBE 402
Comments: Kay-Ray source model 7701
Record Numbers: 04482

Activity

NRC Registry

MRC N SS W AMBE 774

Isotope
Source Markings

Markings: MRC N SS W AMBE 774
Comments: Kay-Ray source model 7701
Record Numbers: 04482

Activity

NRC Registry

Source Serial No. **LA00000067510**

0227NN

Isotope
Source Markings
Markings: 0227NN AM241BE 400mCi AI
Comments: Amersham

Activity
Source Markings

2276NE

Isotope
Source Markings
Markings: 2276NE AM241BE 10mCi TRC
Comments: Amersham

Activity
Source Markings

230NN

Isotope
Source Markings
Markings: 230NN AM241BE Al 400mCi
Comments: Amersham

Activity
Source Markings

5072NE

Isotope
Source Markings
Markings: 5072NE AM241BE 10mCi Al
Comments: Amersham

Activity
Source Markings

8514 NK

Isotope
Source Markings
Markings: 8514 NK AM241BE Al 400mCi
Comments: Amersham

Activity
Source Markings

9815

Isotope
Source Markings
Markings: 9815 AM241BE 400mCi Al
Comments: Amersham

Activity
Source Markings

AO 193

Isotope
Source Markings
Markings: AO 193 AM241BE 1Ci Al
Comments: Amersham

Activity
Source Markings

C-168

Isotope
Source Markings
Markings: C-168 AM/BE AN-HP 500mCi
Comments: Gammatron
Record Numbers: 03773

Activity
Source Markings

C-200

Isotope
Source Markings
Markings: C-200 AM/BE AN-HP 500mCi
Comments: Gammatron
Record Numbers: 03773

Activity
Source Markings

C-206

Isotope
Source Markings
Markings: C-206 AM/BE AN-HP 500mCi
Comments: Gammatron

Activity
Source Markings

Record Numbers: 03773

C-421

Isotope
Source Markings
Markings: C-421 Am241Be AN-HP 500mCi
Comments: Gammatron
Record Numbers: 03773

Activity
Source Markings

C-800

Isotope
Source Markings
Markings: C-800 AM/BE AN-HP 500mCi
Comments: Gammatron
Record Numbers: 03773

Activity
Source Markings

M-003

Isotope
Source Markings

Markings: M-003 AM241(Be) 1.3 Ci
Comments: TN Technologies Model 5010A
Record Numbers: 03262

Activity

NRC Registry

MRC N SS W AMBE 318

Isotope
Source Markings

Markings: MRC N SS W AMBE 318
Comments: TN Technologies Model 5010A
Record Numbers: 03262

Activity

NRC Registry

MRC N SS W AMBE 327

Isotope
Source Markings

Markings: MRC N SS W AMBE 327
Comments: TN Technologies Model 5010A
Record Numbers: 03262

Activity

NRC Registry

MRC-AM-BE-2517

Isotope
Source Markings
Markings: MRC-AM-BE-2517 1Ci M04
Comments: Monsanto

Activity
Source Markings

Sources in Special Form Capsules

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
Total Sources in SFC in container LA00000067508 (26 sources)					
Sum				***4.05***	***14.05***
LA00000067509					
II-1-646					
	Thermo Fisher - Sugarland	8366 NK	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	8368 NK	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	8369 NK	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	8372 NK	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	8958 NK	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	8961 NK	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	AO 364	241Am/Be	0.29	1.00
	Thermo Fisher - Sugarland	AO 374	241Am/Be	0.29	1.00
	Thermo Fisher - Sugarland	AO 449	241Am/Be	0.29	1.00
	Thermo Fisher - Sugarland	AO 94	241Am/Be	0.29	1.00
	Thermo Fisher - Sugarland	AO 96	241Am/Be	0.29	1.00
	Thermo Fisher - Sugarland	AO49	241Am/Be	0.29	1.00
	Thermo Fisher - Sugarland	C-155	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-156	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-165	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-195	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-210	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-213	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-804	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-806	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	KR-1044	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	MRC AMBE 402	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	MRC N SS W AMBE 774	241Am/Be	0.14	0.50
Total Sources in SFCII-1-646 (23 sources)					
Sum				***3.98***	***13.80***
Total Sources in SFC in container LA00000067509 (23 sources)					
Sum				***3.98***	***13.80***
LA00000067510					
II-1-655					
	Thermo Fisher - Sugarland	0227NN	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	2276NE	241Am/Be	0.00	0.01
	Thermo Fisher - Sugarland	230NN	241Am/Be	0.12	0.40

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Thermo Fisher - Sugarland	5072NE	241Am/Be	0.00	0.01
	Thermo Fisher - Sugarland	8514 NK	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	9815	241Am/Be	0.12	0.40
	Thermo Fisher - Sugarland	AO 193	241Am/Be	0.29	1.00
	Thermo Fisher - Sugarland	C-168	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-200	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-206	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-421	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	C-800	241Am/Be	0.14	0.50
	Thermo Fisher - Sugarland	M-003	241Am/Be	0.37	1.30
	Thermo Fisher - Sugarland	MRC N SS W AMBE 318	241Am/Be	0.37	1.30
	Thermo Fisher - Sugarland	MRC N SS W AMBE 327	241Am/Be	0.37	1.30
	Thermo Fisher - Sugarland	MRC-AM-BE-2517	241Am/Be	0.29	1.00
Total Sources in SFCII-1-655 (16 sources)					
Sum				***2.89***	***10.02***
Total Sources in SFC in container LA00000067510 (16 sources)					
Sum				***2.89***	***10.02***
Grand Total				***16.00***	***55.52***

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 2/11/2014 - 2/13/2014 No. of Samples: 21

TA: 35 2 Rm. n/a

RCT: Billy Terrazas Z Number: 115030

RCT Signature: MS: E541

Phone: 5-9238 Fax: n/a

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: Thermo, Sugarland 101-121

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a Incident No.: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13665	10/9/2014	0.3520	1	7.1	28.83
Beta S43-10-1	13665	10/9/2014	0.3560	1	300	175.47
Ship 270	13707	5/14/2014			0.2	~0.1mR/hr
SNRD	13758	4/2/2014			<0.1	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☐ MEARS COUNTED IN FIELD

FIELD SMEAR COUNTER MDA (dpm)

alpha: 28.83

beta: 175.47

RP-1 REVIEW BY

SAMPLE TRACKING NUMBER

29147072

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Drum LA67510 w/SFC II-1-655 ring	nda	nda	nda	25	n/a						
2	Drum LA67510 w/SFC II-1-655 side	nda	nda	nda	nda	n/a	10.2	17.3	4.3	11.6	1.3	2.7
3	Drum LA67510 w/SFC II-1-655 side	nda	nda	nda	nda	n/a						
4	Drum LA67510 w/SFC II-1-655 btm	nda	nda	nda	nda	n/a						
5	post-job shield	nda	nda	nda	nda	n/a						
6	post-job camera & scale	nda	nda	nda	nda	n/a						
7	post-job tools	nda	nda	nda	nda	n/a						
8	post-job sfc kit	nda	nda	nda	nda	n/a						
9	post-job inspection table	nda	nda	nda	nda	n/a						
10	post-job inspection table	nda	nda	nda	nda	n/a						
11	post-job inspection table	nda	nda	nda	nda	n/a						
12	post-job tools	nda	nda	nda	nda	n/a						
13	post-job tools	nda	nda	nda	nda	n/a						
14	post-job tool kits	nda	nda	nda	16.5	n/a						
15	post-job tool kits	nda	nda	nda	nda	n/a						

45

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147072

Survey Point	Item / Area	Field Smear Results		NPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	post-job shoes	nda	nda	8.3	14.7							
17	post-job shoes	nda	nda	nda	13.2	n/a						
18	post-job floor	nda	nda	nda	11.8	n/a						
19	post-job floor	nda	nda	nda	224.7	n/a						
20	post-job floor	nda	nda	nda	12.7	n/a						
21	post-job floor	nda	nda	nda	23.1	n/a						
22	End of Survey											
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												

*dpm/100 cm²

Other Information

Drum number LA00000067506, LA00000067507, LA00000067508, LA00000067509, and LA00000067510 of BDR LA14-OSR-VE-004 and LA14-OSR-CH-004: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 where as the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: ERID Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The ERID numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	ERID Number
LA00000067506	ERID-255486
LA00000067507	ERID-255486
LA00000067508	ERID-255486
LA00000067509	ERID-255486
LA00000067510	ERID-255486

CP:14:01277
UFC:5900.00

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

INTER-OFFICE CORRESPONDENCE

DATE: October 28, 2014

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS SECOND QUARTER 2014 (APRIL 1, 2014 THROUGH JUNE 30, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:14:01245 was issued October 13, 2014. This memorandum identified Waste Container LA00000067510 from Batch Data Report (BDR) LA14-OSR-VE-004, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the second calendar quarter of 2014.

The mini-BDR containing waste container LA00000067510 was reviewed for the quarterly repeat on October 20, 2014. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 11/10/14

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01249
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 13, 2014

FROM: T. A. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR THIRD QUARTER 2014 (JULY 1, 2014 THROUGH SEPTEMBER 30, 2014) REAL-TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

A completion of Data Generation Review of Real-Time Radiography (RTR) conducted at the Los Alamos National Laboratory (LANL) during the 92 days of reporting from July 1, 2014 through September 30, 2014. Therefore, the requirement to complete a quarterly review is required. Container number 67610, Batch Data Report (BDR) LA-RTR2-14-0043, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification*.

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Batch Narrative and Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the RTR quarterly repeat of DGL review, validation and verification and return the information by October 31, 2014, to the Central Characterization Project Records Department, naming the BDR as "LA-RTR2-14-0043 QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: NWP
(without attachment)
A. D. Chavarria ED
M. F. Ramirez ED
M. L. Sensibaugh ED

(with attachment)
CCP Records Custodian GSA-212

LANL
(with attachment)
A. Elliott ED

COPY

CCP RECORDS ORIGINAL
DATE REC'D 10/13/14 N

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

CP:14:01274
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 28, 2014

FROM: T. Groover tgroover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF REAL TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS THIRD QUARTER 2014 (JULY 1, 2014 THROUGH SEPTEMBER 30, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:14:01249 was issued October 13, 2014. This memorandum identified Waste Container 67610 from Batch Data Report (BDR) LA-RTR2-14-0043, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the third calendar quarter of 2014.

The mini-BDR containing waste container 67610 was reviewed for the quarterly repeat on October 15, 2014. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 2- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 11/10/14

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01250
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 13, 2014

FROM: T. A. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR THIRD QUARTER 2014 (JULY 1, 2014 THROUGH SEPTEMBER 30, 2014) VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

A completion of Data Generation Review of Visual Examination (VE) conducted at the Los Alamos National Laboratory (LANL) during the 92 days of reporting from July 1, 2014 through September 30, 2014. Therefore, the requirement to complete a quarterly review is required. Container number 67453, Batch Data Report (BDR) LAVE030005, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification*.

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the VE quarterly repeat of DGL review, validation and verification and return the information by October 31, 2014 to the Central Characterization Project Records Department, naming the BDR as "LAVE030005QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: NWP
(without attachment)
A. D. Chavarria ED
T. Mojica ED
M. L. Sensibaugh ED

(with attachment)
CCP Records Custodian ED

LANL
(with attachment)
D. Hemsing ED
T. Mojica ED

CCP RECORDS ORIGINAL
DATE REC'D 10/13/14 JV

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE030005

☐ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 9/17/14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☒ N/A	☐ SAT
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 033138 Calibration Due Date: 10/15/15 Operational Check: ☒ SAT ☐ UNSAT

Comments:

The VEE has determined not to use the VE scale.

Visual Examination Operator 1: Peter Robida Print Name	Signature	9/17/14 Date
Visual Examination Operator 2: David Potter Print Name	Signature	9/17/14 Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE030005

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67453	Waste Stream ID: LA-MHD03.001	
Container Type: 55gallon POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 156.7 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 033641 Calibration Due Date: 5/30/15 Filter: Model No.: NUCFIL-019DS Serial No.: LM-1149 Torque Value: 10ft/lbs	Lid Ring/Bolt Torque Wrench Serial/ID No.: 033641 Calibration Due Date: 5/30/15 Lid Ring/Bolt Torque Value: 60ft/lbs	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE030005 **Date:** 9/17/14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.*]	Weighing Code(s) [Table 4.*]
BBP-19	Sweepings, powder (metal)	IM	2.4	E
BBP-19	small plastic bags, liner bags, vinyl tape	PW	1.8	E
BBP-19	Cheesecloths	C	0.1	E
	N/A 9/17/14 PMR			

N/A — VEO 1: Print Name | N/A — Signature | N/A — Date

N/A — VEO 2: Print Name | N/A — Signature | N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67453

TID Removed: N/A **TID Applied:** LANL027230

N/A — VEO 1: Print Name | N/A — Signature | N/A — Date

N/A — VEO 2: Print Name | N/A — Signature | N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

05

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE030005

Output Waste Container ID: 67453

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: C	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	2.4
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	0.1
Rubber (R):	N/A
Plastics (waste materials) (PW):	1.8
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	4.3

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE030005 **Output Waste Container ID:** 67453

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE030005 **Output Waste Container ID:** 67453

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: Peter Robida Print Name	Signature	9/17/14 Date
Visual Examination Operator 2: David Potter Print Name	Signature	9/17/14 Date

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

CP:14:01278
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 28, 2014

FROM: T. Groover tgroover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS THIRD QUARTER 2014 (JULY 1, 2014 THROUGH SEPTEMBER 30, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:14:01250 was issued October 13, 2014. This memorandum identified Waste Container 67453 from Batch Data Report (BDR) LAVE030005, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the third calendar quarter of 2014.

The mini-BDR containing waste container 67453 was reviewed for the quarterly repeat on October 21, 2014. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 11/10/14

Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01248
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 13, 2014

FROM: T. A. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR THIRD QUARTER 2014 (JULY 1, 2014 THROUGH SEPTEMBER 30, 2014) OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Off-Site Source Recovery (OSR) Project Visual Examination (VE) of the Los Alamos National Laboratory (LANL) has completed 92 days of reporting from July 1, 2014 through September 30, 2014. Container number LA00000062758, Batch Data Report (BDR) LA14-OSR-VE-007, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification*.

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Batch Narrative. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the OSR VE quarterly repeat of DGL review, validation and verification and return the information by October 31, 2014, to the Central Characterization Project Records Department, naming the BDR as "LA14-OSR-VE-007QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: NWP
(without attachment)
A.D. Chavarria ED
M. F. Ramirez ED
M. L. Sensibaugh ED

(with attachment)
CCP Records Custodian GSA-212

LANL
(with attachment)
C. Abeyta ED
I. Witkowski ED
R. Day ED

CCP RECORDS ORIGINAL
DATE REC'D 10/13/14 JV

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-05R-VE-007 Page 1 of 3

Container Identifier	LA000000062758
Printed name of VE Packager	Charles Streepar
Printed name of VE Recorder	Adam MARTINEZ

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B X S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL 019 FPD • Drum lid filter serial number: DF-165 • Drum lid filter manufacture date: 02/05 • POC lid filter model: UT9400 • POC lid filter serial number: 027363 • POC lid filter manufacture date: JUL. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 041181 • Calibration due date of torque wrench 12/11/14
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 041181 • Calibration due date of torque wrench 12/11/14

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-007 Page 2 of 3

Container Identifier LA0000006 2758

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	259 Pu Be SFC III-1-195	OM	4000	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	4.0 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☒ None ☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	191.6 kg		
Total estimated weight (kg) for loaded container.	195.6 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

60

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-007 Page 3 of 3

Container Identifier LA0000062758

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.
Zero ~~No additional~~ layers of confinement.
ca 3/4/14

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Charles Streeper — Printed Name VE Packager
Signature
3/4/14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez — Printed Name VE Recorder
Signature
3/4/14 — Date

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000062758**

N320C37

NMMSS

Record Numbers: 05463

Source Serial No. **LA00000067525**

N320B28

NMMSS

Markings: 320B28
Record Numbers: 05463

N480M13

NMMSS

Markings: 480M13
Record Numbers: 05463

Source Serial No. **LA00000067526**

914

Isotope	Activity
Sales Catalogue	Other Doc

Markings: MRC AM
Comments: Source dimension 1.5" x 3.5"
Record Numbers: 04562

VL-1-906

Isotope	Activity
Source Markings	Source Markings

Markings: VL-1-906 AM-241 1Ci
Comments: Gulf Nuclear

Source Serial No. **LA00000067546**

N320B5

NMMSS

Markings: 320B5
Record Numbers: 05463

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000062758					
III-1-195					
	Indiana University of Pennsylvania	N320C37	239Pu/Be	29.00	1.82
	Total Sources in SFCIII-1-195 (1 source)				
	Sum			***29.00***	***1.82***
Total Sources in SFC in container LA00000062758 (1 source)					
Sum				***29.00***	***1.82***
LA00000067525					
II-1-684					
	University of Arkansas - Fayetteville	N320B28	239Pu/Be	29.76	1.87
	University of Arkansas - Fayetteville	N480M13	239Pu/Be	44.02	2.77
	Total Sources in SFCII-1-684 (2 sources)				
	Sum			***73.78***	***4.64***
Total Sources in SFC in container LA00000067525 (2 sources)					
Sum				***73.78***	***4.64***
LA00000067526					
II-1-682					
	University of Arkansas - Fayetteville	914	241Am/Be	7.09	24.60
	University of Arkansas - Fayetteville	VL-1-906	241Am	0.29	1.00
	Total Sources in SFCII-1-682 (2 sources)				
	Sum			***7.38***	***25.60***
Total Sources in SFC in container LA00000067526 (2 sources)					
Sum				***7.38***	***25.60***
LA00000067546					
II-1-620					
	University of Alberta	N320B5	239Pu/Be	29.77	1.87
	Total Sources in SFCII-1-620 (1 source)				
	Sum			***29.77***	***1.87***

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 03/04/14 — No. of Samples: 19

TA: — Rm: n/a

RCT: Billy Terrazas — Z Number: 115030

RCT Signature: — MS: E541

Phone: 5-8238 — Fax: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13858	1/9/2015	0.3640	1	9.6	32.08
Beta S43-10-1	13658	1/10/2015	0.3620	1	181	128.41
Ship 270	13184	10/1/2014			<0.5	~0.1mR/hr
SNRD	13757	4/2/2014			<0.5	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☑ SMEARS COUNTED IN FIELD

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: Indiana University of Pennsylvania

FIELD SMEAR COUNTER MDA (dpm)

alpha: 32.08

beta: 128.41

SAMPLE TRACKING NUMBER

29147092

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a — Incident No.: n/a

RP-1 REVIEW BY

157423

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (counts)	gamma (mR/hr)	neutron (counts)	gamma (mR/hr)	neutron (counts)
1	pre-job count table	nda	nda	nda	nda	n/a						
2	pre-job sfc table	nda	nda	nda	nda	n/a						
3	pre-job source storage shield	nda	nda	nda	nda	n/a						
4	pre-job howitzer	nda	nda	nda	nda	n/a						
5	pre-job howitzer	nda	nda	nda	nda	n/a						
6	pre-job floor	nda	nda	nda	nda	n/a						
7	pre-job floor	nda	nda	nda	nda	n/a						
8	drill motor & bit	nda	nda	nda	nda	n/a						
9	leak test 239PuBe source	nda	nda	nda	nda	n/a						
10	SFC III-1-195 w/ 239PuBe source	nda	nda	nda	nda	n/a						
11	post-job howitzer	nda	nda	nda	nda	n/a						
12	post-job howitzer	nda	nda	nda	nda	n/a						
13	post-job tools	nda	nda	nda	nda	n/a						
14	post-job tools	nda	nda	nda	nda	n/a						
15	Drum LA62758 w/SFC III-1-195 top	nda	nda	nda	nda	n/a						

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147092

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mr/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Drum LA62758 w/SFC III-1-195 ring	nda	nda	nda	nda	n/a						
17	Drum LA62758 w/SFC III-1-195 side	nda	nda	nda	nda	n/a	5.3	14.2			0.3	2.6
18	Drum LA62758 w/SFC III-1-195 side	nda	nda	nda	nda	n/a						
19	Drum LA62758 w/SFC III-1-195 btm	nda	nda	nda	nda	n/a						
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												

*dpm/100 cm²

25

Other Information

Drum number LA00000062758, LA00000067525, LA00000067526 & LA00000067546 of BDR LA14-OSR-VE-007 & LA14-OSR-CH-007: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by NUMEC may be inscribed as 320B28 or 480M13 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as N320B28 or N480M13.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
6) Some serial numbers could not be fully read such as for source 914 the markings read are MRC Am, with the rest of the markings being illegible.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: ERID Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The ERID numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	ERID Number	AK Source Document
LA00000062758	ERID-260054	M321
LA00000067525	ERID-260054	M321
LA00000067526	ERID-260054	M321
LA00000067546	ERID-260054	M321

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

CP:14:01276
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 28, 2014

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: RESULTS OF OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS THIRD QUARTER 2014 (JULY 1, 2014 THROUGH SEPTEMBER 30, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:14:01248 was issued October 13, 2014. This memorandum identified Waste Container LA00000062758 from Batch Data Report (BDR) LA14-OSR-VE-007, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the second calendar quarter of 2014.

The mini-BDR containing waste container LA00000062758 was reviewed for the quarterly repeat on October 20, 2014. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 11/10/14

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:15:01009
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: January 8, 2015

FROM: T. A. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: REQUEST FOR FOURTH QUARTER 2014 (OCTOBER 1, 2014 THROUGH DECEMBER 31, 2014) OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Off-Site Source Recovery (OSR) Project Visual Examination (VE) of the Los Alamos National Laboratory (LANL) has completed 92 days of reporting from October 1, 2014 through December 31, 2014. Container number LA00000067555, Batch Data Report (BDR) LA14-OSR-VE-012, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification.*

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Batch Narrative. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the OSR VE quarterly repeat of DGL review, validation and verification and return the information by February 6, 2015, to the Central Characterization Project Records Department, naming the BDR as "LA14-OSR-VE-012QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: NWP (without attachment)
A.D. Chavarria ED
M. F. Ramirez ED
M. L. Sensibaugh ED

(with attachment)
CCP Records Custodian GSA-212

LANL (with attachment)
C. Abeyta ED
I. Witkowski ED

CCP RECORDS ORIGINAL
DATE REC'D 1/13/15 JY.

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-OSR-VE-012 Page 1 of 3

	Container Identifier	LA000000 67555
	Printed name of VE Packager	Charles Streeper
	Printed name of VE Recorder	Adam Martinez
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) X S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)	
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-879 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT9400 • POC lid filter serial number: 026684 • POC lid filter manufacture date: APR. 2003	
3	Verify based on VE:	Verified
	• The item(s) meet a sealed source regulatory definition.	Yes☒ No☐
	• The outer casing is made of non-VOC bearing material, as the sources are placed in the container	Yes☒ No☐
	• That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size.	Yes☒ No☐
	• That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK.	Yes☒ No☐
	• That there are no non-packaging items placed in the container other than the source(s).	Yes☒ No☐
	• Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources*	Yes☒ No☐
	• If POC lid and body have visible serial numbers, ensure the serial numbers match	Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100	
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 035310 • Calibration due date of torque wrench 01/29/15	
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 035310 • Calibration due date of torque wrench 01/29/15	

5

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-012 Page 2 of 3

Container Identifier LA 000000 67555

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (if any)
1	^{241}AmBe, SFC II-1-627	OM	7200	NONE
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	7.2 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☒ None ☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2 kg		
Total estimated weight (kg) for loaded container.	226.4 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LAM-0SR-VE-012 Page 3 of 3

Container Identifier LA0000067555

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

This drum was packaged with "0" layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Charles Streeper — Signature — 6-3-14
Printed Name VE Packager — Signature — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez — Signature — 6-3-14
Printed Name VE Recorder — Signature — Date

7

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component		Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000067555**

282

Isotope **Activity**
Source Markings Source Markings
Markings: NCS-R, 282, AMBE, 5 CURIES, 12-67

358

Isotope **Activity**
Source Markings Source Markings
Markings: NCS-R, 358, AMBE, 5 CURIES, 9-68

Source Serial No. **LA00000067570**

8466 LV

Source Certificate

Record Numbers: 04675

ADCO LEM 1

Isotope **Activity**
NRC Registry NRC Registry
Comments: Wand Anatomical Marker Teardrop model AMC.24

Record Numbers: 09170

Source Serial No. **LA00000067576**

M1189

NMMSS

Markings: PUBE M1189
Record Numbers: 05463

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067555					
II-1-627					
	Instituto Boliviano de Ciencia Tecnologia Nuclear	282	241Am/Be	1.44	5.00
	Instituto Boliviano de Ciencia Tecnologia Nuclear	358	241Am/Be	1.44	5.00
Total Sources in SFCII-1-627 (2 sources)					
Sum				***2.88***	***10.00***
Total Sources in SFC in container LA00000067555 (2 sources)					
Sum				***2.88***	***10.00***
LA00000067570					
II-1-663					
	Advanced Gauging Technologies, LLC	8466 LV	241Am	0.86	3.00
	ADCO Services, Inc.	ADCO LEM 1	241Am	0.00	0.01
Total Sources in SFCII-1-663 (2 sources)					
Sum				***0.87***	***3.01***
Total Sources in SFC in container LA00000067570 (2 sources)					
Sum				***0.87***	***3.01***
LA00000067576					
III-1-194					
	Jackson Community College	M1189	239Pu/Be	59.40	3.74
Total Sources in SFCIII-1-194 (1 source)					
Sum				***59.40***	***3.74***
Total Sources in SFC in container LA00000067576 (1 source)					
Sum				***59.40***	***3.74***
Grand Total				***63.15***	***16.75***

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 6/02/14 thru 6/05/14 — No. of Samples: 97

TA: _____ Rm: n/a

RCT: Billy Terrazas — Z Number: 116030

RCT Signature: _____ MS: E541

Phone: 5-9238 — Fax: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	11180	11/14/2014	0.3860	1	5.2	23.09
Beta S43-10-1	11180	11/14/2014	0.3590	1	256	161.31
SHP 270	12923	10/10/2014			<0.6	~0.1mR/hr
SNRD	13142	10/10/2014			<0.1	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☑ SMEARS COUNTED IN FIELD

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: IBTEN , Bolovia, source recovery

FIELD SMEAR COUNTER MDA (dpm)

alpha: 23.09

beta: 161.31

SAMPLE TRACKING NUMBER

29147194

RP-1 REVIEW BY

Mark Boylan

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a — Incident No.: n/a

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	pre-job work bench	nda	nda	nda	nda	n/a						
2	pre-job work bench	nda	nda	nda	nda	n/a						
3	pre-job work bench	nda	nda	nda	nda	n/a						
4	pre-job work bench	nda	nda	nda	nda	n/a						
5	pre-job floor	nda	nda	nda	nda	n/a						
6	pre-job floor	nda	nda	nda	nda	n/a						
7	pre-job lead brick	nda	nda	nda	nda	n/a						
8	pre-job floor hallway	nda	nda	nda	nda	n/a						
9	pre-job floor hallway	nda	nda	nda	nda	n/a						
10	pre-job floor hallway	nda	nda	nda	nda	n/a						
11	pig with 226Ra	7000	15000	blank	blank	n/a						
12	cigar tube with 226Ra	nda	nda	15.7	37.9	n/a	16000.0				611.0	
13	SFC II-1-615 w/ 226Ra	nda	nda	nda	nda	n/a						
14	Hopewell #1221 sn#0512-3247 top	nda	nda	nda	nda	n/a						
15	Hopewell #1221 sn#0512-3247 side	nda	nda	nda	nda	n/a	125.5				4.4	

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147194

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Hopewell #1221 sn#0512-3247 side	nda	nda	nda	nda	n/a						
17	Hopewell #1221 sn#0512-3247 btm	nda	nda	nda	nda	n/a						
18	work bench	160	315	nda	nda	n/a						
19	work bench	150	320	nda	nda	n/a						
20	tools	nda	nda	nda	nda	n/a						
21	leak test 137Cs	nda	nda	42	73	n/a						
22	dino cam	nda	nda	18.6	14.5	n/a						
23	leak test 137Cs	85	175	110.8	120.6	n/a						
24	post- job behind shield	nda	nda	17.9	33	n/a						
25	post- job tools	nda	nda	9	14.7	n/a						
26	pre-job behind shield	nda	nda	9.9	nda	n/a						
27	pre-job tools	nda	nda	nda	nda	n/a						
28	leak test 137Cs	nda	nda	nda	32.4	n/a						
29	leak test 137Cs	nda	nda	33.8	76.3	n/a						
30	leak test 137Cs	nda	nda	14.2	42.1	n/a						
31	leak test 137Cs	nda	nda	nda	nda	n/a						
32	leak test 241Am	nda	nda	nda	nda	n/a						
33	leak test 241AmBe	nda	nda	nda	nda	n/a						
34	SFC II-1-627 w/241AmBe	nda	nda	nda	nda	n/a						
35	Drum# LA67555 w/SFC II-1-627 top	nda	nda	nda	nda	n/a						
36	Drum# LA67555 w/SFC II-1-627 ring	nda	nda	nda	nda	n/a						
37	Drum# LA67555 w/SFC II-1-627 side	nda	nda	nda	nda	n/a	11.0	10.7			1.8	1.1
38	Drum# LA67555 w/SFC II-1-627 side	nda	nda	nda	nda	n/a						
39	Drum# LA67555 w/SFC II-1-627 btm	nda	nda	nda	nda	n/a						
40	post-job tools	nda	nda	nda	nda	n/a						

*dpm/100 cm²

Other Information

Drum number LA00000067555, LA00000067570, and LA00000067576 of BDR LA14-OSR-VE-012 and LA14-OSR-CH-012: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc....
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 where as the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000067555	LA-UR-14-29555	M326
LA00000067570	LA-UR-14-29555	M326
LA00000067576	LA-UR-14-29555	M326

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:15:01040
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: February 2, 2015

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS FOURTH QUARTER 2014 (OCTOBER 1, 2014 THROUGH DECEMBER 31, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01009 was issued January 8, 2015. This memorandum identified Waste Container LA00000067555 from Batch Data Report (BDR) LA14-OSR-VE-012, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the fourth calendar quarter of 2014.

The mini-BDR containing waste container LA00000067555 was reviewed for the quarterly repeat on January 22, 2015. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 2/6/15 JV

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:15:01007
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: January 8, 2015

FROM: T. A. Groover tgroover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR FORTH QUARTER 2014 (OCTOBER 1, 2014 THROUGH DECEMBER 31, 2014) VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Data Generation Review of Visual Examination (VE) was conducted at the Los Alamos National Laboratory (LANL) during the 92 days of reporting from October 1, 2014 through December 31, 2014. Therefore, the requirement to complete a quarterly review is required. Container number 67754, Batch Data Report (BDR) LAVE550167, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification*.

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the VE quarterly repeat of DGL review, validation and verification and return the information by February 6, 2015 to the Central Characterization Project Records Department, naming the BDR as "LAVE550167QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: (without attachment)
A. D. Chavarria ED
M. F. Ramirez ED
M. L. Sensibaugh ED

(with attachment)
T. Mojica ED
CCP Records Custodian GSA-212
D. Hemsing ED

CCP RECORDS ORIGINAL
DATE REC'D 1/13/15
SW 1/13/15

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550167

☐ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 11-19-14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☒ N/A	☐ SAT
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 100523 Calibration Due Date: 6-11-15 Operational Check: ☒ SAT ☐ UNSAT

Comments: The VEE has determined not to use the VE Scale.

Visual Examination Operator 1: Joe Candelaria		11-19-14
Print Name	Signature	Date
Visual Examination Operator 2: Kenneth T. Salazar		11-19-14
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550167

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67754	Waste Stream ID: LA-MHD01.001	
Container Type: 55gal. POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 167.2 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1151 Torque Value: 10 ft./LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550167 **Date:** 11-19-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,a]	Weighing Code(s) [Table 4b]
745175	HEPA Filters.	C	6.7	E
745175	Metal Cans. Metal Lids.	IM	6.0	E
745175	Plastic Bags. Vinyl tape.	PW	2.1	E
	N/A 11-19-14 JC			

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67754

TID Removed: N/A **TID Applied:** LANL031083

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550167

Output Waste Container ID: 67754

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7 + 95.6 = 123.3
Plastics (PP):	8.1
Others: (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.0
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	6.7
Rubber (R):	N/A
Plastics (waste materials) (PW):	2.1
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	14.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550167 **Output Waste Container ID:** 67754

	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50167 **Output Waste Container ID:** 67754

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block.)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: Joe Candelaria Print Name	Signature	11-19-14 Date
Visual Examination Operator 2: Kenneth J Salazar Print Name	Signature	11-19-14 Date

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

CP:15:01041
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: February 2, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS FOURTH QUARTER 2014 (OCTOBER 1, 2014 THROUGH DECEMBER 31, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01007 was issued January 8, 2015. This memorandum identified Waste Container 67754 from Batch Data Report (BDR) LAVE550167, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the fourth calendar quarter of 2014.

The mini-BDR containing waste container 67754 was reviewed for the quarterly repeat on January 26, 2015. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 2/5/15 JY

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:15:01008
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: January 8, 2015

FROM: T. A. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR FOURTH QUARTER 2014 (OCTOBER 1, 2014 THROUGH DECEMBER 31, 2014) REAL-TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Procedure CCP-TP-001, CCP Project Level Data Validation and Verification, and the Waste Analysis Plan require that a repeat of the Data Generation Level (DGL) review, validation and verification be performed by the Site Project Manager (SPM) on a quarterly basis for a minimum of one randomly chosen waste container. The repeat DGL review, validation and verification are completed for each required characterization methodology that was performed in the last quarter at each Host site where the Central Characterization Program performed characterization.

At this time there are no batch data reports for the Los Alamos National Laboratory that have been completed through the DGL review, validation and verification processes for Real Time Radiography. Thus, for this quarter, there will be no randomly selected waste container for the quarterly review process.

If you have any questions regarding this correspondence, please contact me at (505) 606-2344.

TAG:jmc

cc: NWP
A. D. Chavarria ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

LANL
A. Elliott ED
M. Simmons ED

CCP RECORDS ORIGINAL
DATE REC'D 1/13/15 N.

CP:15:01039
UFC:5900.00

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

INTER-OFFICE CORRESPONDENCE

DATE: February 2, 2015

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: RESULTS OF REAL TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS FOURTH QUARTER 2014 (OCTOBER 1, 2014 THROUGH DECEMBER 31, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01008 was issued January 8, 2015. This memorandum indicated that there are no batch data reports for the Los Alamos National Laboratory that have been completed through the DGL review, validation and verification processes for Real Time Radiography. Thus, for fourth quarter 2014, there will be no randomly selected waste container for the quarterly review process.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 2/6/15 JV
JV 2/6/15

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-HERTR-14-0052QTR				**Examination Date(s): 05/06/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 69661 69659 69662
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**			X	
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

CCP RECORDS ORIGINAL
DATE REC'D 10/17/2014

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0052QTR	**Examination Date(s): 05/06/2014**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No observable liquid.
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0052QTR	**Examination Date(s): 05/06/2014**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			10/16/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-HERTR-14-0052QTR ☑ CH ☐ RH Date: 10/14/2014

Waste Container ID Numbers	
Replicate Scan:	69662
Independent Observation:	69661
1	69661
2	69659
3	69662
4	N/A
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Aaron Elliott		10/14/2014
Printed Name	Signature	Date

Independent Technical Reviewer:

Michael Simmons		10/14/14
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 10/15/14

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-HERTR-14-0052 QTR Date: 10/14/2014

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	N/A
6	CCP Independent Technical Reviewer Checklist	19

Batch Narrative

All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

This is the Second Quarter 2014 (April 1, 2014 THROUGH June 30, 2014) Real-Time Radiography Quarterly Repeat of data generation level review at the Los Alamos National Laboratory.

On 09/11/2014, CCP-TP-053 was updated to revision 15. All data generated after this date will be performed and recorded in accordance with the current revision.

Aaron Elliott — RTR Operator

Signature

10/14/2014 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-HERTR-14-0052		
Examination Date: 05/06/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 9 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator: Eddie Rios (Printed Name) — Eddie Rios (Signature) — 05/06/2014 (Date)		

CCP Radiography Data Sheet

Section 1: General Information	
[ ] RTR Examination [X] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69662
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 138.0 kg Tare Wt.: 33.4 kg Net Wt.: 104.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	75 %

CCP Radiography Data Sheet

Waste Container ID: 69662

Section 3: Container Inventory and Comments (Detailed descriptions)

IM: Metal cans with material

AM:

OM: Scrap lead

OI:

C:

R:

XPM: Plastic bags

OR:

IN: Homogeneous solids

S:

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	5.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	20.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	75.6
Soils (S):	
Total WMP Weight:	104.6

CCP Radiography Data Sheet

Waste Container ID: 69662

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This Replicate scan agrees with the original scan.

RTR Operator:

Benito Maestas		5/6/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69661
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 169.5 kg Tare Wt.: 145.1 kg Net Wt.: 24.4 kg
Rigid Liner and Liner Vent Description:	Liner: ☐ No ☒ Yes Lid: ☐ No ☒ Yes Type: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☒ Yes ☐ N/A Punctured: ☐ No ☒ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	60 %

CCP Radiography Data Sheet

Waste Container ID: 69661

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Other: Fiberboard (CP), Liner/Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	2.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	22.4
Soils (S):	
Total WMP Weight:	24.4

 CCP Radiography Data Sheet

Waste Container ID: 69661

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: Standard Pipe Overpack Container (P.O.C.)There is separation between liner lid and liner therefore liner is vented. This Independent Observation agrees with the original scan.	
RTR Operator:	
Benito Maestas (Print Name) — Signature — 5/6/2014 (Date)	

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69661
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 169.5 kg Tare Wt.: 145.1 kg Net Wt.: 24.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	75 %

CCP Radiography Data Sheet

Waste Container ID: 69661

Section 3: Container Inventory and Comments (Detailed descriptions)

IM: Metal cans with material, metal lids

AM:

OM:

OI:

C:

R:

XPM:

OR:

IN: Homogeneous solids

S:

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Other: Fiberboard (CP), Liner/Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	5.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	19.4
Soils (S):	
Total WMP Weight:	24.4

CCP Radiography Data Sheet

Waste Container ID: 69661

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: Standard Pipe Overpack Container (P.O.C.)There is separation between liner lid and liner therefore liner is vented.	

RTR Operator:

Eddie Rios		5/6/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69659
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 171.5 kg Tare Wt.: 145.1 kg Net Wt.: 26.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

CCP Radiography Data Sheet

Waste Container ID: 69659

Section 3: Container Inventory and Comments (Detailed descriptions)

IM: Metal cans with material

AM:

OM:

OI:

C:

R:

XPM: Plastic bag

OR:

IN: Homogeneous solids

S:

Section 4: Packaging Material and Waste Material Parameters

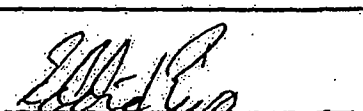
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Other: Fiberboard (CP), Liner/Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	20.4
Soils (S):	
Total WMP Weight:	26.4

Waste Container ID: 69659

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented.

RTR Operator:

Eddie Rios		5/6/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69662
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 138.0 kg Tare Wt.: 33.4 kg Net Wt.: 104.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

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Joe 10/14/14

CCP Radiography Data Sheet

Waste Container ID: 69662

Section 3: Container Inventory and Comments (Detailed descriptions)

IM: Metal cans with material

AM:

OM: Scrap lead

OI:

C:

R:

XPM: Plastic bag, plastic sheeting

OR:

IN: Homogeneous solids

S:

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	5.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	23.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	3.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	73.6
Soils (S):	
Total WMP Weight:	104.6

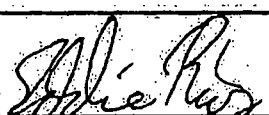
17 ~~20~~
10/14/14

CCP Radiography Data Sheet

Waste Container ID: 69662

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Eddie Rios		5/6/2014
Print Name	Signature	Date

18 ~~21~~
Jac
10/14/14

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-HERTR-14-0052QTR

Description			
1.	Were data generation and reduction conducted in a technically correct manner in accordance with the methods used?	☐ NO	☒ YES
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 14	☐ NO	☒ YES
3.	Are the WMPs entered correctly?	☐ NO	☒ YES
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☒ YES
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☒ YES
6.	Was transcription used? If no, proceed to question 7.	☒ NO	☐ YES
	6a. Has the data been verified for transcription errors?	☐ NO	☐ YES
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☒ YES
8.	Are BDR contents complete and do they match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☒ YES
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☒ YES
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☒ YES
11.	Have changes been made to original data? If no, proceed to question 12.	☒ NO	☐ YES
	11a. Have all changes to original data been lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES
	11b. Was justification made for changing the original data?	☐ NO	☐ YES
	11c. Were data changes made by the individual who originally collected the data?	☐ NO	☐ YES
12.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☒ YES
13.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☒ YES
14.	Is there an adequate written description of the contents of each item?	☐ NO	☒ YES
15.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☒ YES
16.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☒ YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-HERTR-14-0052QTR

Description			
17.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☒ YES
18.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☒ YES
19.	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☒ YES
20.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☒ YES
21.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☒ YES
22.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☒ YES
23.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☒ YES
24.	Was the data collection performed by qualified individuals?	☐ NO	☒ YES
25.	Were NCRs initiated as required at DGL? If no, proceed to question 26.	☒ NO	☐ YES
25a.	Have the NCR(s) associated with RTR been included in the BDR?	☐ NO	☐ YES
26.	Is the RTR examination for CH waste? If no, proceed to question 27.	☐ NO	☒ YES
26a.	Have the CH Quality Assurance Objectives (QAOs) been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two radiography operators with regard to identification of the waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases through independent replicate scans and independent observations. Additionally, the precision of radiography is verified prior to use by tuning precisely enough to demonstrate compliance with QAOs through viewing an image test pattern. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify 100 percent of the items required to meet the DQOs for radiography specified in CCP-PO-001, Section C-4a(1) in a training container during their initial qualification and subsequent requalification. Completeness – A video and audio media recording of the radiography examination and a validated radiography data form will be obtained for 100 percent of the waste containers subject to radiography. All video and audio media recordings and radiography data forms will be subject to validation as indicated in CCP-PO-001, Section C3-4. Comparability – The comparability of radiography data from different operators shall be enhanced by using standardized radiography procedures and operator qualifications.	☐ NO	☒ YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-HERTR-14-0052QTR

Description		
27. Is the RTR examination for RH waste? If no, proceed to comment section.	☒ NO	☐ YES
27a. Have the RH QAOs been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two operators (during Independent Observation and Replicate scans) with regard to the identification of important waste characteristics (i.e., physical form of the waste and absence of prohibited liquids) within a single container. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify prohibited liquid in a training container during their initial qualification and subsequent requalification. Representativeness – All of the relevant contents in a container selected for radiography will be described. Completeness – All of the relevant waste information must be assembled and must show that each of the containers in the waste stream belongs to the waste stream. This information must be documented on videotape or other equivalent media and data form. Comparability – Comparability is ensured by meeting the program training requirements and complying with the minimum standards used to implement the radiography process.	☐ NO	☐ YES

Comments: With regard to question #2: CCP-TP-053 R.14 was the correct revision used during original data generation on May 06, 2014. Revision 15 took effect on 09/11/2014.

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Michael Simmons — Printed Name

Signature

10/14/14 — Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	10-30-14
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0052QTR	BDR FOR NDE HE-RTR	10-14-14	21
	N/A		

Comments

SPM CHECKLIST COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓] _____ Jewell Hurrabe 11/7/14
Signature Printed Name Date

Records Rejected [ ] _____ _____ _____
Signature Printed Name Date

Reason for Rejection:

Re-submittal: _____ _____ _____
Signature Printed Name Date

```
**********************************
***        Send Results        ***
**********************************

Sending is complete.

Job No.          1639
Address          915056678321
Name             LANL
Start Time       11/07 11:18 AM
Call Length      00'19
Sheets           1
Result           OK
```

Controlled Copy

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	10-30-14
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0052QTR	BDR FOR NDE HE-RTR	10-14-14	21
	N/A		

Comments

SPM CHECKLIST COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Jewell Hurnado Printed Name	11/7/14 Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01246
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 13, 2014

FROM: T. A. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: REQUEST FOR SECOND QUARTER 2014 (APRIL 1, 2014 THROUGH JUNE 30, 2014) REAL-TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

A completion of Data Generation Review of Real-Time Radiography (RTR) conducted at the Los Alamos National Laboratory (LANL) during the 91 days of reporting from April 1, 2014 through June 30, 2014. Therefore, the requirement to complete a quarterly review is required. Container number 69659, Batch Data Report (BDR) LA-HERTR-14-0052, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification*.

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Batch Narrative and Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the RTR quarterly repeat of DGL review, validation and verification and return the information by October 31, 2014, to the Central Characterization Project Records Department, naming the BDR as "LA-HERTR-14-0052 QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: NWP
(without attachment)
A. D. Chavarria ED
M. F. Ramirez ED
M. L. Sensibaugh ED

NWP
(with attachment)
CCP Records Custodian GSA-212

LANL
(with attachment)
A. Elliott ED

CCP RECORDS ORIGINAL
DATE REC'D 10/13/14

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-HERTR-14-0052		
Examination Date: 05/06/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 9 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Eddie Rios	Eddie Rios	05/06/2014
Printed Name	Signature	Date

CCP Radiography Data Sheet

Section 1. General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69662
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 138.0 kg Tare Wt.: 33.4 kg Net Wt.: 104.6 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☐ No ☒ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	75 %

 CCP Radiography Data Sheet

Waste Container ID: 69662

Section 3: Container Inventory and Comments	Detailed Descriptions
IM:	Metal cans with material
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Plastic bags
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	5.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	20.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	75.6
Soils (S):	
Total WMP Weight:	104.6

CCP Radiography Data Sheet

Waste Container ID: 69662

Section 5: RTR Summary	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This Replicate scan agrees with the original scan.

RTR Operator:

Benito Maestas		5/6/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[ ] RTR Examination [ ] RTR Replicate Scan [X] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69661
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2 Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 169.5 kg Tare Wt.: 145.1 kg Net Wt.: 24.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	60 %

CCP Radiography Data Sheet

Waste Container ID: 69661

Section 3: Container Inventory and Comments

IM: Scrap metal

AM:

OM:

OI:

C:

R:

XPM:

OR:

IN: Homogeneous solids

S:

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Other: Fiberboard (CP), Liner/Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	2.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	22.4
Soils (S):	
Total WMP Weight:	24.4

 CCP Radiography Data Sheet

Waste Container ID: 69661

Section 5 RTR Summary	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.)There is separation between liner lid and liner therefore liner is vented. This Independent Observation agrees with the original scan.

RTR Operator:

Benito Maestas		5/6/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1 General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69661
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2 Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 169.5 kg Tare Wt.: 145.1 kg Net Wt.: 24.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	75 %

Waste Container ID: 69661

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal cans with material, metal lids
AM:
OM:
OI:
C:
R:
XPM:
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Other: Fiberboard (CP), Liner/Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	5.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	19.4
Soils (S):	
Total WMP Weight:	24.4

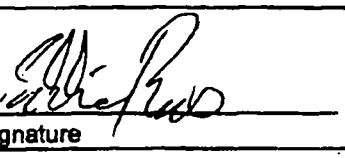
CCP Radiography Data Sheet

Waste Container ID: 69661

Section 5: RTR Summary	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code(s))?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.)There is separation between liner lid and liner therefore liner is vented.

RTR Operator:

Eddie Rios		5/6/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0052
Examination Date:	5/6/2014
Waste Container ID:	69659
Video/Audio Recorded Media Number:	LA-HERTR-14-0052 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 171.5 kg Tare Wt.: 145.1 kg Net Wt.: 26.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

Waste Container ID: 69659

Section 3 Container Inventory and Comments (Additional descriptions)
IM: Metal cans with material
AM:
OM:
OI:
C:
R:
XPM: Plastic bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Other: Fiberboard (CP), Liner/Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	20.4
Soils (S):	
Total WMP Weight:	26.4

Waste Container ID: 69659

Section 5: RTR Summary	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented.

RTR Operator:

Eddie Rios		5/6/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information		
[X] RTR Examination	[ ] RTR Replicate Scan	[ ] RTR Independent Observation
Site ID:	LANL	
Batch Number:	LA-HERTR-14-0052	
Examination Date:	5/6/2014	
Waste Container ID:	69662	
Video/Audio Recorded Media Number:	LA-HERTR-14-0052	A&B
Procedure and Revision No.:	CCP-TP-053	Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A	

Section 2: Waste Container Data		
Container Type:	55 Gallon Drum	
TRUCON Code:	LA226	
Waste Matrix Code:	S3150	
Waste Stream I.D.:	LA-CIN01.001	
Waste Container Weights:	Gross Wt.: 138.0 kg Tare Wt.: 33.4 kg Net Wt.: 104.6 kg	
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes	
Number of Layers of Confinement:	Appears to be 2 layers	
Volume Utilization Percentage:	80 %	

Waste Container ID: 69662

Section 3. Container Inventory and Comments (Detailed description)
IM: Metal cans with material
AM:
OM: Scrap lead
OI:
C:
R:
XPM: Plastic bag, plastic sheeting
OR:
IN: Homogeneous solids
S:

Section 4. Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	5.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	23.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	3.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	73.6
Soils (S):	
Total WMP Weight:	104.6

CCP Radiography Data Sheet

Waste Container ID: 69662

Section 5: RTR Summary	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Eddie Rios		5/6/2014
Print Name	Signature	Date

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

CP:14:01275
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 28, 2014

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: RESULTS OF REAL TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS SECOND QUARTER 2014 (APRIL 1, 2014 THROUGH JUNE 30, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:14:01246 was issued October 13, 2014. This memorandum identified Waste Container 69659 from Batch Data Report (BDR) LA-HERTR-14-0052, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the second calendar quarter of 2014.

The mini-BDR containing waste container 69659 was reviewed for the quarterly repeat on October 15, 2014. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 2- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 11/10/14

Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

CP:14:01247
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 13, 2014

FROM: T. A. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations. Los Alamos National Laboratory

SUBJECT: REQUEST FOR SECOND QUARTER 2014 (APRIL 1, 2014 THROUGH JUNE 30, 2014) VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

A completion of Data Generation Review of Visual Examination (VE) conducted at the Los Alamos National Laboratory (LANL) during the 91 days of reporting from April 1, 2014 through June 30, 2014. Therefore, the requirement to complete a quarterly review is required. Container number 67603, Batch Data Report (BDR) LAVE550127, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification*.

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the VE quarterly repeat of DGL review, validation and verification and return the information by October 31, 2014 to the Central Characterization Project Records Department, naming the BDR as "LAVE550127QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TAG:jmc

Attachment

cc: NWP
(without attachment)
A. D. Chavarria ED
M. F. Ramirez ED
T. Mojica ED
M. L. Sensibaugh ED

(with attachment)
CCP Records Custodian GSA-212

LANL
(with attachment)
D. Hemsing ED
T. Mojica ED

CCP RECORDS ORIGINAL
DATE REC'D 10/13/14

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550127

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 4.30.14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 100523 Calibration Due Date: 6-6-14 Operational Check: ☑ SAT ☐ UNSAT
Comments: THE VEE HAS DETERMINED NOT TO USE THE VE SCALE	
Visual Examination Operator 1: JOE Candelaria (Print Name) — Joe Ce (Signature) — 4.30.14 (Date)	
Visual Examination Operator 2: Michael C Trujillo (Print Name) — Michael C. Trujillo (Signature) — 4/30/14 (Date)	

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550127

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67603	Waste Stream ID: LA-MHD01.001	
Container Type: 55gal. drum	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 34.4 kg.	Gross Wt: 50.1 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☑ NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A ☐ Vented: Hole Size: ☑ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☐ NO ☑ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101391 Calibration Due Date: 12-10-14 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1567 Torque Value: 10 Ft./LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 Ft./LBS	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550127 **Date:** 4-30-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.1]	Weighing Code(s) [Table 4.1]
738011	Paper, CARDBOARD Boxes, Cheese Cloth	C	1.7	E
738011	Rubber glovebox gloves	R	6.5	E
738011	Plastic bags, plastic caps Plastic bottles, Vinyl tape	PW	7.5	E
	4-30-14 NA /JC			

N/A
VEO 1: Print Name

N/A
Signature

N/A
Date

N/A
VEO 2: Print Name

N/A
Signature

N/A
Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67603

TID Removed: N/A **TID Applied:** LANL030055

N/A
VEO 1: Print Name

N/A
Signature

N/A
Date

N/A
VEO 2: Print Name

N/A
Signature

N/A
Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550127

Output Waste Container ID: 67603

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	6.7
Others:	N/A
Total Packaging Weight:	34.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	N/A
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	1.7
Rubber (R):	6.5
Plastics (waste materials) (PW):	7.5
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	15.7

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550127 **Output Waste Container ID:** 67603

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550127 **Output Waste Container ID:** 67603

Section 4: Prohibited Item(s) Summary (Continued) *(Questions answered "YES" will be explained in the Comments block)*		
Comments: N/A		
Section 5: Approvals		
Visual Examination Operator 1: Joe Candelaria Print Name	Signature	4.30.14 Date
Visual Examination Operator 2: Michael C. Trujillo Print Name	Signature	4/30/14 Date

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01136
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: July 27, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR SECOND QUARTER 2015 (APRIL 1, 2015 THROUGH JUNE 30, 2015) VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Data Generation Review of Visual Examination (VE) was conducted at the Los Alamos National Laboratory (LANL) during the 91 days of reporting from April 1, 2015 through June 30, 2015. Therefore, the requirement to complete a quarterly review is required. Container number 67877, Batch Data Report (BDR) LAVE550218, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification.*

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the VE quarterly repeat of DGL review, validation and verification and return the information by August 20, 2015 to the Central Characterization Project Records Department, naming the BDR as "LAVE550218QTR2."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG/lcg

cc: (without attachment)		(with attachment)	
A. D. Chavarria	ED	T. Mojica	ED
M. Ramirez	ED	CCP Records Custodian	GSA-212
R. Reeves	ED		
C. Soaterna	ED		

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL
DATE REC'D 7.29.15 W

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVES50218

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 6-17-15	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 103307 Calibration Due Date: 6-15-16 Operational Check: ☑ SAT ☐ UNSAT
Comments: The VEE has determined not to use the VE Scale.	
Visual Examination Operator 1: Joe Candelaria (Print Name) / Joe C (Signature) / 6-17-15 (Date)	
Visual Examination Operator 2: Nino Bustos (Print Name) / Nino Bustos (Signature) / 6-17-15 (Date)	

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550218

Input Waste Container ID, as applicable: N/A	
Output Waste Container ID: 67877	Waste Stream ID: LA-MH001.001
Container Type: 55 gallon POC / TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A	
Waste Container Weights: Tare Wt: 142.8 kg.	Gross Wt: 151.3 kg.
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0375 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES	
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES	
Closure Method: TTF Number of Layers of Confinement: 1	
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-4-15 Filter: Model No.: NUCFIL-0190S Serial No.: IN-170 Torque Value: 10 ft./Lbs	Lid Ring/Bolt Torque Wrench Serial/ID No.: 102788 Calibration Due Date: 12-3-15 Lid Ring/Bolt Torque Value: 60 ft./Lbs
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES	
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A	
Comments: N/A	

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVESSO218 Date: 6-17-15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.*]	Weighing Code(s) [Table 4*]
822865	~~Metal~~ Balance Scale Steel 6-22-15	Im	6.0	E
822865	Aluminum cans, Aluminum lids, Aluminum pieces	Am	1.0	E
822865	glass vials	OI	0.5	E
822865	plastic bags, Vinyl Tape	PW	1.0	E
	N/A JK 6-17-15			

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67877

TID Removed: N/A TID Applied: LANL031283

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550218

Output Waste Container ID: 67877

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7 + 82.0 = 109.7
Plastics (PP):	8.1
Others: (C)	25.0
Total Packaging Weight:	142.8
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	6.0
Aluminum-based Metals/Alloys (AM):	1.0
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	1.0
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	8.5

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50218 **Output Waste Container ID:** 67877

	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, *container and packaging materials, shipping container materials*, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVESSO 218 **Output Waste Container ID:** 67877

[redacted]

Comments: N/A

[redacted]

Visual Examination Operator 1: Joe Candelaria — Print Name | Signature | 6-17-15 Date

Visual Examination Operator 2: Nina Bustos — Print Name | Signature | 6-17-15 Date

NWP
Nuclear Waste Partnership LLC
A URS-led partnership with B&W and AREVA

CP:14:01279
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: October 28, 2014

FROM: T. Groover TG — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: RESULTS OF VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW: LOS ALAMOS SECOND QUARTER 2014 (APRIL 1, 2014 THROUGH JUNE 30, 2014)

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:14:01247 was issued October 13, 2014. This memorandum identified Waste Container 67603 from Batch Data Report (BDR) LAVE550127, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the second calendar quarter of 2014.

The mini-BDR containing waste container 67603 was reviewed for the quarterly repeat on October 21, 2014. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 11/10/14

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01076
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: April 22, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR FIRST QUARTER 2015 (JANUARY 1, 2015 THROUGH MARCH 31, 2015) REAL TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Procedure CCP-TP-001, CCP Project Level Data Validation and Verification and the Waste Analysis Plan require that a repeat of the Data Generation Level (DGL) review, validation and verification be performed by the Site Project Manager on a quarterly basis for a minimum of one randomly chosen waste container. CCP-TP-001 further specifies that the repeat DGL data review, validation and verification are completed at each Host Site where the Central Characterization Project performed characterization. The purpose of this exercise is to document that the DGL data review, validation and verification are being performed in accordance with applicable procedures.

Data Generation Review of Real Time Radiography (RTR) was **not** conducted at the Los Alamos National Laboratory (LANL) during the 90 days of reporting from January 1, 2015 through March 31, 2015. Therefore, the requirement to complete a quarterly review is **not** required.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: NWP

A. D. Chavarria	ED
M. F. Ramirez	ED
M. L. Sensibaugh	ED
C. Soaterna	ED

LANL

K. Simpson	ED
CCP Records Custodian	GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 4/30/15 JY

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01134
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: July 27, 2015

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: CORRECTED: REQUEST FOR SECOND QUARTER 2015 (APRIL 1, 2015 THROUGH JUNE 30, 2015) REAL TIME RADIOGRAPHY QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Data Generation Review of Real Time Radiography (RTR) was conducted at the Los Alamos National Laboratory (LANL) during the 91 days of reporting from April 1, 2015 through June 30, 2015. Therefore, the requirement to complete a quarterly review is required. Container number S816674, Batch Data Report (BDR) LA-RTR2-15-0001, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification.*

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the RTR quarterly repeat of DGL review, validation and verification and return the information by August 20, 2015 to the Central Characterization Project Records Department, naming the BDR as "LA-RTR2-15-0001QTR2."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG/lcg

cc: (without attachment)

A. D. Chavarria	ED
M. Ramirez	ED
R.Reeves	ED
C. Soaterna	ED

(with attachment)

K. Simpson	ED
CCP Records Custodian	GSA-212

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL
DATE REC'D 7.30.15

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-RTR2-15-0001		
Examination Date: 2/11/2015		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 8 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Aaron Elliott Printed Name	 Signature	2/11/2015 Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	59454
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 31.0 kg Tare Wt.: 27.7 kg Net Wt.: 3.3 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Metal cans, scrap metal, metal lid
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Plastic bags
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	0.8
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.3

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Waste Container ID: 59454

Section 5. RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This Replicate Scan agrees with the Original Scan.
THIS DRUM CONTAINS METAL CANS WITH MATERIAL, WHICH MAY REQUIRE ADDITIONAL PROJECT OFFICE REVIEW.
5.6.15 BM

RTR Operator:		
Benito Maestas		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	62152
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.0 kg Tare Wt.: 36.1 kg Net Wt.: 41.9 kg
Rigid Liner and Liner Vent Description:	Liner: ☐ No ☒ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☒ Yes ☐ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Open metal pipes, metal lids, scrap metal, metal hardware
AM:	
OM:	
OI:	
C:	Filter media
R:	
XPM:	Plastic sheeting, plastic bag
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): 90 Mil Rigid Liner and Liner Bag	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	25.9
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	12.0
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	41.9

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Independent Observation agrees with the Original Scan.	

RTR Operator:		5.6.15
Benito Maestas		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information		
[X] RTR Examination	[ ] RTR Replicate Scan	[ ] RTR Independent Observation
Site ID:	LANL	
Batch Number:	LA-RTR2-15-0001	
Examination Date:	2/11/2015	
Waste Container ID:	S816674	
Video/Audio Recorded Media Number:	LA-RTR2-15-0001	A&B
Procedure and Revision No.:	CCP-TP-053	Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A	

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.5 kg Tare Wt.: 27.7 kg Net Wt.: 50.8 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	55 %

CCP Radiography Data Sheet

Waste Container ID: S816674

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Handtools, scrap metal
AM:	
OM:	Scrap lead
OI:	
C:	Coveralls, cloth
R:	
XPM:	Plastic bag,
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	8.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	30.0
Other Inorganic Materials (OI)	
Cellulosics (C):	10.8
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	50.8

CCP Radiography Data Sheet

Waste Container ID: S816674

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No

Comments: N/A

RTR Operator:

Aaron Elliott		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	62152
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.0 kg Tare Wt.: 36.1 kg Net Wt.: 41.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes JAE 5/6/15 Lid: [X] No [ ] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Open metal pipes. Metal lids, scrap metal. Metal hardware
AM:	
OM:	
OI:	
C:	Filter media
R:	
XPM:	Plastic sheeting, ~~plastic~~ bag PLASTIC ~~BAG~~ 5/6/15
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): 90 Mil Rigid Liner and Liner Bag	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	26.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	11.4
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	41.9

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:		5/6/15
Aaron Elliott		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	59454
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 31.0 kg Tare Wt.: 27.7 kg Net Wt.: 3.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	metal cans, scrap metal, metal lid
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Plastic bags
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	0.8
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.3

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Waste Container ID: 59454

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: ~~N/A~~ JAE 5/6/15 JAE 5/6/15
THIS DRUM CONTAINS METAL CANS WITH MATERIAL, WHICH MAY REQUIRE ADDITION PROJECT OFFICE REVIEW.

RTR Operator: 5/6/15

Aaron Elliott — 2/11/2015

Print Name — Signature — Date

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01146
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: August 12, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF REAL TIME RADIOGRAPHY QUARTERLY REPEAT DATA GENERATION LEVEL REVIEW: LOS ALAMOS NATIONAL LABORATORY SECOND QUARTER 2015

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01134 was issued July 27, 2015. This memorandum identified Waste Container S816674 from Batch Data Report (BDR) LA-RTR2-15-0001, as the randomly selected container for DGL repeat of Real Time Radiography at LANL for the second calendar quarter of 2015.

The mini-BDR containing waste container S816674 was reviewed for the quarterly repeat on August 10, 2015. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:lcg

cc: W. W. Cameron ED
A. D. Chavarria ED
R. P. Kantrowitz ED
T. M. Mojica ED
M. F. Ramirez ED
R. D. Reeves ED
CCP Records Custodian GSA-212

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL
DATE REC'D 8.25.15 JW

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01077
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: April 23, 2015

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: **CORRECTED** REQUEST FOR FIRST QUARTER 2015 (JANUARY 1, 2015 THROUGH MARCH 31, 2015) OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Data Generation Review of Off-Site Source Recovery Project Visual Examination (OSRP-VE) was conducted at the Los Alamos National Laboratory (LANL) during the 90 days of reporting from January 1, 2015 through March 31, 2015. Therefore, the requirement to complete a quarterly review is required. Container number LA00000067568, Batch Data Report (BDR) LA14-OSR-VE-015, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification.*

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the VE quarterly repeat of DGL review, validation and verification and return the information by May 11, 2015 to the Central Characterization Project Records Department, naming the BDR as "LA14-OSR-VE-015QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: NWP

(without attachment)

A. D. Chavarria	ED
M. F. Ramirez	ED
M. L. Sensibaugh	ED
C. Soaterna	ED

LANL

(with attachment)

I. Witkowski	ED
J. Griffin	ED
CCP Records Custodian	GSA-212

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL
DATE REC'D 4/30/15 JY

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-OSR-VE-015 Page 1 of 3

Container Identifier	LA00000067568
Printed name of VE Packager	Bill Stewart
Printed name of VE Recorder	Frank Cocina

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ✓ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-968 • Drum lid filter manufacture date: 12/02 • POC lid filter model: VT9400 • POC lid filter serial number: 025990 • POC lid filter manufacture date: FEB. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☑ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☑ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☑ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☑ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☑ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☑ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☑ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 10/07/14
6	Closure Ring Torque • Drum ring bolts tightened to 55 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 10/07/14

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-015 Page 2 of 3

Container Identifier LA000000 67568

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	Am241 SFC 11-1-688	OM	7611	NONE
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	7.6 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☒ None ☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2 kg		
Total estimated weight (kg) for loaded container.	226.8 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

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Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-015 Page 3 of 3

Container Identifier LA 0000006 7568

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

Drum packaged with zero layers of confinement

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Bill Stewart — Printed Name VE Packager — Signature — 8/5/2014 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Frank Cacina — Printed Name VE Recorder — Signature — 8/5/2014 Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component		Estimated Component(s) Weight (kg)					
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

11

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000067568**

0146LX

Isotope **Activity**
Source Markings Source Markings
Markings: 0146LX 25mCi Am241 7/12/89

0737CW

Isotope **Activity**
Source Markings Source Markings
Markings: 0737CW Al Am241 1 Ci 37GBq

0738CW

Isotope **Activity**
Source Markings Source Markings
Markings: 0738CW Al Am241 1 Ci 37GBq

1505LA

Isotope **Activity**
Source Markings Source Markings
Markings: 1505LA 30mCi Am241 TRC
Comments: Amersham

1973LQ

Isotope **Activity**
Source Markings Source Markings
Markings: 1973LQ Al Am241 1 Ci 37GBq 5/1995

2390LA

Isotope **Activity**
Source Markings Source Markings
Markings: 2390LA 1Ci Am241 TRC 2/12/1979
Comments: Amersham

4031LA

Source Certificate

Markings: 4031LA
Record Numbers: 04905

5224LA

Source Certificate

Markings: 5224LA

Record Numbers: 04905

5685LA

Source Certificate

Markings: 5685LA
Record Numbers: 04905

5745LQ

Isotope — **Activity**
Source Markings — Source Markings
Markings: 5745LQ Al Am241 1 Ci 37GBq

5748LQ

Isotope — **Activity**
Source Markings — Source Markings
Markings: 5748LQ Al Am241 1 Ci 37GBq

6150LV

Isotope — **Activity**
Source Markings — Source Markings
Markings: 6150LV 1Ci Am241 TRC 4 Sept 87
Comments: Amersham

6317LV

Isotope — **Activity**
Source Markings — Source Markings
Markings: 6317LV Al Am241 1 Ci 37GBq 3/29/88

6322LV

Isotope — **Activity**
Source Markings — Source Markings
Markings: 6322LV Al Am241 1 Ci 37GBq

6323LV

Isotope — **Activity**
Source Markings — Source Markings
Markings: 6323LV Al Am241 1 Ci 37GBq

6324LV

Isotope — **Activity**
Source Markings — Source Markings
Markings: 6324LV Al Am241 1 Ci 37GBq

6325LV

Isotope — **Activity**
Source Markings — Source Markings
Markings: 6325LV Al Am241 1 Ci 37GBq

6792LV	Isotope Source Markings Markings: 6792LV Al Am241 1 Ci 37GBq 3-29-88	Activity Source Markings
7234LQ	Isotope Source Markings Markings: 7234LQ Al Am241 1 Ci 37GBq	Activity Source Markings
7318LX	Isotope Source Markings Markings: 7318LX Al Am241 100mCi 16-6-94	Activity Source Markings
7503LA	Isotope Source Markings Markings: 7503LA Al Am241 300mCi 16-6-94	Activity Source Markings
8248LQ	Isotope Source Markings Markings: 8248LQ Al Am241 300mCi	Activity Source Markings
8424LQ	Isotope Source Markings Markings: 8424LQ Al Am241 100mCi	Activity Source Markings
8427LQ	Isotope Source Markings Markings: 8427LQ Al Am241 100mCi	Activity Source Markings
8564LQ	Source Certificate Markings: 8564LQ Record Numbers: 04905	
AM1021	Isotope Source Markings Markings: AM1021 Am241 3000mCi 7/84 Amersham AMCQ6785	Activity Source Markings

AM1554

Isotope
Source Markings
Markings: AM1554 MRC Am241 500mCi 8/81 Mod 2409

Activity
Source Markings

AM934

Isotope
Source Markings
Markings: AM934 MRC Am241 1Ci 2/27/74 Model 2409

Activity
Source Markings

AM993

Isotope
Source Markings
Markings: AM993 MRC Am241 1Ci 1/75

Activity
Source Markings

AM996

Isotope
Source Markings
Markings: AM996 MRC Am241 1Ci 1/75

Activity
Source Markings

C2551

Isotope
Source Markings
Markings: C2551 1000mCi Am241 TRC
Comments: Amersham

Activity
Source Markings

C2565

Isotope
Source Markings
Markings: C2565 1000mCi Am241 TRC
Comments: Amersham

Activity
Source Markings

C2571

Isotope
Source Markings
Markings: C2571 1000mCi Am241 TRC
Comments: Amersham

Activity
Source Markings

C2572

Isotope
Source Markings
Markings: C2572 1000mCi Am241 TRC
Comments: Amersham

Activity
Source Markings

CAA20047

Isotope
Source Markings
Markings: CAA20047 Al Am241Be 40mCi 1.48GBq

Activity
Source Markings

Source Serial No. **LA00000067569**

0086CW

Isotope
Source Markings
Markings: 0086CW Am241 2.96GBq 6-FEB-01
Comments: 2.96GBq = 0.08Ci

Activity
Source Markings

0131CW

Isotope
Source Markings
Markings: Am241 0.93GBq 11/7/00
Comments: 0.93GBq = 0.025Ci

Activity
Source Markings

033/02

Isotope
Source Markings
Markings: 033/02 Am241 0.925GBq 9/17/02
Comments: 0.925GBq = 0.025Ci

Activity
Source Markings

11822

Isotope
Source Markings
Markings: 11822 Am241 2.96GBq 4/11/02
Comments: 2.96GBq = 0.08Ci

Activity
Source Markings

12073

Isotope
Source Markings
Markings: 12073 Am241 0.93GBq 10/13/1998
Comments: 0.93GBq = 0.025Ci

Activity
Source Markings

13050

Isotope
Source Markings
Markings: 13050 Am241 5.55GBq 7/18/2002
Comments: 5.55GBq = 0.15Ci

Activity
Source Markings

1569LQ

Isotope
Source Markings
Markings: 1569LQ Am241 2.96GBq 9/11/1995
Comments: 2.96GBq = 0.08Ci

Activity
Source Markings

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067568					
II-1-688					
	Qal-Tek Associates	0146LX	241Am	0.01	0.03
	Qal-Tek Associates	0737CW	241Am	0.29	1.00
	Qal-Tek Associates	0738CW	241Am	0.29	1.00
	Qal-Tek Associates	1505LA	241Am	0.01	0.03
	Qal-Tek Associates	1973LQ	241Am	0.29	1.00
	Qal-Tek Associates	2390LA	241Am	0.29	1.00
	Qal-Tek Associates	4031LA	241Am	0.29	1.00
	Qal-Tek Associates	5224LA	241Am	0.29	1.00
	Qal-Tek Associates	5685LA	241Am	0.29	1.00
	Qal-Tek Associates	5745LQ	241Am	0.29	1.00
	Qal-Tek Associates	5748LQ	241Am	0.29	1.00
	Qal-Tek Associates	6150LV	241Am	0.29	1.00
	Qal-Tek Associates	6317LV	241Am	0.29	1.00
	Qal-Tek Associates	6322LV	241Am	0.29	1.00
	Qal-Tek Associates	6323LV	241Am	0.29	1.00
	Qal-Tek Associates	6324LV	241Am	0.29	1.00
	Qal-Tek Associates	6325LV	241Am	0.29	1.00
	Qal-Tek Associates	6792LV	241Am	0.29	1.00
	Qal-Tek Associates	7234LQ	241Am	0.29	1.00
	Qal-Tek Associates	7318LX	241Am	0.03	0.10
	Qal-Tek Associates	7503LA	241Am	0.09	0.30
	Qal-Tek Associates	8248LQ	241Am	0.09	0.30
	Qal-Tek Associates	8424LQ	241Am	0.03	0.10
	Qal-Tek Associates	8427LQ	241Am	0.03	0.10
	Qal-Tek Associates	8564LQ	241Am	0.01	0.03
	Qal-Tek Associates	AM1021	241Am	0.86	3.00
	Qal-Tek Associates	AM1554	241Am	0.14	0.50
	Qal-Tek Associates	AM934	241Am	0.29	1.00
	Qal-Tek Associates	AM993	241Am	0.29	1.00
	Qal-Tek Associates	AM996	241Am	0.29	1.00
	Qal-Tek Associates	C2551	241Am	0.29	1.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Qal-Tek Associates	C2565	241Am	0.29	1.00
	Qal-Tek Associates	C2571	241Am	0.29	1.00
	Qal-Tek Associates	C2572	241Am	0.29	1.00
	Qal-Tek Associates	CAA20047	241Am/Be	0.01	0.04
Total Sources in SFCII-1-688 (35 sources)					
Sum				***8.22***	***28.52***
Total Sources in SFCs in LA00000067568 (35 sources)					
Sum				***8.22***	***28.52***
LA00000067569					
II-1-689					
	Qal-Tek Associates	0086CW	241Am	0.02	0.08
	Qal-Tek Associates	0131CW	241Am	0.01	0.03
	Qal-Tek Associates	033/02	241Am	0.01	0.03
	Qal-Tek Associates	11822	241Am	0.02	0.08
	Qal-Tek Associates	12073	241Am	0.01	0.03
	Qal-Tek Associates	13050	241Am	0.04	0.15
	Qal-Tek Associates	1569LQ	241Am	0.02	0.08
	Qal-Tek Associates	1586	241Am	0.04	0.15
	Qal-Tek Associates	3207LQ	241Am	0.02	0.08
	Qal-Tek Associates	3258LQ	241Am	0.02	0.08
	Qal-Tek Associates	3395LQ	241Am	0.02	0.08
	Qal-Tek Associates	3674LQ	241Am	0.29	1.00
	Qal-Tek Associates	4755	241Am	0.04	0.15
	Qal-Tek Associates	4757	241Am	0.04	0.15
	Qal-Tek Associates	4821	241Am	0.02	0.08
	Qal-Tek Associates	5330LQ	241Am	0.02	0.08
	Qal-Tek Associates	5342LQ	241Am	0.02	0.08
	Qal-Tek Associates	5825LQ	241Am	0.02	0.08
	Qal-Tek Associates	6643LQ	241Am	0.01	0.03
	Qal-Tek Associates	6671LQ	241Am	0.01	0.03
	Qal-Tek Associates	6793LV	241Am	0.29	1.00
	Qal-Tek Associates	7164LQ	241Am	0.02	0.08
	Qal-Tek Associates	7233LQ	241Am	0.29	1.00
	Qal-Tek Associates	7413NE	241Am/Be	0.03	0.10
	Qal-Tek Associates	7767NK	241Am/Be	0.03	0.10
	Qal-Tek Associates	7840LQ	241Am	0.01	0.03
	Qal-Tek Associates	7859LQ	241Am	0.01	0.03
	Qal-Tek Associates	7909LQ	241Am	0.01	0.03

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 08/05/14 — No. of Samples: 65

TA: Qal-Tek, Idaho Falls — Rm: n/a

RCT: Adrian F. Sanchez — Z Number: 188909

RCT Signature: _____ — MS: _____

Phone: 4-0200 — Fax: n/a

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: Qal-Tek, Idaho Falls, ID

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a — Incident No.: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13658	1/9/2015	0.3640	1	4.12	21.95
Beta S43-10-1	13658	1/9/2015	0.3620	1	225	150.44
Shp 270	13184	10/11/2014	N/A	1	<0.1	~0.1mR/hr
SNRD	13133	4/8/2015	N/A	1	<0.1	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☑ MEARS COUNTED IN FIELD

FIELD SMEAR COUNTER MDA (dpm)

alpha: 14.80

beta: 85.70

RP-1 REVIEW BY

SAMPLE TRACKING NUMBER

29161284

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Vice	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Work Table	NDA	197.3	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Work Table	NDA	60	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Floor	NDA	166.9	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	8 Ft. Table	31.6	151.2	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	8 Ft. Table	5.56	148.5	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	8 Ft. Table	68.8	385	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	RCT Table	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	RCT Table	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	RCT Table	1.4	253	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	LA67569 Drum Top	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	LA67559 Drum Ring	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	LA67569 Drum Seam	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	LA67569 Drum Opposite Side	2.81	91.8	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	LA67568 Drum Top	NDA	75.2	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29161284

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	LA67568 Drum Ring	NDA	84.9	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	LA67568 Drum Seam	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	LA67568 Drum Opposite Side	2.81	43.4	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	Scale	NDA	73.8	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Am241 Sources	31.6	120.8	14.4	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	Am241 Sources	57.8	25.4	44.7	9.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Pig Container	8.31	53.1	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Green Can Containing Sources	NDA	14.4	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	Am241 Sources	NDA	90.4	7.6	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Am241 Sources	121	73.8	142.8	10.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	SFC II-1-688	NDA	NDA	NDA	NDA	N/A	17.0	15.0	N/A	N/A	N/A	N/A
27	SFC II-1-688	NDA	147	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	AmBe Sources	NDA	NDA	7.3	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Source Container	1.4	76.6	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	AmBe Sources	8.31	100.5	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	22613 Bag	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	13231 Bag	NDA	73.8	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	LA67568 Drum Top	NDA	191.8	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	LA67568 Drum Ring	2.81	36.5	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	LA67568 Drum Seam	2.81	57.2	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	LA67568 Drum Opposite Side	NDA	NDA	NDA	NDA	N/A	0.5	0.4	N/A	N/A	0.3	0.2
37	LA67568Drum Bottom	NDA	115.3	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Am241Sources	NDA	NDA	9.8	8.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	Am241Sources	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Am241Sources	16.56	212	7.8	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*dpm/100 cm²

Other Information

Drum number LA00000067568 and LA00000067569 of BDR LA14-OSR-VE-015 and LA14-OSR-CH-015: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc). This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list. How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
5) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000067568	LA-UR-15-21783	M328
LA00000067569	LA-UR-15-21783	M328

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01098
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: May 20, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF OFF SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT DATA GENERATION LEVEL REVIEW: LOS ALAMOS NATIONAL LABORATORY FIRST QUARTER 2015

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01077 was issued April 22, 2015. This memorandum identified Waste Container LA00000067568 from Batch Data Report (BDR) LA14-OSR-VE-015, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the first calendar quarter of 2015.

The mini-BDR containing waste container LA00000067568 was reviewed for the quarterly repeat on May 13, 2015. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 10-02-15 cl

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01078
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: April 22, 2015

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons ED — LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: REQUEST FOR FIRST QUARTER 2015 (JANUARY 1, 2015 THROUGH MARCH 31, 2015) VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Data Generation Review of Visual Examination (VE) was conducted at the Los Alamos National Laboratory (LANL) during the 90 days of reporting from January 1, 2015 through March 31, 2015. Therefore, the requirement to complete a quarterly review is required. Container number 67452, Batch Data Report (BDR) LAVE030012, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification*.

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the VE quarterly repeat of DGL review, validation and verification and return the information by May 11, 2015 to the Central Characterization Project Records Department, naming the BDR as "LAVE030012QTR."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: NWP

(without attachment)
A. D. Chavarria ED
M. F. Ramirez ED
M. L. Sensibaugh ED
C. Soaterna ED

LANL

(with attachment)
T. Mojica ED
CCP Records Custodian GSA-212

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL
DATE REC'D 4/30/15 JY

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE030012

mR 3/18/15	
☒ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 3/11/15	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☒ N/A	☐ SAT
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 033138 Calibration Due Date: 10/15/15 Operational Check: ☒ SAT ☐ UNSAT
Comments: The VEE has determined not to use the VE scale.	

Visual Examination Operator 1:		
Peter Robida	[signature]	3/11/15
Print Name	Signature	Date
Visual Examination Operator 2:		
Loretta Ortega	[signature]	3/11/15
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE030012

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: ~~N/A~~ ANR 3/12/15 67432		
Output Waste Container ID: 67452	Waste Stream ID: LA-MH003.001	
Container Type: 55gallon Drum	TRUCON Code: LA22.5	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 28.7 kg.	Gross Wt: 52.5 kg.	
Rigid Liner Present? ☒ NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☒ NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☒ N/A ☐ Vented: Hole Size: ☒ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☐ NO ☒ YES	Volume Utilization Percentage: 80 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: T+F Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 033641 Calibration Due Date: 5/30/15 Filter: Model No.: NUCFIL-0190S Serial No.: FN-118 Torque Value: 10ft/lbs	Lid Ring/Bolt Torque Wrench Serial/ID No.: 033641 Calibration Due Date: 5/30/15 Lid Ring/Bolt Torque Value: 60ft/lbs	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: Drum 67432/LAVE030001 was repacked into Drum 67452/LAVE030012. Waste was neither added nor removed from this container. Reason for the repack was due to Host Site reconciling PO lot number not approved for this drum. Drum 67432 was never entered into AKTGS.		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE030012 **Date:** 3/11/15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.*]	Weighing Code(s) [Table 4*]
BBP-19	30gallon Drum (no lid)	IM	12.0	E
BBP-19	Fiberboard Liner (no lid)	C	1.9	E
BBP-19	Large metal pieces, small metal pieces and fragments.	IM	7.5	E
BBP-19	Small plastic bags, vinyl tape and stub outs.	PW	2.3	E
BBP-19	Cardboard tape roll	C	0.1	E
	PMR 3/11/15 N/A			

N/A — VEO 1: Print Name
N/A — Signature
N/A — Date
N/A — VEO 2: Print Name
N/A — Signature
N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67452

TID Removed: ~~LANL-030548~~ 030548 PMR 3/18/15 **TID Applied:** LANL027374

N/A — VEO 1: Print Name
N/A — Signature
N/A — Date
N/A — VEO 2: Print Name
N/A — Signature
N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE030012

Output Waste Container ID: 67452

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.5 *
Plastics (PP):	1.2
Others:	N/A
Total Packaging Weight:	28.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	19.5
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	2.0
Rubber (R):	N/A
Plastics (waste materials) (PW):	2.3
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	23.8

* The nominal packaging steel weight has been decreased by 0.2 kilograms. This decrease in weight is within the manufacturer's specifications and within tolerance certified by CCP. PMR 3/12/15

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE030012 **Output Waste Container ID:** 67452

	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE0300/2 **Output Waste Container ID:** 67452

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered 'YES' will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: Peter Robida (Print Name)	(Signature)	3/11/15 (Date)
Visual Examination Operator 2: Loretta Ortega (Print Name)	Loretta Ortega (Signature)	3/11/15 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE030001 Date: 9/8/14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.1]	Weighing Code(s) [Table 4.1]
BBP-19	30gallon Drum (no lid)	IM	12.0	E
BBP-19	Fiberboard Liner (no lid)	C	1.9	E
BBP-19	Large metal pieces, small metal pieces and fragments.	IM	7.5	E
BBP-19	Small plastic bag, vinyl tape and stub outs	PW	2.3	E
BBP-19	Cardboard tape roll	C	0.1	E
	N/A 9/8/14 PMR			

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67432

TID Removed: N/A **TID Applied:** LANL030548

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

PMR 3/12/15

~~05~~

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE030001 **Output Waste Container ID:** 67432

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: Peter Robida Print Name	Signature	9/8/14 Date
Visual Examination Operator 2: David Potter Print Name	Signature	9/8/14 Date

PMR 3/12/15
~~08~~

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01097
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: May 20, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF VISUAL EXAMINATION QUARTERLY REPEAT DATA GENERATION LEVEL REVIEW: LOS ALAMOS NATIONAL LABORATORY FIRST QUARTER 2015

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01078 was issued April 22, 2015. This memorandum identified Waste Container 67452 from Batch Data Report (BDR) LAVE030012, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the first calendar quarter of 2015.

The mini-BDR containing waste container 67452 was reviewed for the quarterly repeat on May 19, 2015. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:jmc

cc: W. W. Cameron ED
A. D. Chavarria ED
T. M. Mojica ED
M. F. Ramirez ED
M. L. Sensibaugh ED
CCP Records Custodian GSA-212

CCP RECORDS ORIGINAL
DATE REC'D 10-02-15 QA

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01135
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: July 27, 2015

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: CORRECTED: REQUEST FOR SECOND QUARTER 2015 (APRIL 1, 2015 THROUGH JUNE 30, 2015) OFF-SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Data Generation Review of Off-Site Source Recovery Project Visual Examination (OSRP-VE) was conducted at the Los Alamos National Laboratory (LANL) during the 91 days of reporting from April 1, 2015 through June 30, 2015. Therefore, the requirement to complete a quarterly review is required. Container number LA00000067527, Batch Data Report (BDR) LA15-OSR-VE-003, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification.*

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the OSRP-VE quarterly repeat of DGL review, validation and verification and return the information by August 20, 2015 to the Central Characterization Project Records Department, naming the BDR as "LA15-OSR-VE-003QTR2."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG/lcg

cc: (without attachment)		(with attachment)	
A. D. Chavarria	ED	I. Witkowski	ED
M. Ramirez	ED	J. Griffin	ED
R. Reeves	ED	CCP Records Custodian	GSA-212
C. Soaterna	ED		

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL

DATE REC'D 7.29.15

Attachment 4 – Container Packaging and Visual Examination Data Record
ad 3/24/15

BDR # LA/15-OSR-VE-003 Page 1 of 3

Container Identifier	LA000000617527
Printed name of VE Packager	Adam Martinez
Printed name of VE Recorder	Michael Fanning

1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ✓ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)	
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-55 • Drum lid filter manufacture date: 3/02 • POC lid filter model: LT9400 • POC lid filter serial number: 025447 • POC lid filter manufacture date: JAN. 2003	
3	Verify based on VE:	Verified
	• The item(s) meet a sealed source regulatory definition.	Yes☑ No☐
	• The outer casing is made of non-VOC bearing material, as the sources are placed in the container	Yes☑ No☐
	• That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size.	Yes☑ No☐
	• That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK.	Yes☑ No☐
	• That there are no non-packaging items placed in the container other than the source(s).	Yes☑ No☐
	• Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources*	Yes☑ No☐
	• If POC lid and body have visible serial numbers, ensure the serial numbers match	Yes☑ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100	
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 037368 • Calibration due date of torque wrench 09/17/15	
6	Closure Ring Torque • Drum ring bolts tightened to 55 ft-lbs • Torque Wrench ID # 037368 • Calibration due date of torque wrench 09/17/15	

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-003 Page 2 of 3

Container Identifier LA000000067527

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (If any)
1	241AmBe, SFCII-1-601	OM	6898	NONE
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	

Total estimated weight (kg) for each WMP listed for above items.	6.9 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☒ None ☐ kg	Description: N/A	WMP: N/A
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2 kg		
Total estimated weight (kg) for loaded container.	226.1 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-003 Page 3 of 3

Container Identifier LA0000067527

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☑	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☑	2. Non-radionuclide pyrophoric material.
☐	☑	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☑	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☑	5. Explosives.
☐	☑	6. Compressed gas or potentially pressurized containers.
☐	☑	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☑	8. Wastes exhibiting the characteristic of ignitability.
☐	☑	9. Wastes exhibiting the characteristic of reactivity.
☐	☑	10. Wastes exhibiting the characteristic of corrosivity.
☐	☑	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☑	12. Inadequately blocked or braced sharp or heavy items.
☐	☑	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There are 0 layers of Confinement

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

ADAM MARTINEZ — Printed Name VE Packager — Signature — 2-10-15 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Fenning — Printed Name VE Recorder — Signature — 2-10-15 Date

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Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component		Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No.	LA00000067527	
AM7729	Isotope Source Markings Markings: AM7729 Al Am241/Be 300 mCi	Activity Source Markings
AM7731	Isotope Source Markings Markings: AM7731 Al Am241/Be 300 mCi	Activity Source Markings
AM7754	Isotope Source Markings Markings: AM7754 Al Am241/Be 300 mCi	Activity Source Markings
AM8083	Isotope Source Markings Markings: AM8083 Al Am241/Be 100 mCi	Activity Source Markings
AM8213	Isotope Source Markings Markings: AM8213 Al Am241/Be 100 mCi	Activity Source Markings
AM8334	Isotope Source Markings Markings: AM8334 Al Am241/Be 100 mCi	Activity Source Markings
AM8870	Isotope Source Markings Markings: AM8870 Al Am241/Be 100 mCi	Activity Source Markings
AM8904	Isotope Source Markings Markings: AM8904 Al Am241/Be 100 mCi	Activity Source Markings

AM8923

Isotope
Source Markings
Markings: AM8923 Al Am241/Be 100 mCi

Activity
Source Markings

AM8928

Isotope
Source Markings
Markings: AM8928 Al Am241/Be 100 mCi

Activity
Source Markings

AM8947

Isotope
Source Markings
Markings: AM8947 Al Am241/Be 100 mCi

Activity
Source Markings

AM8964

Isotope
Source Markings
Markings: AM8964 Al Am241/Be 100 mCi

Activity
Source Markings

AM9014

Isotope
Source Markings
Markings: AM9014 Al Am241/Be 100 mCi

Activity
Source Markings

AM9027

Isotope
Source Markings
Markings: AM9027 Al Am241/Be 100 mCi

Activity
Source Markings

AM9089

Isotope
Source Markings
Markings: AM9089 Al Am241/Be 100 mCi

Activity
Source Markings

AM9142

Isotope
Source Markings
Markings: AM9142 Al Am241/Be 100 mCi

Activity
Source Markings

AM9202

Isotope
Source Markings
Markings: AM9202 Al Am241/Be 100 mCi

Activity
Source Markings

AM9204

Isotope
Source Markings
Markings: AM9204 Al Am241/Be 100 mCi

Activity
Source Markings

AM9205

Isotope
Source Markings
Markings: AM9205 Al Am241/Be 100 mCi

Activity
Source Markings

AM9230

Isotope
Source Markings
Markings: AM9230 Al Am241/Be 100 mCi

Activity
Source Markings

AM9234

Isotope
Source Markings
Markings: AM9234 Al Am241/Be 100 mCi

Activity
Source Markings

AM9253

Isotope
Source Markings
Markings: AM9253 Al Am241/Be 100 mCi

Activity
Source Markings

AM9254

Isotope
Source Markings
Markings: AM9254 Al Am241/Be 100 mCi

Activity
Source Markings

AM9288

Isotope
Source Markings
Markings: AM9288 Al Am241/Be 100 mCi

Activity
Source Markings

AM9289

Isotope
Source Markings
Markings: AM9289 Al Am241/Be 100 mCi

Activity
Source Markings

AM9308

Isotope
Source Markings
Markings: AM9308 Al Am241/Be 100 mCi

Activity
Source Markings

AM9318

Isotope
Source Markings
Markings: AM9318 Al Am241/Be 100 mCi

Activity
Source Markings

AM9404

Isotope
Source Markings
Markings: AM9404 Al Am241/Be 100 mCi

Activity
Source Markings

AM9408

Isotope
Source Markings
Markings: AM9408 Al Am241/Be 100 mCi

Activity
Source Markings

AM9422

Isotope
Source Markings
Markings: AM9422 Al Am241/Be 100 mCi

Activity
Source Markings

AM9430

Isotope
Source Markings
Markings: AM9430 Al Am241/Be 100 mCi

Activity
Source Markings

AM9523

Isotope
Source Markings
Markings: AM9523 Al Am241/Be 100 mCi

Activity
Source Markings

AM9549

Isotope
Source Markings
Markings: AM9549 Al Am241/Be 100 mCi

Activity
Source Markings

AM9553

Isotope
Source Markings
Markings: AM9553 Al Am241/Be 100 mCi

Activity
Source Markings

AM9565

Isotope
Source Markings
Markings: AM9565 Al Am241/Be 100 mCi

Activity
Source Markings

AM9700	Isotope Source Markings Markings: AM9700 Al Am241/Be 100 mCi	Activity Source Markings
AM9755	Isotope Source Markings Markings: AM9755 Al Am241/Be 100 mCi	Activity Source Markings
CAA10042	Isotope Source Markings Markings: CAA10042 Al Am241/Be 40 mCi	Activity Source Markings
CAA10197	Isotope Source Markings Markings: CAA10197 Al Am241/Be 40 mCi	Activity Source Markings
CAA10232	Isotope Source Markings Markings: CAA10232 Al Am241/Be 40 mCi	Activity Source Markings
CAA10696	Isotope Source Markings Markings: CAA10696 Al Am241/Be 40 mCi	Activity Source Markings
CAA10700	Isotope Source Markings Markings: CAA10700 Al Am241/Be 40 mCi	Activity Source Markings
CAA108	Isotope Source Markings Markings: CAA108 TRC LTD Am241/Be 40 mCi	Activity Source Markings
CAA10823	Isotope Source Markings Markings: CAA10823 Al Am241/Be 40 mCi	Activity Source Markings

CAA10833

Isotope
Source Markings
Markings: CAA10833 Al Am241/Be 40 mCi

Activity
Source Markings

CAA10877

Isotope
Source Markings
Markings: CAA10877 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11037

Isotope
Source Markings
Markings: CAA11037 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11159

Isotope
Source Markings
Markings: CAA11159 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11233

Isotope
Source Markings
Markings: CAA11233 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11376

Isotope
Source Markings
Markings: CAA11376 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11444

Isotope
Source Markings
Markings: CAA11444 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11560

Isotope
Source Markings
Markings: CAA11560 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11804

Isotope
Source Markings
Markings: CAA11804 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11924	Isotope Source Markings Markings: CAA11924 Al Am241/Be 40 mCi	Activity Source Markings
CAA11994	Isotope Source Markings Markings: CAA11994 Al Am241/Be 40 mCi	Activity Source Markings
CAA12317	Isotope Source Markings Markings: CAA12317 Al Am241/Be 40 mCi	Activity Source Markings
CAA12461	Isotope Source Markings Markings: CAA12461 Al Am241/Be 40 mCi	Activity Source Markings
CAA12629	Isotope Source Markings Markings: CAA12629 Al Am241/Be 40 mCi	Activity Source Markings
CAA12632	Isotope Source Markings Markings: CAA12632 Al Am241/Be 40 mCi	Activity Source Markings
CAA12634	Isotope Source Markings Markings: CAA12634 Al Am241/Be 40 mCi	Activity Source Markings
CAA12740	Isotope Source Markings Markings: CAA12740 Al Am241/Be 40 mCi	Activity Source Markings
CAA12756	Isotope Source Markings Markings: CAA12756 Al Am241/Be 40 mCi	Activity Source Markings

CAA12780	Isotope Source Markings Markings: CAA12780 Al Am241/Be 40 mCi	Activity Source Markings
CAA12892	Isotope Source Markings Markings: CAA12892 Al Am241/Be 40 mCi	Activity Source Markings
CAA1293	Isotope Source Markings Markings: CAA1293 TRC Am241/Be 40 mCi 0966NE	Activity Source Markings
CAA1361	Isotope Source Markings Markings: CAA1361 TRC Am241/Be 40 mCi 1034NE	Activity Source Markings
CAA1386	Isotope Source Markings Markings: CAA1386 TRC Am241/Be 40 mCi 1059NE	Activity Source Markings
CAA1751	Isotope Source Markings Markings: CAA1751 TRC Am241/Be 40 mCi 1424NE	Activity Source Markings
CAA2050	Isotope Source Markings Markings: CAA2050 TRC Am241/Be 40 mCi 1723NE	Activity Source Markings
CAA2051	Isotope Source Markings Markings: CAA2051 TRC Am241/Be 40 mCi 1724NE	Activity Source Markings
CAA2059	Isotope Source Markings Markings: CAA2059 TRC Am241/Be 40 mCi 1732NE	Activity Source Markings

CAA2109

Isotope
Source Markings
Markings: CAA2109 TRC Am241/Be 40 mCi

Activity
Source Markings

CAA2246

Isotope
Source Markings
Markings: CAA2246 TRC Am241/Be 40 mCi 1919NE

Activity
Source Markings

CAA2683

Isotope
Source Markings
Markings: CAA2683 TRC Am241/Be 40 mCi 2718NE

Activity
Source Markings

CAA2724

Isotope
Source Markings
Markings: CAA2724 TRC Am241/Be 40 mCi 2759NE

Activity
Source Markings

CAA3231

Isotope
Source Markings
Markings: CAA3231 TRC Am241/Be 40 mCi 3266NE

Activity
Source Markings

CAA3292

Isotope
Source Markings
Markings: CAA3292 TRC Am241/Be 40 mCi 3327NE

Activity
Source Markings

CAA3327

Isotope
Source Markings
Markings: CAA3327 TRC Am241/Be 40 mCi 3362NE

Activity
Source Markings

CAA3421

Isotope
Source Markings
Markings: CAA3421 TRC Am241/Be 40 mCi 3456NE

Activity
Source Markings

CAA3499

Isotope
Source Markings
Markings: CAA3499 TRC Am241/Be 40 mCi 3534NE

Activity
Source Markings

CAA3505	Isotope Source Markings	Activity Source Markings
	Markings: CAA3505 TRC Am241/Be 40 mCi 3540NE	
CAA3528	Isotope Source Markings	Activity Source Markings
	Markings: CAA3528 TRC Am241/Be 40 mCi 3563NE	
CAA3697	Isotope Source Markings	Activity Source Markings
	Markings: CAA3697 TRC Am241/Be 40 mCi 3732NE	
CAA3936	Isotope Source Markings	Activity Source Markings
	Markings: CAA3936 TRC Am241/Be 40 mCi	
CAA4587	Isotope Source Markings	Activity Source Markings
	Markings: CAA4587 TRC Am241/Be 40 mCi	
CAA4898	Isotope Source Markings	Activity Source Markings
	Markings: CAA4898 TRC Am241/Be 40 mCi	
CAA4927	Isotope Source Markings	Activity Source Markings
	Markings: CAA4927 TRC Am241/Be 40 mCi	
CAA4931	Isotope Source Markings	Activity Source Markings
	Markings: CAA4931 TRC Am241/Be 40 mCi	
CAA4982	Isotope Source Markings	Activity Source Markings
	Markings: CAA4982 Al Am241/Be 40 mCi	

CAA5375	Isotope Source Markings Markings: CAA5375 Al Am241/Be 40 mCi	Activity Source Markings
CAA5410	Isotope Source Markings Markings: CAA5410 Al Am241/Be 40 mCi	Activity Source Markings
CAA5414	Isotope Source Markings Markings: CAA5414 Al Am241/Be 40 mCi	Activity Source Markings
CAA5497	Isotope Source Markings Markings: CAA5497 Al Am241/Be 40 mCi	Activity Source Markings
CAA5650	Isotope Source Markings Markings: CAA5650 Al Am241/Be 40 mCi	Activity Source Markings
CAA5849	Isotope Source Markings Markings: CAA5849 Al Am241/Be 40 mCi	Activity Source Markings
CAA5915	Isotope Source Markings Markings: CAA5915 Al Am241/Be 40 mCi	Activity Source Markings
CAA6089	Isotope Source Markings Markings: CAA6089 Al Am241/Be 40 mCi	Activity Source Markings
CAA6127	Isotope Source Markings Markings: CAA6127 Al Am241/Be 40 mCi	Activity Source Markings

CAA6364

Isotope
Source Markings
Markings: CAA6364 Al Am241/Be 40 mCi

Activity
Source Markings

CAA6551

Isotope
Source Markings
Markings: CAA6551 Al Am241/Be 40 mCi

Activity
Source Markings

CAA6625

Isotope
Source Markings
Markings: CAA6625 Al Am241/Be 40 mCi

Activity
Source Markings

CAA6735

Isotope
Source Markings
Markings: CAA6735 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7364

Isotope
Source Markings
Markings: CAA7364 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7366

Isotope
Source Markings
Markings: CAA7366 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7372

Isotope
Source Markings
Markings: CAA7372 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7373

Isotope
Source Markings
Markings: CAA7373 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7470

Isotope
Source Markings
Markings: CAA7470 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7575

Isotope
Source Markings
Markings: CAA7575 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7576

Isotope
Source Markings
Markings: CAA7576 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7616

Isotope
Source Markings
Markings: CAA7616 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7756

Isotope
Source Markings
Markings: CAA7756 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7757

Isotope
Source Markings
Markings: CAA7757 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7783

Isotope
Source Markings
Markings: CAA7783 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7909

Isotope
Source Markings
Markings: CAA7909 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7910

Isotope
Source Markings
Markings: CAA7910 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7974

Isotope
Source Markings
Markings: CAA7974 Al Am241/Be 40 mCi

Activity
Source Markings

CAA8244	Isotope Source Markings Markings: CAA8244 Al Am241/Be 40 mCi	Activity Source Markings
CAA8392	Isotope Source Markings Markings: CAA8392 Al Am241/Be 40 mCi	Activity Source Markings
CAA8535	Isotope Source Markings Markings: CAA8535 Al Am241/Be 40 mCi	Activity Source Markings
CAA8545	Isotope Source Markings Markings: CAA8545 Al Am241/Be 40 mCi	Activity Source Markings
CAA8548	Isotope Source Markings Markings: CAA8548 Al Am241/Be 40 mCi	Activity Source Markings
CAA8549	Isotope Source Markings Markings: CAA8549 Al Am241/Be 40 mCi	Activity Source Markings
CAA858	Isotope Source Markings Markings: CAA858 TRC Am241/Be 40 mCi 0242NE	Activity Source Markings
CAA8720	Isotope Source Markings Markings: CAA8720 Al Am241/Be 40 mCi ,	Activity Source Markings
CAA8869	Isotope Source Markings Markings: CAA8869 Al Am241/Be 40 mCi	Activity Source Markings

CAA9078	Isotope Source Markings Markings: CAA9078 Al Am241/Be 40 mCi	Activity Source Markings
CAA9224	Isotope Source Markings Markings: CAA9224 Al Am241/Be 40 mCi	Activity Source Markings
CAA9269	Isotope Source Markings Markings: CAA9269 Al Am241/Be 40 mCi	Activity Source Markings
CAA9320	Isotope Source Markings Markings: CAA9320 Al Am241/Be 40 mCi	Activity Source Markings
CAA939	Isotope Source Markings Markings: CAA939 TRC Am241/Be 40 mCi 0323NE	Activity Source Markings
CAA9783	Isotope Source Markings Markings: CAA9783 Al Am241/Be 40 mCi	Activity Source Markings
CAA9784	Isotope Source Markings Markings: CAA9784 Al Am241/Be 40 mCi	Activity Source Markings
T1037	Shipping Record Markings: T1037 MRC AmBe Record Numbers: 00777	
T1187	Shipping Record Markings: T1187 AmBe Record Numbers: 00777	

T1527	Shipping Record Markings: T1527 AmBe Record Numbers: 00777
T1770	Shipping Record Markings: T1770 MRC AmBe Record Numbers: 00777
T1787	Shipping Record Markings: T1787 MRC AmBe Record Numbers: 00777
T1953	Shipping Record Markings: T1953 MRC AmBe Record Numbers: 00777
T2015	Shipping Record Markings: T2015 MRC AmBe Record Numbers: 00777
T2049	Shipping Record Markings: T2049 MRC AmBe Record Numbers: 00777
T2061	Shipping Record Markings: T2061 MRC AmBe Record Numbers: 00777

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067527					
II-1-601					
	Troxler Electronic Laboratories	AM7729	241Am/Be	0.09	0.30
	Troxler Electronic Laboratories	AM7731	241Am/Be	0.09	0.30
	Troxler Electronic Laboratories	AM7754	241Am/Be	0.09	0.30
	Troxler Electronic Laboratories	AM8083	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8213	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8334	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8870	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8904	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8923	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8928	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8947	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8964	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9014	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9027	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9089	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9142	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9202	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9204	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9205	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9230	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9234	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9253	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9254	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9288	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9289	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9308	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9318	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9404	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9408	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9422	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9430	241Am/Be	0.03	0.10

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	AM9523	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9549	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9553	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9565	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9700	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9755	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	CAA10042	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10197	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10232	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10696	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10700	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA108	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10823	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10833	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10877	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11037	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11159	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11233	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11376	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11444	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11560	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11804	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11924	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11994	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12317	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12461	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12629	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12632	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12634	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12740	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12756	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12780	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12892	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1293	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1361	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1386	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1751	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2050	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2051	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA2059	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2109	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2246	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2683	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2724	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3231	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3292	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3327	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3421	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3499	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3505	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3528	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3697	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3936	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4587	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4898	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4927	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4931	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4982	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5375	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5410	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5414	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5497	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5650	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5849	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5915	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6089	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6127	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6364	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6551	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6625	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6735	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7364	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7366	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7372	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7373	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7470	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7575	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7576	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA7616	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7756	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7757	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7783	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7909	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7910	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7974	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8244	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8392	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8535	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8545	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8548	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8549	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA858	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8720	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8869	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9078	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9224	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9269	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9320	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA939	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9783	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9784	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1037	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1187	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1527	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1770	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1787	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1953	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T2015	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T2049	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T2061	241Am/Be	0.01	0.04
Total Sources in SFCII-1-601 (141 sources)					
Sum				***2.44***	***8.46***
Total Sources in SFCs in LA00000067527 (141 sources)					
Sum				***2.44***	***8.46***
Grand Total				***2.44***	***8.46***

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 2/10/2015 -2/11/2015 No. of Samples: 68

TA: 0 Bldg: 0 Rm: 0

RCT: Anthony Lucero Z-Number: 214557

RCT Signature: MS: H815

Phone: 505-665-3912 Fax: 7-5195

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

■ Non-Routine / Other: North Carolina OSRP TRIP

ADDITIONAL INFORMATION

RWP No.: N/A

Work Request No.: N/A Incident No.: N/A

INSTRUMENTATION

TYPE		HSE No.	CAL Due	% EFF	CF or Detector Eff.	BKG	MDA
E-600		12062	7/17/15	N/A	N/A	N/A	N/A
943-10-1	Alpha	13858	4/15/16	38.7	N/A	4.7	18
943-10-1	Beta/Gamma	13858	4/15/16	32.9	N/A	272	100.0
E-600		12413	7/17/15	N/A	N/A	N/A	N/A
SHP 380AB		13798	5/11/15	N/A	N/A	A=5.4, B=3.09	A=45, B=487
SHP 270		13185	4/23/15	N/A	N/A	<0.1	N/A
SNRD		13133	4/8/2015	N/A	N/A	<0.25	N/A

FIELD SMEAR COUNTER MDA

alpha: 18

beta: 100

RP-1 REVIEW BY

Mark Boyles

SAMPLE TRACKING NUMBER

29147116/29147116

■ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs

Survey Point	Item / Area	Direct Survey Results		Smear Survey Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	+ neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
2	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
3	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
4	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
5	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
6	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
7	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
8	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
9	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
10	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
11	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
12	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
13	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
14	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
15	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-

*dpm/100 cm²

32

RP-1 RADIOLOGICAL SURVEY FORM

Survey Point	Item / Area	Direct Survey Results		Smear Survey Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*						
16	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
17	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
18	Am-241Be Sources	N/A	N/A	12.5	NDA	N/A	-	-	-	-	-	-
19	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
20	Am-241Be Sources	N/A	N/A	5.1	NDA	N/A	-	-	-	-	-	-
21	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
22	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
23	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
24	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
25	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
26	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
27	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
28	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
29	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
30	SFC II-1-601	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
31	Interior of Drum	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
32	Drum LA# 67527 w/SFC II-1-601 Top	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
33	Drum LA# 67527 w/SFC II-1-601 Rim	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
34	Drum LA# 67527 w/SFC II-1-601 Side	N/A	N/A	NDA	NDA	N/A	8.3	13	-	-	0.8	1.6
35	Drum LA# 67527 w/SFC II-1-601 Seam	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
36	Drum LA# 67527 w/SFC II-1-601 Bottom	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
37	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
38	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
39	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
40	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-

*dpm/100 cm²

Other Information

Drum number LA00000067527 of BDRs LA15-OSR-VE-003 and LA15-OSR-CH-003: one may find serial numbers or identify information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc). This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
6) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.
7) For Monsanto sources supplied to Troxler, the source number has a T prefix (standing for Troxler) but some of the source certificates for these sources do not include the prefix; for example T1187 is listed as 1187 on the source certificate.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Nuclear Waste Partnership LLC

An AECOM-led partnership with B&W and AREVA

CP:15:01145
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: August 12, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF OFF SITE SOURCE RECOVERY PROJECT VISUAL EXAMINATION QUARTERLY REPEAT DATA GENERATION LEVEL REVIEW: LOS ALAMOS NATIONAL LABORATORY SECOND QUARTER 2015

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01135 was issued July 27, 2015. This memorandum identified Waste Container LA00000067527 from Batch Data Report (BDR) LA15-OSR-VE-003, as the randomly selected container for DGL repeat of Off-Site Source Recovery Project Visual Examination at LANL for the second calendar quarter of 2015.

The mini-BDR containing waste container LA00000067527 was reviewed for the quarterly repeat on August 10, 2015. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:lcg

cc:	W. W. Cameron	ED
	A. D. Chavarria	ED
	R. P. Kantrowitz	ED
	T. M. Mojica	ED
	M. F. Ramirez	ED
	R. D. Reeves	ED
	CCP Records Custodian	GSA-212

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (575) 234-7200 • Fax: (575) 234-7083

CCP RECORDS ORIGINAL

DATE REC'D 8.25.15 JY.

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01136
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: July 27, 2015

FROM: T. Groover — LOCATION: Certification

TO: C. E. Simmons — LOCATION: Host Site Operations, Los Alamos National Laboratory

SUBJECT: REQUEST FOR SECOND QUARTER 2015 (APRIL 1, 2015 THROUGH JUNE 30, 2015) VISUAL EXAMINATION QUARTERLY REPEAT OF DATA GENERATION LEVEL REVIEW AT THE LOS ALAMOS NATIONAL LABORATORY

Data Generation Review of Visual Examination (VE) was conducted at the Los Alamos National Laboratory (LANL) during the 91 days of reporting from April 1, 2015 through June 30, 2015. Therefore, the requirement to complete a quarterly review is required. Container number 67877, Batch Data Report (BDR) LAVE550218, was randomly selected from among all drums processed through Data Generation Level (DGL) review, validation, and verification during this time frame. The container will be processed through the quarterly repeat of DGL Review as described in CCP-TP-001, *CCP Project Level Data Validation and Verification.*

Please assign available qualified personnel to serve as Independent Technical Reviewers in performing the review as well as preparing a Table of Contents. Not all containers included in the original BDR will be included in this review. Only the selected drum noted above must be reviewed along with any Quality Control information.

Please perform the VE quarterly repeat of DGL review, validation and verification and return the information by August 20, 2015 to the Central Characterization Project Records Department, naming the BDR as "LAVE550218QTR2."

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG/lcg

cc: (without attachment)		(with attachment)	
A. D. Chavarria	ED	T. Mojica	ED
M. Ramirez	ED	CCP Records Custodian	GSA-212
R. Reeves	ED		
C. Soaterna	ED		

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COPY

CCP RECORDS ORIGINAL
DATE REC'D 7.29.15

Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01147
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: August 12, 2015

FROM: T. Groover tgroover LOCATION: Certification

TO: C. E. Simmons LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: RESULTS OF VISUAL EXAMINATION QUARTERLY REPEAT DATA GENERATION LEVEL REVIEW: LOS ALAMOS NATIONAL LABORATORY SECOND QUARTER 2015

Procedure CCP-TP-001, *CCP Project Level Data Validation and Verification*, requires that a repeat of Data Generation Level (DGL) review, validation and verification be performed on the data for a minimum of one randomly chosen waste container each quarter. The Site Project Manager (SPM) uses this information to document that the DGL data review is being performed according to procedures.

Inter-office Correspondence Number CP:15:01136 was issued July 27, 2015. This memorandum identified Waste Container 67877 from Batch Data Report (BDR) LAVE550218, as the randomly selected container for DGL repeat of Visual Examination at LANL for the second calendar quarter of 2015.

The mini-BDR containing waste container 67877 was reviewed for the quarterly repeat on August 11, 2015. The results of this review indicate that the data quality remains acceptable and no discrepancies were identified. The Project Level Verification and Validation Checklist (Attachment 1- of procedure CCP-TP-001 Rev.21) has been completed and authenticated.

If you have any questions regarding this review, please contact me at (505) 606-2344.

TG:lcg

cc:	W. W. Cameron	ED
	A. D. Chavarria	ED
	R. P. Kantrowitz	ED
	T. M. Mojica	ED
	M. F. Ramirez	ED
	R. D. Reeves	ED
	CCP Records Custodian	GSA-212

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CCP RECORDS ORIGINAL
DATE REC'D 8.25.15 JY.

Attachment 1 – CCP Nonconformance Report (NCR)

GEN6

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0023-15 Revision 3

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): AK	3. Batch Data Report #(s): N/A
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A 6. Supplier (if applicable): N/A	Container #(s): 69232 69235 87824 91768 91769

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☒ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-005, Rev. 26, Section 4.10.2 states "Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content..."

7c. Actual Condition:

Information was provided by LANL after initial waste stream assignment that indicates containers should be assigned to a different waste stream.

Revision 1: Additional containers were added.
Revision 2: Change NCR Description from "Other" to "Transportation".
Revision 3: Remove containers 87823, 87825 and S851594 and add them to NCR-LANL-0034-15.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

Containers have been shipped to and are in storage at WCS and at WIPP. Refer to Attachment 2 Rev. 2 07/15/15 2/3

8. NCR Originator:

Carolina Soaterna (printed name) Carolina Soaterna (signature) 7/15/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☒ YES ☐ NO ☐ INDETERMINATE

10. Trend Code: L	11. Responsible Manager: **Terri-Anne Groover**
12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura Jones (printed name) Laura Ramon Jones (signature) 7/15/2015 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 Revision 3

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (Block 19) based on the results of the AK re-evaluation.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name	signature	date
Carolina Soaterna	Carolina Soaterna	7/15/15

16b. QA Engineer or QA Designee:

printed name	signature	date
Laura R. Jones	Laura Ramos Jones	7/15/15

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name	signature	date
Carolina Soaterna	Carolina Soaterna	7/15/15

18. Interim Disposition Verified – QA Engineer:

printed name	signature	date
Laura R. Jones	Laura Ramos Jones	7/15/2015

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 Revision 3

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☒ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

See Attachment 2

☐ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☒ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

Carolina Soaterna	Carolina Soaterna	7/15/15
printed name	signature	date

21. QA Engineer or QA Designee:

Laura Jones	Laura Ramen Jones	7/15/15
printed name	signature	date

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments: 1.- Acceptable Knowledge Re-evaluation checklist and Discrepancy Resolution 2.- Email Documenting Reportability. 3.- Transportation Manager's Review for Consideration of 10CFR.

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist P2010- 3749

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MIN04-S.001, LA-MIN02-V.001 (CCP-AK-LANL-006)
Waste Stream Description: Homogeneous Waste (Absorbed Waste and Salt Waste)
NCR numbers(s) if applicable: NCR-LANL-0023-15
Inconsistency between waste characterization and acceptable knowledge information (describe): LANL has reevaluated containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 and has determined that they contain nitrate salt waste not pyrochemical salts. Therefore, these containers will be removed from waste stream LA-MIN04-S.001. Since these containers include greater than 50% homogeneous solids, which the waste generator has declared to contain nitrate salts, they will be reassigned to waste stream LA-MIN02-V.001.

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	N/A	Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	N/A	Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.
Reassess and document all testing data associated with the waste. [c]	N/A	Not a sampling and analysis issue
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	Yes	Containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 will be reassigned to waste stream LA-MIN02-V.001 and the Waste Matrix Code will be changed to S3110 (Reference DR106).
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	N/A	Radionuclides are not discrepant
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	Containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 will be reassigned to waste stream LA-MIN02-V.001 and the Attachment 8 will be updated (Reference DR106).
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	N/A	Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

NCR- LANL-0023-15 R3
Attachment 1 Page 1 of 4

Acceptable Knowledge Expert:

Michael J. Papp _____ Date: 05/04/2015
Print Sign

Site Project Manager:

Terri-Anne Groover _____ Date: 5/4/15
Print Sign

NCR LANL-DD 23-15 Rev. 3

Attachment 1 Page 2 of 4

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Reassignment of Eight Containers from Waste Stream LA-MIN04-S.001 to Waste Stream LA-MIN02-V.001

Waste Stream Number(s): LA-MIN04-S.001, LA-MIN02-V.001 (CCP-AK-LANL-006) P2010- 3749

Waste Stream Description(s): Homogeneous Waste (Absorbed Waste and Salt Waste)

AK Source Document Discrepancy Form Tracking Number: DR106

Tracking #	Title	Document/Rev#	Author	Date	Page #
N/A	Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-55 Mixed Transuranic Waste, Waste Streams: LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, LA-MIN04-S.001	CCP-AK-LANL-006-REV-13	CCP	February 10, 2014	All
D091	Solution Package Scope Definition Report-72, Salt Waste (SP#72) Rev 1	N/A	Susan Ramsey	July 17, 2012	All
N/A	CCP Nonconformance Report (NCR)	NCR-LANL-0023-15	CCP	April 13, 2015	All

Nature of Discrepancy:

The AK summary report (CCP-AK-LANL-006) describes waste stream LA-MIN04-S.001 as consisting primarily of inorganic homogeneous solid waste (salt waste) generated in TA-55. The waste is largely comprised of salts which are a byproduct from a variety of plutonium metal purification operations including electrorefining, molten salt extraction, salt stripping, fluoride reduction, and direct oxide reduction. Containers 69232 (parent 83939, grandparent S822928), 69235 (parent 83939, grandparent S822928), 87823 (parent S846332), 87824 (parent S846332), 87825 (parent S846332), 91768 (parent S793459), 91769 (parent S793459), and S851594 were evaluated and assigned to waste stream LA-MIN04-S.001.

For several years from June 2009 to July 17, 2002, LANL evaluated the potential presence of uncemented or unconsolidated nitrate salts in TA-55 waste containers. The culmination of this evaluation was documented in LANL Solution Package 72 (SP-72). SP-72 detailed the process of identifying the unconsolidated nitrate salt containers and their disposal path (i.e., mixing at least 1.2 part of Kitty Litter/Zeolite clay with 1 part nitrate salt). Included in SP-72 was a list of 305 containers expected to contain unconsolidated nitrate salts. The above listed containers, including parents and grandparents, were not included in the list of 305 containers (Reference D091). However, LANL has reevaluated these containers and determined that they contain nitrate salt waste not pyrochemical salts (see Attachment 1). Therefore, these containers require an evaluation to determine if they should be reassigned to waste stream LA-MIN02-V.001.

NCR LANL-0023-15 Rev. 3
Attachment 1 Page 3 of 4

Resolution:

The evaporator bottoms (i.e., nitrate salts) generated by the evaporator process that are below the discard level are sent to cement fixation for immobilization. Prior to 1992, some nitrate salts below the discard level were not sent to cement fixation for immobilization but were packaged as waste. These containers were determined by LANL to be part of the uncemented nitrate salt container population (Reference D091). Based on a review of LANL's evaluation, containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 will be removed from LANL waste stream LA-MIN04-S.001. LANL, the waste generator, determined they contain nitrate salts. The containers either include Radioactive Solid Waste Disposal (RSWD) code A27 (Nitrate Salts), they originated from the nitrate salt process at TA-55 (i.e., the evaporator), and/or they were identified as nitrate salts during repackaging. Furthermore, LANL was unable to show that the containers had been cemented (See Attachment 1). Therefore, the above eight containers will be reassigned to waste stream LA-MIN02-V.001. Waste stream LA-MIN02-V.001 consists primarily of inorganic particulate waste (absorbed waste) generated in TA-55 including nitrate salt waste mixed with absorbent.

Note: Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp / MJ Papp Date: 05/04/2015
Print Sign

Site Project Manager: Terri-Anne Groover / TGroover Date: 5/4/15
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.); or Discrepancy (Disc.)

NCR LANL-0035-15 Rev. 3

Attachment 1 Page 4 of 4

Attachment 3 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-LANL-0023-15 Revision 3 Attachment # 2 Page 1 of 1

Continuation from Section Number: NA

Containers 69232, 69235, 87824, 91768 AND 91769 were originally characterized under the waste stream LA-MIN04-S.001. These were then certified, shipped and emplaced under this waste stream.

Based on DR106 the waste generator site has re-examined their previous waste stream designation for these containers. They have declared the containers to contain nitrate salts reassigning the containers to LA-MIN02-V.001. Therefore the waste stream for these containers has been changed on the AK Tracking Spread Sheet to reflect the waste stream as LA-MIN02-V.001.

Subsequently no new BDRs will be generated and currents BDRs will remain as is.

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Wednesday, July 15, 2015 11:02 AM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15-3

Not reportable

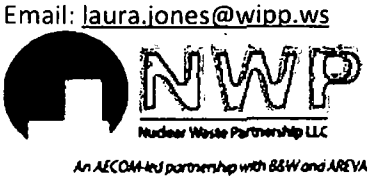
Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Wednesday, July 15, 2015 10:30 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0023-15-3

All – For your information
Antonio – Please apply hold tag and notify
Mike – Please review for notification purposes
Jewell – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws



An AECOM-led partnership with B&W and AREVA

NCR – LANL-0023-15 Rev. 3
Attachment 2 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Wednesday, July 15, 2015 11:03 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0023153] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0023153 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

NCR - LANL-0023-15 Rev. 3
Attachment 2 Page 2 of 2

Jones, Laura - NWP

From: Sellmer, Todd - NWP
Sent: Thursday, July 16, 2015 9:14 AM
To: Jones, Laura - NWP
Cc: McGonagill, Steve - NWP
Subject: RE: Revised NCR-LANL-0023-15-3

Laura,

NCR LANL-0023-15-3 has been reviewed and is deemed reportable to the NRC as a violation of our certificate of compliance. This applicable report has been processed and sent to the NRC. No additional actions are required relative to reporting to the NRC.

Thanks,

Todd

Todd Sellmer
NWP Manager
Packaging & Information Systems
ASNT Level III
(575)234-7396 (Office)
(575)302-7583 (Cellular)
(575)234-7055 (Fax)
Sub-Contractor to the U.S. Department of Energy

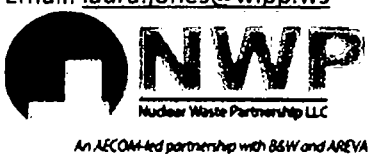
From: Jones, Laura - NWP
Sent: Wednesday, July 15, 2015 10:54 AM
To: Sellmer, Todd - NWP
Cc: McGonagill, Steve - NWP
Subject: FW: Revised NCR-LANL-0023-15-3

Todd,

NCR has been revised, I still need your review for consideration of 10 CFR, Part 71 applicability.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws



An AECOM-led partnership with B&W and AREVA

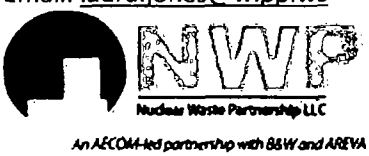
NCR- LANL-0023-15 Rev. 3
Attachment 3 Page 1 of 2

From: Jones, Laura - NWP
Sent: Wednesday, July 15, 2015 10:30 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0023-15-3

All – For your information
Antonio – Please apply hold tag and notify
Mike – Please review for notification purposes
Jewell – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws



An AECOM-led partnership with B&W and AREVA

NCR – LANL-0023-15 Rev. 3
Attachment 3 Page 2 of 2

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0023-15 Revision 2

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): AK	3. Batch Data Report #(s): N/A
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 69232 69235 87823 87824 87825 91768 91769 S851594
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☒ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-005, Rev. 26, Section 4.10.2 states "Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content..."

7c. Actual Condition:

Information was provided by LANL after initial waste stream assignment that indicates containers should be assigned to a different waste stream.

Revision 1: Additional containers were added.
Revision 2: Change NCR Description from "Other" to "Transportation".

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

Containers have been shipped to and are in storage at WCS and at WIPP. 07/15/15 LRS Refer to Attachment 2.

8. NCR Originator:

Carolina Soaterna (printed name) Carolina Soaterna (signature) 4/13/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☒ YES ☐ NO ☐ INDETERMINATE

10. Trend Code: L

11. Responsible Manager: **Terri-Anne Groover**

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura Jones (printed name) Laura Ramos Jones (signature) 4/13/2015 (date)

SUPERSEDED BY REV 3 07/15/15 LRS

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 Revision 2

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (Block 19) based on the results of the AK re-evaluation.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

Carolina Soaterna	Carolina Soaterna	4/13/15
printed name	signature	date

16b. QA Engineer or QA Designee:

Laura R. Jones	Laura Romero Jones	4/13/15
printed name	signature	date

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

Carolina Soaterna	Carolina Soaterna	7/14/15 07/15/15 LRS
printed name	signature	date

18. Interim Disposition Verified – QA Engineer:

printed name	signature	date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 Revision 2

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair
19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

☐ Reject ☐ Rework ☐ Scrap
19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☐ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name signature date

21. QA Engineer or QA Designee:

printed name signature date

Additional Approval:

printed name signature date

Additional Approval:

printed name signature date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name signature date

23. Attachments: 1- Email Documenting Reportability. 2- Hold tag Documentation.

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name signature date

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Wednesday, April 15, 2015 10:33 AM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15-2

Not reportable

Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Monday, April 13, 2015 3:19 PM
To: Chavarria, Antonio - NWP; Fitzgerald, Randy - LANL; Groover, Terri-Anne - NWP; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Sellmer, Todd - NWP
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0023-15-2

Antonio/Terri-Anne/Craig/Carolina – For your information
Mike – Please review for notification purposes

Todd – NCR is marked as Transportation, please review for consideration of 10 CFR, Part 71 applicability. Containers listed below were shipped to WIPP.

Container ID

87824

91768

91769

Jewell – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR – LANL-0023-15 Rev. 2
Attachment 1 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Wednesday, April 15, 2015 10:32 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0023152] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0023152 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

Jones, Laura - NWP

From: Chavarria, Antonio De Jesus <antonio_chavarria@lanl.gov>
Sent: Tuesday, April 14, 2015 10:17 AM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15-2

Laura:

Containers 87823 and 87825 are segregated in dome 375. A tag was applied to S851594.

69232 and 69235 are listed as being placed in an SWB and sent to WCS.

Thank you,
Antonio
Chavarria

From: Jones, Laura - NWP [mailto:laura.jones@wipp.ws]
Sent: Monday, April 13, 2015 4:12 PM
To: Chavarria, Antonio De Jesus
Subject: FW: Revised NCR-LANL-0023-15-2
Importance: High

Antonio,

The Containers Number 87823, 87825, and S85159 are at LANL, could you please apply hold tags or are they inaccessible?
Could you please tell me the hold tag status for Containers 69232, 69235?

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

From: Soaterna, Carolina - NWP
Sent: Monday, April 13, 2015 4:00 PM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15-2

Laura,

The following containers are at WCS
69232
69235

And the following containers are at LANL:
87823

NCR -LANL-0023-15 Rev. 2
Attachment 2 Page 1 of 6

87825
S851594

Carolina Soaterna
Central Characterization Project
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
carolina.soaterna@wipp.ws
(575) 234-7445

From: Jones, Laura - NWP
Sent: Monday, April 13, 2015 3:56 PM
To: Soaterna, Carolina - NWP
Subject: FW: Revised NCR-LANL-0023-15-2

Carolina,

Please confirm that the remaining containers were shipped to WCS. Thank you.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

From: Sellmer, Todd - NWP
Sent: Monday, April 13, 2015 3:30 PM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15-2

Laura,

Were the remaining payload containers shipped to WCS?

Todd

Todd Sellmer, NWP, Manager, Packaging & Information Systems
ASNT Level III
Contractor for the U.S. Department of Energy
Office Phone (575) 234-7396
Office Fax (575) 234-7055
Cell Phone (575) 302-7583

NCR -LANL- 0023 - 15 Rev. 2
Attachment 2 Page 2 of 6

From: Jones, Laura - NWP
Sent: Monday, April 13, 2015 3:19 PM
To: Chavarria, Antonio - NWP; Fitzgerald, Randy - LANL; Groover, Terri-Anne - NWP; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Sellmer, Todd - NWP
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0023-15-2

Antonio/Terri-Anne/Craig/Carolina – For your information
Mike – Please review for notification purposes

Todd – NCR is marked as Transportation, please review for consideration of 10 CFR, Part 71 applicability. Containers listed below were shipped to WIPP.

Container ID

87824

91768

91769

Jewell – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

Jones, Laura - NWP

From: Chavarria, Antonio De Jesus <antonio_chavarria@lanl.gov>
Sent: Tuesday, April 14, 2015 7:32 AM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15-2

Laura:

This is the information I could find for these. See last column:

69232	APPROVED_CERT	54-G 049 Pack Decommissioned
69235	APPROVED_CERT	54-G 049 Pack Decommissioned
87823	NO AK DATA	Dome 375 34 01 03
87824	EMPLACED_CNTR	WIPP
87825	NO AK DATA	Dome 375 34 01 04
91768	EMPLACED_CNTR	54-G Overpack Decommissioned
91769	EMPLACED_CNTR	54-G Overpack Decommissioned
S851594	NO AK DATA	Dome 153 007 01 01

Please let me know if this info helps.

Thank you,
Antonio
Chavarria

From: Jones, Laura - NWP [mailto:laura.jones@wipp.ws]
Sent: Monday, April 13, 2015 3:37 PM
To: Chavarria, Antonio De Jesus
Subject: FW: Revised NCR-LANL-0023-15-2
Importance: High

Antonio,

Could you please confirm from the list below that the containers that are not emplaced were shipped to WCS? Thank you.

Container ID	WDS Status
69232	APPROVED_CERT
69235	APPROVED_CERT
87823	NO AK DATA
87824	EMPLACED_CNTR
87825	NO AK DATA

NCR - LANL-0023-15 Rev. 2
Attachment 2 Page 4 of 6

91768	EMPLACED_CNTR
91769	EMPLACED_CNTR
S851594	NO AK DATA

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

From: Sellmer, Todd - NWP
Sent: Monday, April 13, 2015 3:30 PM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15-2

Laura,

Were the remaining payload containers shipped to WCS?

Todd

Todd Sellmer, NWP, Manager, Packaging & Information Systems
ASNT Level III
Contractor for the U.S. Department of Energy
Office Phone (575) 234-7396
Office Fax (575) 234-7055
Cell Phone (575) 302-7583

From: Jones, Laura - NWP
Sent: Monday, April 13, 2015 3:19 PM
To: Chavarria, Antonio - NWP; Fitzgerald, Randy - LANL; Groover, Terri-Anne - NWP; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Sellmer, Todd - NWP
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0023-15-2

Antonio/Terri-Anne/Craig/Carolina – For your information
Mike – Please review for notification purposes

Todd – NCR is marked as Transportation, please review for consideration of 10 CFR, Part 71 applicability. Containers listed below were shipped to WIPP.

Container ID
87824
91768
91769

Jewell – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0023-15 Revision 1

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): AK	3. Batch Data Report #(s): N/A
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 69232 69235 87823 87824 87825 91768 91769 S851594
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☑ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-005, Rev. 26, Section 4.10.2 states "Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content..."

7c. Actual Condition:

Information was provided by LANL after initial waste stream assignment that indicates containers should be assigned to a different waste stream.

Revision 1: Additional containers were added.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

Containers have been shipped to and are in storage at WCS and at WIPP.

8. NCR Originator:

Carolina Soaterna (printed name) Carolina Soaterna (signature) 3/2/2015 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☒ YES ☐ NO ☐ INDETERMINATE

10. Trend Code: **L**

11. Responsible Manager: **Terri-Anne Groover**

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura Jones (printed name) Laura Ramos Jones (signature) 03/2/2015 (date)

SUPERSEDED BY REV 1 04/13/2015 LRJ

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 Revision 1

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (Block 19) based on the results of the AK re-evaluation.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name	signature	date
Carolina Soaterna	Carolina Soaterna	3/2/2015

16b. QA Engineer or QA Designee:

printed name	signature	date
Laura R. Jones	Laura Ramona Jones	3/02/2015

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name	signature	date

18. Interim Disposition Verified – QA Engineer:

printed name	signature	date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 **Revision 1**

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

☐ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☐ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name _____ signature _____ date _____

21. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name _____ signature _____ date _____

23. Attachments: 1- Email Documenting Reportability.

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name _____ signature _____ date _____

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Monday, March 02, 2015 10:43 AM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0023-15_R1

No reportable

Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Monday, March 02, 2015 10:01 AM
To: Chavarria, Antonio - NWP; Fitzgerald, Randy - LANL; Groover, Terri-Anne - NWP; Kantrowitz, Rich - NWP; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Simmons, Craig - LANL; Soaterna, Carolina - NWP; Terri-Anne Groover; Waldram, Veronica - NWP; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0023-15_R1

All – For your information
Mike – Please review for notification purposes, containers were added.
Jewell – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR - LANL-0023-15 Rev. 1
Attachment 1 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Monday, March 02, 2015 9:49 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0023151] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0023151 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

NCR -LANL-0023-15-Rev.1
Attachment 1 Page 2 of 2

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0023-15 Revision 0

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): AK	3. Batch Data Report #(s): N/A
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 69232 69235
	6. Supplier (if applicable): N/A	

SUPERSEDED BY REV 1 03/02/15 LRC

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☑ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-005, Rev. 26, Section 4.10.2 states "Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content..."

7c. Actual Condition:

Information was provided by LANL after initial waste stream assignment that indicates containers should be assigned to a different waste stream.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

Containers have been shipped to and are in storage at WCS.

8. NCR Originator:

Carolina Soatern (printed name) Carolina Soatern (signature) 2/27/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☒ YES ☐ NO ☐ INDETERMINATE

10. Trend Code: L	11. Responsible Manager: **Terri-Anne Groover**
12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura R. Jones (printed name) Laura Ramos Jones (signature) 2/27/2015 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

1. Responsible Manager to sendNCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (Block 19) based on the results of the AK re-evaluation.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name	signature	date
Carolina Soaterna	Carolina Soaterna	2/27/15

16b. QA Engineer or QA Designee:

printed name	signature	date
Laura R. Jones	Laura Ramos Jones	2/27/2015

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name	signature	date

18. Interim Disposition Verified – QA Engineer:

printed name	signature	date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0023-15 **Revision 0**

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

☐ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☐ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name _____ signature _____ date _____

21. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name _____ signature _____ date _____

23. Attachments: 1 - Email Documenting Reportability.

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name _____ signature _____ date _____

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Friday, February 27, 2015 8:38 AM
To: Jones, Laura - NWP
Subject: RE: New NCR-LANL-0023-15

Not reportable

Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Friday, February 27, 2015 8:14 AM
To: Chavarria, Antonio - NWP; Fitzgerald, Randy - LANL; Groover, Terri-Anne - NWP; Kantrowitz, Rich - NWP; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Simmons, Craig - LANL; Soaterna, Carolina - NWP; Terri-Anne Groover; Waldram, Veronica - NWP; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: New NCR-LANL-0023-15

All – For your information
Mike – Please review for notification purposes
Jewell – Please post this open NCR

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR -LANL-0023-15 Rev. 0
Attachment 1 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Friday, February 27, 2015 8:37 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0023150] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0023150 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0025-15 Revision 0

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): OSR-VE	3. Batch Data Report #(s): LA14-OSR-VE-014
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): LA00000065480
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-069, REV 6, SEC 4.2.1 states, in part, "Assemble the VE BDR using the following forms, as needed: ...List of Acceptable Knowledge Identifier(s) (Documentation and/or Source Markings) and List of Sources in Special Form Capsules..."

7c. Actual Condition:

The Cover Page, Data Sheet and the Special Form Capsule documentation is for container LA00000065480. The AK documentation included in the BDR is for container LA00000064580

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

Refer to Attachment 3. 05/8/15 LAT

8. NCR Originator:

Terri-Anne Groover (printed name) — T Groover (signature) — 05/07/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: A

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation: Laura R. Jones (printed name) — Laura Ramon Jones (signature) — 05/07/15 (date)

CCP RECORDS ORIGINAL
DATE REC'D 7/6/15

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0025-15 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0025-15 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]
NA

☐ Reject ☒ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]
VE Operator add correct Acceptable Knowledge information to BDR
ITR re-review corrections
SPM complete review

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]
NA

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Groover	TGroover	05/07/15

21. QA Engineer or QA Designee:

printed name	signature	date
Laura R Jones	Laura Raven Jones	05/07/2015

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date
Daniel Wade	D-D Wade	7/1/2015

23. Attachments: 1-Email Documenting Reportability. 2-Email Documenting notification to CBFO. 3-Hold tag documentation. 4- Evidence for NCR Closure.

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐

24b. If HOLD TAG is not applicable, check: ☒ and explain:
Refer to Attachment 3. 07/02/15 LRT

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date
Laura R Jones	Laura Raven Jones	07/02/15 LRT

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Thursday, May 07, 2015 8:28 AM
To: Jones, Laura - NWP
Subject: RE: New NCR-LANL-0025-15

reportable

Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Thursday, May 07, 2015 8:07 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: New NCR-LANL-0025-15

Antonio/Terri-Anne/Craig/Carolina – Please apply hold tag and notify
Mike – Please review for notification purposes
Jewell – please post this open NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Thursday, May 07, 2015 8:28 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0025150] was just reviewed.

Importance: High

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0025150 and has indicated that it **[SHOULD]** be reported to CBFO. IDC has already updated the NCR for you.

Jones, Laura - NWP

From:	Knox, Jake - NWP
Sent:	Thursday, May 07, 2015 9:42 AM
To:	WIPP Notify - Special Purpose
Cc:	Ramirez, Mike - NWP; Groover, Terri-Anne - LANL; Soaterna, Carolina - NWP; Jones, Laura - NWP; Simmons, Craig - LANL
Subject:	[ncr] NCR-LANL-0025-15
Attachments:	NCR-LANL-0025-15.pdf

The attached NCR is submitted as required by CCP-QP-005, Rev. 24, *CCP TRU Nonconforming Item Reporting Control*, Attachment 4.

-Site NCR: NCR-LANL-0025-15

-Responsible Organization: CCP

-Date Initiated: May 7, 2015

-Individual who identified NCR: Terri-Anne Groover

-Deficiency: The Cover Page, Data Sheet and the Special Form Capsule documentation is for container LA00000065480. The AK documentation included in the BDR is for container LA00000064580.

-Requirement violated: CCP-TP-069, REV 6, SEC 4.2.1 states, in part, "Assemble the VE BDR using the following forms as needed: ...List of Acceptable Knowledge Identifier(s) (Documentation and/or Source Markings) and List of Sources in Special Form Capsules..."

-Actions:

VE Operator add correct Acceptable Knowledge information to BDR
ITR re-review corrections
SPM complete review

-Date closed, if applicable: Not closed

Jake Knox
Central Characterization Program
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575) 234-7246 (work)
(325) 201-2082 (cell)

NCR – LANL-0025-15 Rev.0
Attachment 2 Page 1 of 1

Jones, Laura - NWP

From: Witkowski, Ioana <ioana@lanl.gov>
Sent: Thursday, May 07, 2015 9:32 AM
To: Chavarria, Antonio - LANL
Cc: Groover, Terri-Anne - LANL
Subject: Drum 65480 and NCR

Hi Antonio,

OSRP got an NCR today for drum 65840. Terri Groover brought the NCR hold tag to us. I want to let you know that drum 65480 is not at LANL but at our consolidation facility in Houston.

Thank you,
-ioana

Ioana Witkowski
Off-Site Source Recovery Project- OSRP
International Threat Reduction, NEN-3
Los Alamos National Laboratory
Mail Stop J552, Los Alamos, NM 87545
phone (505) 667-3631
fax: 505-665-7913

NCR -LANL-0025-15 Rev.0
Attachment 3 Page 1 of 2

Jones, Laura - NWP

From: Chavarria, Antonio De Jesus <antonio_chavarria@lanl.gov>
Sent: Thursday, May 07, 2015 11:27 AM
To: Jones, Laura - NWP
Subject: RE: New NCR-LANL-0025-15
Attachments: Drum 65480 and NCR

Laura:

It appears as though the tag will not be able to be applied because it is not at LANL. Please see the attached email.

Thank you,
Antonio
Chavarria

From: Jones, Laura - NWP [mailto:laura.jones@wipp.ws]
Sent: Thursday, May 07, 2015 8:07 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig E; Soaterna, Carolina - NWP; Groover, Terri-Anne; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: New NCR-LANL-0025-15

Antonio/Terri-Anne/Craig/Carolina – Please apply hold tag and notify
Mike – Please review for notification purposes
Jewell – please post this open NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR - LANL-0025-15 Rev. 0
Attachment 3 Page 2 of 2

MRC-AMBE-T1677

Shipping Record

Markings: Am241Be, MRC-AMBE-T1677
Record Numbers: 00777

MRC-AMBE-T2124

Shipping Record

Markings: Am241Be, MRC-AMBE-T2124
Record Numbers: 00777

Source Serial No. **LA00000065480**

1138NJ

Isotope
Source Markings
Markings: 40mCi, Am241:Be, 2-3-91, 1138NJ

Activity
Source Markings

1648NJ

Isotope
Source Markings
Markings: 40mCi, Am241:Be, 5-14-94, 1648NJ

Activity
Source Markings

1650NJ

Isotope
Source Markings
Markings: 40mCi, Am241:Be, 5-14-94, 1650NJ

Activity
Source Markings

1651NJ

Isotope
Source Markings
Markings: 40mCi, Am241:Be, 5-14-94, 1651NJ

Activity
Source Markings

A5844

Isotope
Source Markings
Markings: 50mCi, Am241/Be, 10-28-84, A5844

Activity
Source Markings

A7761

Isotope
Source Markings
Markings: 50mCi, Am241/Be, 4-3-87, A7761

Activity
Source Markings

CAA15120

Isotope
Source Markings
Markings: 40mCi, Am241:Be, 02-20-91, CAA15120

Activity
Source Markings

TW 5/11/15
35A
TW 5/11/15

CAA22188

Isotope
Source Markings
Activity
Source Markings

Markings: 40mCi, Am241:Be, 11-08-85, CAA22188

CAA6188

Isotope
Source Markings
Activity
Source Markings

Markings: 40mCi, Am241:Be, 03-09-84, CAA6188

CAA6987

Isotope
Source Markings
Activity
Source Markings

Markings: 40mCi, Am241:Be, 11-05-84, CAA6987

CAA7582

Isotope
Source Markings
Activity
Source Markings

Markings: 40mCi, Am241:Be, 02-07-85, CAA7582

M321101181

Isotope
Source Markings
Activity
Source Markings

Markings: 50mCi, Am241/Be, 3-6-92, M321101181

MD11000506

Isotope
Source Markings
Activity
Source Markings

Markings: 50mCi, Am241/Be, 7-8-91, MD11000506

MD20300763

Isotope
Source Markings
Activity
Source Markings

Markings: 50mCi, Am241/Be, 6-11-91, MD20300763

MD30101260

Isotope
Source Markings
Activity
Source Markings

Markings: 50mCi, Am241/Be, 7-30-85, MD30101260

MD40702119

Isotope
Source Markings
Activity
Source Markings

Markings: 50mCi, Am241/Be, 6-15-78, MD40702119

JWS 11/15
35A

MD60803355	Isotope Source Markings	Activity Source Markings
	Markings: 50mCi, Am241/Be, 6-1-96, MD60803355	
MD70208631	Isotope Source Markings	Activity Source Markings
	Markings: 50mCi, Am241/Be, 4-13-98, MD70208631	
MRC-AMBE-T1048	Isotope Source Markings	Activity Source Markings
	Markings: 40mCi, Am241:Be, 3-29-83, MRC-AMBE-T1048	
MRC-AMBE-T1068	Isotope Source Markings	Activity Source Markings
	Markings: 40mCi, Am241:Be, 4-7-83, MRC-AMBE-T1068	
MRC-AMBE-T1231	Isotope Source Markings	Activity Source Markings
	Markings: 40mCi, Am241:Be, 5-6-83, MRC-AMBE-T1231	

MRC-AMBE-T1677	Shipping Record Markings: Am241Be, MRC-AMBE-T1677 Record Numbers: 00777
MRC-AMBE-T2124	Shipping Record Markings: Am241Be, MRC-AMBE-T2124 Record Numbers: 00777
Source Serial No.	**LA00000064580**
M808	Shipping Record Markings: PUBE M808 Comments: ERID-510517 Record Numbers: 05632
M809	Shipping Record Markings: PUBE M809 Comments: ERID-510517 Record Numbers: 05632
M810	Shipping Record Markings: PUBE M810 Comments: ERID-510517 Record Numbers: 05632
M811	Shipping Record Markings: PUBE M811 Comments: ERID-510517 Record Numbers: 05632
N320C24(320C24)	NMMSS Markings: 320C24 Comments: P2010-0924 Record Numbers: 05463

superceded
TW 5/11/15

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

VE BDR LA14-QSR-VE-014

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☑Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6
☐Yes ☐No ☑NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☑Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☑Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☑Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☑Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☑Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☑Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☑Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☑Yes ☐No 5.12.15	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☑Yes ☐No ☑NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☑Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☑Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☑Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: Re-reviewed for corrections (NCR LANL-0025-15) 5-11-15 5-11-15 RD 5.11.15	

Independent Technical Review conducted by:

Rick Day	Rick Day	5-11-15
VE Independent Technical Reviewer (Printed Name)	(Signature)	3-27-2015 (Date)
	Rick Day	5-12-15

NCR LANL-0025-15 Rev.0

Attachment 4 Page 5 of 6

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-014 **Examination Date(s):** 07/07/14, 07/30/14, 07/31/14

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			

Comments: NCR-LANL-0025-15 issued and corrections completed during SPM review.

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Terri-Anne Groover	TGroover	05/19/15
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date

NCR LANL-0025-15 Rev. 0
Attachment 4 Page 6 of 6

DIVIDER PAGE ONLY

Not part of page count

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0029-15 Revision 1

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): VE	3. Batch Data Report #(s): LAVE550202
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 67853
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-113, Rev 18, Section 4.4.16 states "Record the following information in Section 4, Prohibited Item(s) Summary, of Attachment 2: [A] Output Waste Container ID."

7c. Actual Condition:
The date was listed as the output waste container ID on Attachment 2, Section 4, page 4 of 5.

Reason for Revision 1: Corrected boxes 7b and 7c of this attachment to reflect the correct Section of the procedure that was violated and changed instructions in box 19b, to indicate the correct section (Section 4) that needed to be addressed.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

See Attachment 2 Rev. 0
07/07/15 LRJ

8. NCR Originator:

Daniel Wade (printed name) D-L Wade (signature) 07/07/2015 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: A	11. Responsible Manager: **Terri-Anne Groover**
12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura R. Jones (printed name) Laura Romero Jones (signature) 07/07/15 (date)

CCP RECORDS ORIGINAL
DATE REC'D 7/8/15

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0029-15 Revision 1

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0029-15 Revision 1

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]

☐ Reject ☒ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

1.) VE Operator include NCR in BDR.
2.) VE Operator enter output waste container ID on Attachment 2, Section 4, page 4 of 5.
3.) VE ITR review changes AND re-sign ITR checklist (make changes to checklist as applicable) and cover page.
4.) SPM Complete Project Level Review.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:
Daniel Wade (printed name) [signature] 7/7/2015 (date)

21. QA Engineer or QA Designee:
Laura R. Jones (printed name) Laura Ramos Jones (signature) 7/07/2015 (date)

Additional Approval:
(printed name) (signature) (date)

Additional Approval:
(printed name) (signature) (date)

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:
Daniel Wade (printed name) [signature] 7/7/2015 (date)

23. Attachments: 1.- Email Documenting Reportability.
2.- Evidence for NCR closure

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☒ and explain: 07/07/15 LRJ
Please Refer to Attachment. 2 Revision 0.

25. Final Disposition Verified – NCR Closed QA Engineer:
Laura R. Jones (printed name) Laura Ramos Jones (signature) 7/07/2015 (date)

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Tuesday, July 07, 2015 11:14 AM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0029-15-1

Not reportable

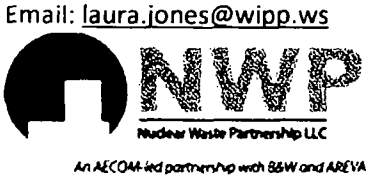
Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Tuesday, July 07, 2015 10:48 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Yturralde, Jewell - TFE; Wade, Daniel NWP
Cc: Ledford, Wayne - NWP; Waldram, Veronica - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0029-15-1

All – For your information
Mike – Please review for notification purposes
Jewell / Leon – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws



NCR – LANL-0029-15 Rev. 1
Attachment 1 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Tuesday, July 07, 2015 11:14 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0029151] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0029151 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

NCR-LANL-0029-15 Rev. 1
Attachment 1 Page 2 of 2

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0029-15 Revision 0

1. Lot No., Heat No., or Serial No. (If applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): VE	3. Batch Data Report #(s): LAVE550208 2 WM 5/26/15
4. Order/Work Order/Job Control Number (If applicable): N/A	5. PO # (If applicable): N/A	Container #(s):
	6. Supplier (If applicable): N/A	67853

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-113, Rev 18, Section 4.4.15 states "Perform the following, **AND** record the data in Section 3 of Attachment 2:
[A] Record Output container ID".

7c. Actual Condition:

The date was listed as the output waste container ID on Attachment 2, Section 3, page 4 of 5.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Terri-Anne Groover (printed name) — (signature) — 05\26\15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☑ NO ☐ INDETERMINATE

10. Trend Code: A

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☐ YES ☑ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☑ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Wayne Ledford (printed name) — (signature) — 5/26/15 (date)

NCR- LANL-0029-15 Rev. 1

Attachment 2 Page 1 of 7

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0029-15 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

NCR-LANL-0029-15 Rev.1

Attachment 2 Page 2 of 7

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0029-15 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]

☐ Reject ☒ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]
VE Operator include NCR in BDR
VE operator enter output waste container ID on Attachment 2, Section 3, page 4 of 5
VE ITR review changes AND re-sign ITR checklist (make changes to checklist as applicable) and cover page
SPM complete project level review

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Jake Knox		5-26-15

21. QA Engineer or QA Designee:

printed name	signature	date
Wayne Ledford		5-26-15

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550202 **Output Waste Container ID:** 9 5-28-15 / 4-30-15 67853

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVE550202 Examination Date: 4/30/15

Table of Contents		
Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination General Information Form	3
4	CCP Waste Visual Examination Data Forms	4
5	CCP Waste VE Independent Technical Reviewer Checklist	29
6	Copy of NCRs (N/A, If Not Applicable)	31 ~~N/A~~ 5-28-15
7	Field Records (N/A, If Not Applicable)	N/A

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Attachment 2 Page 5 of 7

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE550202 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☒ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☒ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☒ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☒ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☒ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☒ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☒ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☒ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☒ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☒ YES	~~☒ N/A~~ RSM 5-28-15 ☒ N/A

Comments: ~~N/A~~ RSM 5-28-15 NCR-LANL-0029-15 Rev.0

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Printed Name	Signature	Date
Gilbert Gutierrez		5-20-15
Robert S. Minton		5-28-15

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Attachment 2 Page 6 of 7

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550202				Examination Date(s): 04/30/15
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
Comments: Total estimated WMP weight is within 5% of Net Weight for container 67853. Corrections for NCR-LANL-0029-15 completed during SPM review.				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	TGroover		6/2/15	
SPM Printed Name	Signature		Date	

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

NCR-LANL-0029-15 Rev.1
Attachment 2 Page 7 of 7

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0034-15 Revision 0

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): AK	3. Batch Data Report #(s): N/A
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 87823 87825 S851594
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-005, Rev. 26, Section 4.10.2 states "Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content..."

7c. Actual Condition:

Information was provided by LANL after initial waste stream assignment that indicates containers should be assigned to a different waste stream.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☒ YES ☐ NO If no is checked, explain: Hold tag applied for Container S851594. For other Containers See Attachment 3. 07/16/15 LRT

8. NCR Originator:

Carolina Soaterna (printed name) Carolina Soaterna (signature) 7/15/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☒ YES ☐ NO ☐ INDETERMINATE

10. Trend Code: **L**

11. Responsible Manager: **Terri-Anne Groover**

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura Jones (printed name) Laura Ramos Jones (signature) 7/15/15 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0034-15 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (Block 19) based on the results of the AK re-evaluation.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

Carolina Soaterna	Carolina Soaterna	7/15/15
printed name	signature	date

16b. QA Engineer or QA Designee:

Laura R. Jones	Laura Ramey Jones	7/15/15
printed name	signature	date

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

Carolina Soaterna	Carolina Soaterna	7/15/15
printed name	signature	date

18. Interim Disposition Verified – QA Engineer:

Laura R. Jones	Laura Ramey Jones	7/15/15
printed name	signature	date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0034-15 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair
19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]

☒ Reject ☐ Rework ☐ Scrap
19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

.Return containers to host site.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Carolina Soaterna	Carolina Soaterna	7/15/15

21. QA Engineer or QA Designee:

printed name	signature	date
Laura Jones	Laura Ramos Jones	7/15/15

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments: 1.- AK Re-Evaluation Checklist and Discrepancy Resolution.
2.- Email Documenting Repeatability. 3.- Hold tag Documentation.

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed . QA Engineer:

printed name	signature	date

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist P2010- 3749

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MIN04-S.001, LA-MIN02-V.001 (CCP-AK-LANL-006)
Waste Stream Description: Homogeneous Waste (Absorbed Waste and Salt Waste)
NCR numbers(s) if applicable: NCR-LANL-0023-15
Inconsistency between waste characterization and acceptable knowledge information (describe): LANL has reevaluated containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 and has determined that they contain nitrate salt waste not pyrochemical salts. Therefore, these containers will be removed from waste stream LA-MIN04-S.001. Since these containers include greater than 50% homogeneous solids, which the waste generator has declared to contain nitrate salts, they will be reassigned to waste stream LA-MIN02-V.001.

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	N/A	Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	N/A	Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.
Reassess and document all testing data associated with the waste. [c]	N/A	Not a sampling and analysis issue
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	Yes	Containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 will be reassigned to waste stream LA-MIN02-V.001 and the Waste Matrix Code will be changed to S3110 (Reference DR106).
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	N/A	Radionuclides are not discrepant
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	Containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 will be reassigned to waste stream LA-MIN02-V.001 and the Attachment 8 will be updated (Reference DR106).
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	N/A	Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

NCR- LANL-0034-15 Rev.0
Attachment 1 Page 1 of 4

Acceptable Knowledge Expert:

Michael J. Papp — Print
Sign
Date: 05/04/2015

Site Project Manager:

Terri-Anne Groover — Print
Sign
Date: 5/4/15

NCR- LANL-0034-15 Rev. 0
Attachment 1 Page 2 of 4

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Reassignment of Eight Containers from Waste Stream LA-MIN04-S.001 to Waste Stream LA-MIN02-V.001

Waste Stream Number(s): LA-MIN04-S.001, LA-MIN02-V.001 (CCP-AK-LANL-006) P2010- 3749

Waste Stream Description(s): Homogeneous Waste (Absorbed Waste and Salt Waste)

AK Source Document Discrepancy Form Tracking Number: DR106

Tracking #	Title	Document/Rev#	Author	Date	Page #
N/A	Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-55 Mixed Transuranic Waste, Waste Streams: LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, LA-MIN04-S.001	CCP-AK-LANL-006-REV-13	CCP	February 10, 2014	All
D091	Solution Package Scope Definition Report-72, Salt Waste (SP#72) Rev 1	N/A	Susan Ramsey	July 17, 2012	All
N/A	CCP Nonconformance Report (NCR)	NCR-LANL-0023-15	CCP	April 13, 2015	All

Nature of Discrepancy:

The AK summary report (CCP-AK-LANL-006) describes waste stream LA-MIN04-S.001 as consisting primarily of inorganic homogeneous solid waste (salt waste) generated in TA-55. The waste is largely comprised of salts which are a byproduct from a variety of plutonium metal purification operations including electrorefining, molten salt extraction, salt stripping, fluoride reduction, and direct oxide reduction. Containers 69232 (parent 83939, grandparent S822928), 69235 (parent 83939, grandparent S822928), 87823 (parent S846332), 87824 (parent S846332), 87825 (parent S846332), 91768 (parent S793459), 91769 (parent S793459), and S851594 were evaluated and assigned to waste stream LA-MIN04-S.001.

For several years from June 2009 to July 17, 2002, LANL evaluated the potential presence of uncemented or unconsolidated nitrate salts in TA-55 waste containers. The culmination of this evaluation was documented in LANL Solution Package 72 (SP-72). SP-72 detailed the process of identifying the unconsolidated nitrate salt containers and their disposal path (i.e., mixing at least 1.2 part of Kitty Litter/Zeolite clay with 1 part nitrate salt). Included in SP-72 was a list of 305 containers expected to contain unconsolidated nitrate salts. The above listed containers, including parents and grandparents, were not included in the list of 305 containers (Reference D091). However, LANL has reevaluated these containers and determined that they contain nitrate salt waste not pyrochemical salts (see Attachment 1). Therefore, these containers require an evaluation to determine if they should be reassigned to waste stream LA-MIN02-V.001.

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Attachment 1 Page 3 of 4

Resolution:

The evaporator bottoms (i.e., nitrate salts) generated by the evaporator process that are below the discard level are sent to cement fixation for immobilization. Prior to 1992, some nitrate salts below the discard level were not sent to cement fixation for immobilization but were packaged as waste. These containers were determined by LANL to be part of the uncemented nitrate salt container population (Reference D091). Based on a review of LANL's evaluation, containers 69232, 69235, 87823, 87824, 87825, 91768, 91769, and S851594 will be removed from LANL waste stream LA-MIN04-S.001. LANL, the waste generator, determined they contain nitrate salts. The containers either include Radioactive Solid Waste Disposal (RSWD) code A27 (Nitrate Salts), they originated from the nitrate salt process at TA-55 (i.e., the evaporator), and/or they were identified as nitrate salts during repackaging. Furthermore, LANL was unable to show that the containers had been cemented (See Attachment 1). Therefore, the above eight containers will be reassigned to waste stream LA-MIN02-V.001. Waste stream LA-MIN02-V.001 consists primarily of inorganic particulate waste (absorbed waste) generated in TA-55 including nitrate salt waste mixed with absorbent.

Note: Potential changes in RCRA characterization (i.e., assignment of D001) will be addressed by a later discrepancy resolution, memo, or some other formal process.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp / _____ Date: 05/04/2015
Print Sign

Site Project Manager: Terri-Anne Groover / _____ Date: 5/4/15
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.); or Discrepancy (Disc.)

NCR- LANL-0034-15 Rev.0
Attachment 1 Page 4 of 4

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Wednesday, July 15, 2015 11:03 AM
To: Jones, Laura - NWP
Subject: RE: New NCR-LANL-0034-15

Not reportable

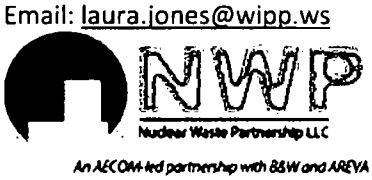
Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Wednesday, July 15, 2015 10:39 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Jones, Laura - NWP
Subject: New NCR-LANL-0034-15

All – For your information
Antonio – Please apply hold tag and notify (Please see your email sent on April 14, 15).
Mike – Please review for notification purposes
Jewell – Please post this open NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws



NCR LANL-0034-15 Rev. 0
Attachment 2 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Wednesday, July 15, 2015 11:03 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0034150] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0034150 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

NCR LANL-0034-15 Rev.0
Attachment 2 Page 2 of 2

Jones, Laura - NWP

From: Chavarria, Antonio De Jesus <antonio_chavarria@lanl.gov>
Sent: Thursday, July 16, 2015 10:33 AM
To: Jones, Laura - NWP
Subject: RE: New NCR-LANL-0034-15

Laura:

Containers 87823 and 87825 are located in Dome 375 a segregated, access controlled building where the nitrate salt containers are kept. The tag for S851594 has been applied.

Thank you,
Antonio
Chavarria

From: Jones, Laura - NWP [mailto:laura.jones@wipp.ws]
Sent: Wednesday, July 15, 2015 10:39 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig E; Soaterna, Carolina - NWP; Groover, Terri-Anne; Yturralde, Jewell - TFE
Cc: Waldram, Veronica - NWP; Jones, Laura - NWP
Subject: New NCR-LANL-0034-15

All – For your information
Antonio – Please apply hold tag and notify (Please see your email sent on April 14, 15).
Mike – Please review for notification purposes
Jewell – Please post this open NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

NCR – LANL-0034-15 Rev. 0
Attachment 3 Page 1 of 1

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0539-14 **Revision 0**

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): NDA	3. Batch Data Report #(s): N/A
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): N/A
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

(Ref. DOE/WIPP-02-3122, TRANSURANIC WASTE ACCEPTANCE CRITERIA FOR THE WASTE ISOLATION PILOT PLANT, Rev.7.4, Page 71, Appendix A, Table A-3).

If daily performance checks result in data that are outside the acceptable range, the required responses in table A-3 shall be followed:

Work shall stop and the occurrence shall be documented and appropriately dispositioned (e.g., initiating a non-conformance report). The radioassay system shall be removed from service pending successful resolution of all necessary actions, and all assays performed since the last acceptable performance check are suspect, pending satisfactory resolution. Recalibration or calibration verification is required prior to returning the system back to service.

7c. Actual Condition:

On 8/26/2014, at MILCC, the Eu-152 Wtd mean act. #M2 parameter on the Gamma Instrument Check yielded an "Ac" flag on Detector #2.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

No containers were affected as no waste assays were performed since the last acceptable performance check.

8. NCR Originator:

Bret Templeton (printed name) — Bret Templeton (signature) — 8/26/2014 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: K	11. Responsible Manager: Terri-Anne Groover
12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Tim Barton (printed name) — Tim Barton (signature) — 8/27/2014 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0539-14 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

MILCC was removed from service. Evaluate the results of the calibration verification required by DOE/WIPP-02-3122 and implemented in CCP-TP-076. MILCC is out of service pending satisfactory resolution of the Calibration Verification.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

Terri-Anne Groover	T. A Groover	8-27-14
printed name	signature	date

16b. QA Engineer or QA Designee:

TIM BARTON	Tim Barton	8/27/14
printed name	signature	date

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name	signature	date

18. Interim Disposition Verified – QA Engineer:

printed name	signature	date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0539-14 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

☐ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☐ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date

21. QA Engineer or QA Designee:

printed name	signature	date
Tim Barton		

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL- 0540-14 Revision 1

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): NDA	3. Batch Data Report #(s): 2LANDA1287
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 69526, 67613, 67610, 66850
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):
(Ref. DOE/WIPP-02-3122, TRANSURANIC WASTE ACCEPTANCE CRITERIA FOR THE WASTE ISOLATION PILOT PLANT, Rev.7.4, Page 70, A.4.2 NDA QC Requirements

At least once per operational week an interfering matrix must be used to assess the long-term stability of the NDA instrument's matrix correction.

7c. Actual Condition:

The weekly interfering matrix was not performed during the operational week.

Reason for Rev. 1; Changed trend code from K to H.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☒ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Bret Templeton (printed name) _____ (signature) 9/3/2014 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: **H**

11. Responsible Manager: **Terri-Anne Groover**

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Antonio D. Chavarria (printed name) _____ (signature) 9/3/14 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0540-14 Revision 1

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name signature date

16b. QA Engineer or QA Designee:

printed name signature date

Additional Approval:

printed name signature date

Additional Approval:

printed name signature date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name signature date

18. Interim Disposition Verified – QA Engineer:

printed name signature date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0540-14 **Revision 1**

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]

☒ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]
Return to appropriate NDA system for Re-assay.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Gloore		9-3-14

21. QA Engineer or QA Designee:

printed name	signature	date
Antonio D. Chavarria		9/3/14

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0611-14 Revision 1

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): AK	3. Batch Data Report #(s): N/A Container #(s): 90872 90883 90931
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☒ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-005, Rev 26, Section 4.10.2 states "Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical Content..."

7c. Actual Condition:

Information was provided by LANL after initial waste stream assignment that indicates containers should be assigned to a different waste stream.

Revision 1: Change NCR Description from "Other" to "Transportation".

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

Containers are already emplaced at WIPP

8. NCR Originator:

Carolina Soaterna (printed name) Carolina Soaterna (signature) 4/15/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☒ YES ☐ NO ☐ INDETERMINATE

10. Trend Code: L

11. Responsible Manager: **Terri-Anne Groover**

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura Jones (printed name) Laura Romero Jones (signature) 4/15/15 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0611-14 Revision 1

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):
☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use
☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:
Carolina Soteina (printed name) Carolina Soteina (signature) 4/15/15 (date)

16b. QA Engineer or QA Designee:
Laura R. Jones (printed name) Laura Ramos Jones (signature) 4/15/15 (date)

Additional Approval:
(printed name) (signature) (date)

Additional Approval:
(printed name) (signature) (date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:
Carolina Soteina (printed name) Carolina Soteina (signature) 4/15/15 (date)

18. Interim Disposition Verified – QA Engineer:
Laura R Jones (printed name) Laura Ramos Jones (signature) 4/15/15 (date)

Attachment 2 Revision 0- DR105- AK Source Document Discrepancy Resolution

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0611-14 Revision 1

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☒ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]
See Attachment 3

☐ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☒ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Carolina Soatema	Carolina Soatema	4/15/15

21. QA Engineer or QA Designee:

printed name	signature	date
Laura R. Jones	Laura Raven Jones	4/15/15

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments: 1.- Technical Justification. 2.- Email Documenting Reportability
3.- Attachment 10 – Acceptable Knowledge/Re-Evaluation Checklist.

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

Attachment 3 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-LANL-0611-14 Revision 1 Attachment # 1 Page 1 of 1

Continuation from Section Number: NA

Containers 90872, 90883 AND 90931 were originally characterized under the waste stream LA-MIN04-S.001. These were then certified, shipped and emplaced under this waste stream during 2013.

Based on DR105 the waste generator site has re-examined their previous waste stream designation for these containers. They have declared the containers to contain nitrate salts reassigning the containers to LA-MIN02-V.001. Therefore the waste stream for these containers has been changed on the AK Tracking Spread Sheet to reflect the waste stream as LA-MIN02-V.001.

Subsequently no new BDRs will be generated and currents BDRs will remain as is.

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Thursday, April 16, 2015 11:04 AM
To: Jones, Laura - NWP
Subject: RE: Revised NCR-LANL-0611-14-1

Not reportable

Mike Ramirez
Central Characterization Program
Certification Manager
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034 Work
(575) 200-8535 Cell

From: Jones, Laura - NWP
Sent: Thursday, April 16, 2015 10:32 AM
To: Chavarria, Antonio - NWP; Groover, Terri-Anne - NWP; Papp, Michael; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Nance, Sheri; Simmons, Craig - LANL; Soaterna, Carolina - NWP; 'Terri-Anne Groover'; Yturralde, Jewell - TFE; Sellmer, Todd - NWP
Cc: Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: Revised NCR-LANL-0611-14-1

All – For your information
Mike – Please review for notification purposes (Description of nonconformance was changed).
Todd – NCR is marked as Transportation, please review for consideration of 10 CFR, Part 71 applicability. Containers listed below were shipped to WIPP.
Jewell – Please post this open revised NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR – LANL-0611-14 Rev. 1
Attachment 2 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Thursday, April 16, 2015 11:04 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0611141] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0611141 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

NCR LANL-0611-14 Rev. 1
Attachment 2 Page 2 of 2

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist p1 of 2 **P2010** -3721

Site(s): Los Alamos National Laboratory (LANL)

Waste Stream Number(s): LA-MIN04-S.001, LA-MIN02-V.001

Waste Stream Description(s): Salt Waste

NCR numbers(s) if applicable: NCR-LANL-0611-14

Inconsistency between waste characterization and acceptable knowledge information (describe):
The AK summary report (CCP-AK-LANL-006) describes waste stream LA-MIN04-S.001 as consisting primarily of inorganic homogeneous solid waste (salt waste) generated in TA-55. LANL's waste management practice has been to handle and package all debris and homogeneous waste in a similar fashion. Waste is packaged in combinations of operations of origin; that is, waste items from several different operations are frequently combined in a single container. Homogeneous waste containers that include solids such as pyrochemical salts, ash residue, and hydroxide cake are still generated. Homogeneous solids can also include debris materials such as small pieces of plastic and metal from incomplete combustion, magnesium oxide crucible pieces from metal purification, and precipitated metal fines. During an AK evaluation of these homogeneous solids, it was discovered that the majority of the waste containers included more than 50 percent by volume of heterogeneous debris. Three containers (90872, 90883, and 90931) which, due to the above discussion, were originally characterized as heterogeneous waste subsequently failed RTR for containing greater than 50% homogeneous solids. Although LANL had previously indicated that these three drums contained nitrate salts (Reference D091), they subsequently declared that they did not contain nitrate salts and specifically excluded them from the ongoing remediation process for nitrate salt containing drums. Consequently, the three containers mentioned above were removed from waste stream LA-MHD01.001 and reassigned to waste stream LA-MIN04-S.001(Reference DR053). More recently, however, LANL has re-examined their previous findings and has declared these three containers to be nitrate salt containing waste.
Containers 90872, 90883, and 90931 will be removed from LANL waste stream LA-MIN04-S.001. Since the three drums contain greater than 50% homogeneous solids, which the waste generator has declared to contain nitrate salts, they will be reassigned to waste stream LA-MIN02-V.001(Reference NCR-LANL-0611-14).

NCR – LANL-0611-14 Rev. 1
Attachment 3 Page 1 of 2

CCP RECORDS ORIGINAL
DATE REC'D 1/9/2015
EPT

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist (cont) p2 of 2 P2010 -3721

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	N/A	Potential changes in RCRA characterization will be addressed by a later discrepancy resolution or memo
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	N/A	Potential changes in RCRA characterization will be addressed by a later discrepancy resolution or memo
Reassess and document all testing data associated with the waste. [c]	N/A	Not a sampling and analysis issue
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	YES	Attachment 11 (DR105)
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	N/A	Not an NDA related deficiency
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	YES	Attachment 11 (DR105)
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	N/A	Potential changes in RCRA characterization will be addressed by a later discrepancy resolution or memo

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

James M. Schoen _____ Date: 12/16/2014
Print Sign

Site Project Manager:

Terri-Anne Groover _____ Date: 12-10-14
Print Sign

NCR - LANL-0611-14 Rev. 1

Attachment 3 Page 2 of 2

DIVIDER PAGE

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0611-14 Revision 0

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): AK	3. Batch Data Report #(s): N/A Container #(s): 90872 90883 90931
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	
	6. Supplier (if applicable): N/A	

SUPERSEDED BY REV. 1 04/15/2015 AJS

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☑ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-005, Rev 26, Section 4.10.2 states "Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical Content..."

7c. Actual Condition:

Information was provided by LANL after initial waste stream assignment that indicates containers should be assigned to a different waste stream.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:

Containers are already emplaced at WIPP

8. NCR Originator:

Carolina Soaterna (printed name) Carolina Soaterna (signature) 12/3/14 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☒ YES ☐ NO ☐ INDETERMINATE

10. Trend Code: **L**	11. Responsible Manager: **Terri-Anne Groover**
12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura Jones (printed name) Laura Ramos Jones (signature) 12/04/2014 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0611-14 **Revision 0**

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

Carolina Soatema	Carolina Soatema	12/4/14
printed name	signature	date

16b. QA Engineer or QA Designee:

Laura R. Jones	Laura Ramos Jones	12/04/2014
printed name	signature	date

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

Carolina Soatema	Carolina Soatema	4/8/15 04/15/15 LR
printed name	signature	date

18. Interim Disposition Verified – QA Engineer:

Laura R. Jones	Laura Ramos Jones	4/8/15 04/15/15 LRJ
printed name	signature	date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0611-14 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair
19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

☐ Reject ☐ Rework ☐ Scrap
19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☐ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name _____ signature _____ date _____

21. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name _____ signature _____ date _____

23. Attachments: 1- Email Documenting Reportability.
2- DR105 AK Source Document Discrepancy Resolution

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name _____ signature _____ date _____

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Thursday, December 04, 2014 9:45 AM
To: Jones, Laura - NWP
Subject: RE: New NCR-LANL-0611-14

Not reportable

Mike Ramirez
Central Characterization Project
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034

From: Jones, Laura - NWP
Sent: Thursday, December 04, 2014 9:35 AM
To: Chavarria, Antonio - NWP; Fitzgerald, Randy - LANL; Groover, Terri-Anne - NWP; Kantrowitz, Rich - NWP; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Simmons, Craig - LANL; Soaterna, Carolina - NWP; Terri-Anne Groover; Waldram, Veronica - NWP; Yturralde, Jewell - TFE
Cc: Walker, Mak (Maryann) - NWP; Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: New NCR-LANL-0611-14

All – For your information
Mike – Please review for notification purposes
Jewell – Please post this open NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR - LANL-0611-14 Rev.0
Attachment 1 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Thursday, December 04, 2014 9:45 AM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0611140] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0611140 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

P2010-3721

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Removal of 3 Drums from Homogeneous Solids Waste Stream (LA-MIN04-S.001)

Waste Stream Number(s): LA-MIN04-S.001, LA-MIN02-V.001

Waste Stream Description: Homogeneous Solids From TA-55

AK Source Document Discrepancy Form Tracking Number: DR105					
Tracking #	Title	Document/Rev#	Author	Date	Page #
N/A	Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory TA-55 Mixed Transuranic Waste, Waste Streams: LA-MHD01.001, LA-CIN01.001, LA-MIN02-V.001, LA-MIN04-S.001	CCP-AK-LANL-006-REV-13	CCP	February 10, 2014	All
DR053	Discrepancy Resolution Form for Removal Of 24 Homogeneous Drums From Heterogeneous Debris Waste Stream (LA-MHD01.001)	CCP-TP-005, Rev. 24, Attachment 11	CCP	January 17, 2013	All
N/A	Acceptable Knowledge Re-evaluation for Removal of 3 Drums from Homogeneous Solids Waste Stream (LA-MIN04-S.001)	CCP-TP-005, Rev. 26, Attachment 10	CCP	December 16, 2014	All
N/A	RTR Datasheets for Drum IDs. 90872, 90883, 90931	CCP-TP-001, Rev. 20, Attachment 2	CCP	January 25, 2013 February 5, 2013 February 6, 2013	61 46 49
D091	Solution Package Scope Definition Report-72, Salt Waste (SP#72) Rev 1	N/A	Susan Ramsey	July 17, 2012	All

DR105

NCR -LANL-2011-14 RC

Attachment 2 Page 1 of 3

CCP RECORDS ORIGINAL
DATE REC'D 1/9/2015
EPF

N/A	Non-Conformance Report for Drum IDs. 90872, 90883, 90931	NCR-LANL-0611-14	CCP	December 4, 2014	All

Nature of Discrepancy:

The AK summary report (CCP-AK-LANL-008) describes waste stream LA-MIN04-S.001 as consisting primarily of inorganic homogeneous solid waste (salt waste) generated in TA-55. LANL's waste management practice has been to handle and package all debris and homogeneous waste in a similar fashion. Waste is packaged in combinations of operations of origin; that is, waste items from several different operations are frequently combined in a single container. As a result, debris waste containers often include lesser quantities of homogeneous solids (less than 50 percent by volume). Homogeneous waste containers that include solids such as pyrochemical salts, ash residue, and hydroxide cake are still generated. However, homogeneous solids can also include debris materials such as small pieces of plastic and metal from incomplete combustion, magnesium oxide crucible pieces from metal purification, and precipitated metal fines. Characterization activities of these homogeneous solids have discovered that most of the containers include more than 50 percent by volume of heterogeneous debris. This is due in part to the packaging configuration associated with small quantities of homogeneous solids. Based on this information, LANL generated homogenous solids, except for cemented and absorbed waste, have been reassigned to waste stream LA-MHD01.001.

Three containers (90872, 90883, and 90931) which, due to the above discussion, were originally characterized as heterogeneous debris waste subsequently failed RTR for containing greater than 50% homogeneous solids. Although LANL had previously indicated that these three drums contained nitrate salts (Reference D091), they subsequently declared that they did not contain nitrate salts and specifically excluded them from the ongoing remediation process for nitrate salt containing drums (see attached email). Consequently, the three containers mentioned above were removed from waste stream LA-MHD01.001 and reassigned to waste stream LA-MIN04-S.001 (Reference DR053). More recently, however, LANL has re-examined their previous findings and has declared these three containers to be nitrate salt containing waste.

Resolution:

Containers 90872, 90883, and 90931 will be removed from LANL waste stream LA-MIN04-S.001. Since the three drums contain greater than 50% homogeneous solids, which the waste generator has declared to contain nitrate salts, they will be reassigned to waste stream LA-MIN02-V.001 (Reference NCR-LANL-0611-14).

Note: Potential changes in RCRA characterization will be addressed by a later discrepancy resolution or memo.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: James M. Schoen (Print) / (Sign) Date: 12/16/2014

Site Project Manager: Terri-Anne Groover (Print) / (Sign) Date: 12/16/14

NCR LANL-0611-14.R0

Attachment 2 Page 2 of 3

Groover, Terri-Anne

From: Mike Papp <mj_papp@msn.com>
Sent: Monday, April 06, 2015 4:08 PM
To: Groover, Terri-Anne; Amy Johns
Subject: FW: Containers 90872, 90883 and 90931 REASSIGNED TO LA-MIN02-V.001 FROM LA-MIN04-S.001
Attachments: DR105_SD.pdf

Hi Terri-Anne,

It appears the following containers have already been resolved (see below email and the attached DR105). Please let me know if this is not the case. Thanks!

NCR-LANL0611140	NA	90872	LA-MIN02-V.001	Open
NCR-LANL0611140	NA	90883	LA-MIN02-V.001	Open
NCR-LANL0611140	NA	90931	LA-MIN02-V.001	Open

Michael J. Papp, CCP AKE
Technical Specialists
Nuclear Waste Partnership, LLC Subcontractor
Work #: 720-872-8184
Cell #: 303-994-6067

From: jrfesq2@aol.com [mailto:jrfesq2@aol.com]
Sent: Friday, January 02, 2015 10:20 AM
To: 4dc.consulting@gmail.com; mj_papp@msn.com; jim.schoen@q.com
Subject: Containers 90872, 90883 and 90931 REASSIGNED TO LA-MIN02-V.001 FROM LA-MIN04-S.001

As requested, based on AK6 DR105 and Jim's associated Add Containers Memo, EMPLACED containers 90872, 90883 and 90931 have been reassigned to waste stream LA-MIN02-V.001 from waste stream LA-MIN04-S.001, and are so indicated on the recently published AKTSS....

Thanks,
Randy Fitzgerald, CCP AKE
Technical Specialists
NWP, LLC Subcontractor
505-231-7582 (LANL Cell)
214-460-7060 (Cell)

NCR - LANL - 0611 - 14 R0
Attachment 2 Page 3 of 3

DIVIDER PAGE

VOID 1-5-15

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0612-14 **Revision 0**

1. Lot No., Heat No., or Serial No. (if applicable): NA	2. Process (e.g., NDA, NDE, VE, Other): VE	3. Batch Data Report #(s): LAVE550162 VOID 01/05/15 LRJ
4. Order/Work Order/Job Control Number (if applicable): NA	5. PO # (if applicable): NA	Container #(s): 67689
	6. Supplier (if applicable): NA	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-113, Rev. 18, Section 4.3.2 Perform the following, **AND** record the applicable data for the Output Waste Container in Section 1 of Attachment 2: [G] **IF** a bag liner is used, **THEN** record YES.

7c. Actual Condition:

Section 1 was changed to indicate bag liner was not present but section 3 indicates weight for bag liner.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Terri-Anne Groover (printed name) — Terri-Anne Groover (signature) — 12-22-14 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: A

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura R. Jones (printed name) — Laura Raines Jones (signature) — 12/22/2014 (date)

per VEE direction, plastic bags are listed as packaging but are NOT liner bags; condition is NOT a nonconformance.

NCR originator
Terri-Anne Groover
Terri-Anne Groover
1-5-15

SPM / Responsible Manager
Terri-Anne Groover
Terri-Anne Groover
1-5-15

QA Engineer
Laura R. Jones
Laura Raines Jones
1-05-15

CCP RECORDS ORIGINAL

DATE REC'D 1/9/15 LRJ

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0612-14 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name signature date

16b. QA Engineer or QA Designee:

printed name signature date

Additional Approval:

printed name signature date

Additional Approval:

printed name signature date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name signature date

18. Interim Disposition Verified – QA Engineer:

printed name signature date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0612-14 **Revision 0**

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]

☐ Reject ☒ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]
1) DGL to make necessary corrections.
2) ITR to re-review and re-sign BDR.
3) SPM to review corrections.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:
Carolina Lastema (printed name) Carolina Lastema (signature) 12/22/14 (date)

21. QA Engineer or QA Designee:
Laura R. Jones (printed name) Laura Ramero Jones (signature) 12/22/2014 (date)

Additional Approval:
printed name / signature / date

Additional Approval:
printed name / signature / date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:
printed name / signature / date

23. Attachments: 1.- Email Documenting Reportability.
2.- Evidence for voiding NCR. 3.- Tag information

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:
printed name / signature / date

Jones, Laura - NWP

From: Ramirez, Mike - NWP
Sent: Monday, December 22, 2014 12:53 PM
To: Jones, Laura - NWP
Subject: RE: New NCR-LANL-0612-14

Not reportable

Mike Ramirez
Central Characterization Project
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
(575)-234-7034

From: Jones, Laura - NWP
Sent: Monday, December 22, 2014 9:31 AM
To: Chavarria, Antonio - NWP; Fitzgerald, Randy - LANL; Groover, Terri-Anne - NWP; Kantrowitz, Rich - NWP; Navarrete, Leon - TFE; Pearcy, Sheila - TFE; Ramirez, Mike - NWP; Simmons, Craig - LANL; Soaterna, Carolina - NWP; Terri-Anne Groover; Yturralde, Jewell - TFE
Cc: Walker, Mak (Maryann) - NWP; Waldram, Veronica - NWP; Ledford, Wayne - NWP; Jones, Laura - NWP
Subject: New NCR-LANL-0612-14

All – For your information
Antonio – Please apply hold tag and notify
Mike – Please review for notification purposes
Jewell – Please post this open NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR - LANL- 0612-14 Rev. 0
Attachment 1 Page 1 of 2

Jones, Laura - NWP

From: IDC (No Reply) <NOREPLY@wipp.ws>
Sent: Monday, December 22, 2014 12:53 PM
To: DL CCP QA CBFO Notify
Subject: Project Office NCR [NCR-LANL0612140] was just reviewed.

Certification Manager/Designee has just reviewed the project office NCR NCR-LANL0612140 and has indicated that it [should **NOT**] be reported to CBFO. IDC has already updated the NCR for you.

NCR – LANL-0612-14 Rev. 0
Attachment 1 Page 2 of 2

Groover, Terri-Anne

From: Thompson, James Eugene
Sent: Monday, January 05, 2015 9:42 AM
To: Groover, Terri-Anne
Subject: FW: 5ml liner bags versus 12ml filtered liner bags

Info on bag liners.

Jim

James Thompson
Visual Examination Expert
Central Characterization Project
Bartlett Services Inc.
Contractor to Nuclear Waste Partnership LLC
Office: 505-667-2933
Pager: 505-664-3415

From: Mojica, Tommy
Sent: Tuesday, November 04, 2014 12:03 PM
To: Ausmus, Peggy S; Gutierrez, Gilbert James; Minton, Robert Scott; Robida, Peter M; Hemsing, David Kerry; Candelaria, Joseph Anthony; Thompson, James Eugene
Subject: 5ml liner bags versus 12ml filtered liner bags

Per VEE the following will be followed: In the meantime we will look at a new rev for the OA.

1. We will not take credit for 5ml liner bags as "Bag Liners" folks.
2. We will only take credit for 12ml "Filtered" bags as "Bag Liners".

Per Attachment 2
Bag Liner present? yes
Closure Method: TTF
Number of Layers of Confinement: 1

Call me with any questions.....

Tommy Mojica
Central Characterization Program
Nuclear Waste Partnership LLC
Contractor for U.S. Department of Energy
CH-RH VPM
Phone: 505-665-0594
Cell: 575-302-3237
mojicat@lanl.gov

NCR - LANL-0612-14 Rev. 0
Attachment 2 Page 1 of 2

Jones, Laura - NWP

From: Groover, Terri-Anne <tgroover@lanl.gov>
Sent: Monday, January 05, 2015 10:36 AM
To: Soaterna, Carolina - NWP; Jones, Laura - NWP
Subject: NCR-LANL-0612-14
Attachments: 0339_001.pdf

Ladies
Based on email from VEE, p 1 of attached, this NCR needs to be VOIDed, see p 2-4 attached. Also there is a CCP-LANL-VE-OA-0001 rev 4 in draft right now, awaiting signatures, that delineate the 5 mil plastic bags as part of the packaging for PF-4 55 gallon "A" drum (used at TA55). Call me if there are any questions.

Terri-Anne Groover
Site Project Manager
Central Characterization Program
Nuclear Waste Partnership, LLC
Contractor to US Department of Energy
505-606-2344, office
208-569-9803, cell

The main thing that you have to remember on this journey is, just be nice to everyone and always smile.
Ed Sheeran

From: LPTSSScopier@lanl.gov [mailto:LPTSSScopier@lanl.gov]
Sent: Monday, January 05, 2015 9:32 AM
To: Groover, Terri-Anne
Subject: Attached Image

NCR – LANL-0612-14 Rev. 0
Attachment 2 Page 2 of 2

Jones, Laura - NWP

From: Chavarria, Antonio De Jesus <antonio_chavarria@lanl.gov>
Sent: Monday, January 05, 2015 10:58 AM
To: Jones, Laura - NWP; Groover, Terri-Anne - LANL
Subject: RE: NCR-LANL-0612-14

Laura:

No tag was applied to the container.

Thank you,
Antonio
Chavarria

From: Jones, Laura - NWP [mailto:laura.jones@wipp.ws]
Sent: Monday, January 05, 2015 10:57 AM
To: Groover, Terri-Anne; Chavarria, Antonio - NWP
Subject: RE: NCR-LANL-0612-14

Antonio -Terri-Anne,

Was the CCP tag applied to the container? If it was, please remove hold tag and notify before I void the NCR.

Thanks and Best Regards

Laura R. Jones
Quality Assurance NCR Coordinator
Nuclear Waste Partnership, LLC
Contractor for the U.S. Department of Energy
575-234-7244 (office)
Email: laura.jones@wipp.ws

NCR- LANL-0612-14 Rev.0
Attachment 3 Page 1 of 2

From: Groover, Terri-Anne [mailto:tgroover@lanl.gov]
Sent: Monday, January 05, 2015 10:36 AM
To: Soaterna, Carolina - NWP; Jones, Laura - NWP
Subject: NCR-LANL-0612-14

Ladies
Based on email from VEE, p 1 of attached, this NCR needs to be VOIDed, see p 2-4 attached. Also there is a CCP-LANL-VE-OA-0001 rev 4 in draft right now, awaiting signatures, that delineate the 5 mil plastic bags as part of the packaging for PF-4 55 gallon "A" drum (used at TA55). Call me if there are any questions.

Terri-Anne Groover
Site Project Manager
Central Characterization Program

Nuclear Waste Partnership, LLC
Contractor to US Department of Energy
505-606-2344, office
208-569-9803, cell

The main thing that you have to remember on this journey is, just be nice to everyone and always smile.
Ed Sheeran

From: LPTSSScopier@lanl.gov [mailto:LPTSSScopier@lanl.gov]
Sent: Monday, January 05, 2015 9:32 AM
To: Groover, Terri-Anne
Subject: Attached Image

Washington
TRU Solutions LLC

CP:06:01200
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: May 11, 2006

FROM: R. R. Chavez — LOCATION: Retrieval, Characterization & Transportation

TO: CCP Records Custodian — LOCATION: Retrieval, Characterization & Transportation

SUBJECT: TRANSMITTAL OF WASTE STREAM PROFILE FORMS FOR WASTE STREAMS LA-MHD01.001, LA-MIN03-NC.001, LA-0S-00-01.001, and LA-MHD02.001

Please accept the subject waste stream profile forms to be placed in records for the Idaho National Laboratory.

RRC:jm

Enclosures (3)

cc: (without enclosures)
Rick Chavez, WRES ED

Controlled Copy

CCP Waste Stream Profile Form

(1) Waste Stream Profile Number: LA-OS-00-01.001						
(2) Generator site name: Los Alamos National Laboratory				(4)Technical contact: Sue Peterman		
(3) Generator site EPA ID: NM0890010515				(6) Technical contact phone number: 505-665-1078		
(5) Date of audit report approval by NMED: August 27, 2004, June 23, 2005						
(7) Title, version number, and date of documents used for WAP Certification: CCP-PO-001, Rev 11, CCP Transuranic Waste Characterization Quality Assurance Project Plan, March 10, 2005 CCP-PO-002, Rev 13, CCP Transuranic Waste Certification Plan, May 9, 2005 CCP-PO-012, Rev 3, CCP/Los Alamos National Laboratory (LANL) Interface Document, April 26, 2004						
(8) Did your facility generate this waste?	YES	X	NO			
(9) If no, provide the name and EPA ID of the original generator: NA						
Waste Stream Information[1]						
(10) WIPP ID: None Available (TWBIR ID # is not available for newly generated waste, therefore the WIPP ID corresponds to WSPF # LA-OS-00-01.001)				(11) Summary Category Group: S5000		
(12) Waste Matrix Code Group: Uncategorized Metal				(13) Waste Stream Name: WIPP Eligible OSR Sealed Sources		
(14) Description from the TWBIR: NA						
(15) Defense TRU Waste:	YES	X	NO			
(16) Check One:	CH	X	RH			
(17) Number of SWBs 0	(18) Number of Drums 460			(19) Number of Canisters 0		
(20) Batch Data report numbers supporting this waste stream characterization: See Characterization Information summary (CIS) Correlation of Container Identification Numbers to Batch Data Report Numbers						
(21) List applicable EPA Hazardous Waste Codes:[2] None						
(22) Applicable TRUCON Content Codes: LA120/LA220						
(23)Acceptable Knowledge Information[1]						
[For the following, enter the supporting documentation used (i.e., references and dates)]						
Required Program Information						
(23A) Map of site: CCP-AK-LANL-008, Rev 2, May 13, 2005, Figures 1 - 5						
(23B) Facility mission description: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 2.0 and 4.2						
(23C) Description of operations that generate waste: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 4.4						
(23D) Waste identification/categorization schemes: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 4.5						
(23E) Types and quantities of waste generated: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 4.3 and 5.2						
(23F) Correlation of waste streams generated from the same building and process, as appropriate: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 4.3.2						
(24) Waste certification procedures: CCP-TP-030, Rev. 16, CCP TRU Waste Certification and WWIS Data Entry, April 22, 2005						
(25) Required Waste Stream Information						
(25A) Area(s) and building(s) from which the waste stream was generated: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 5.1						
(25B) Waste stream volume and time period of generation: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 5.2						
(25C) Waste generating process description for each building: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 4.2, 4.4, and 5.3						

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(25D) Process flow diagrams: See CCP-AK-LANL-008, Rev 2, May 13, 2005, Attachment 3			
(25E) Material inputs or other information identifying chemical/radionuclide content and physical waste form: CCP-AK-LANL-008, Rev 2, May 13, 2005, Section 5.4.1			
(26) Which Defense Activity generated the waste: (check one)			
	Weapons activities including defense inertial confinement fusion		**Naval Rectors development**
	Verification and control technology	X	**Defense research and development**
	Defense nuclear waste and material by products management		**Defense nuclear material production**
	Defense nuclear waste and materials security and safeguards and security investigations		
(27)Supplemental Documentation			
(27A) Process design documents: NA			
(27B) Standard operating procedures: See S2 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27C) Safety Analysis Reports: NA			
(27D) Waste packaging logs: See S4 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27E) Test plans/research project reports: See S5 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27F) Site databases: See S6 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27G) Information from site personnel: See S7 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27H) Standard industry documents: See S8 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27I) Previous analytical data: See S9 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27J) Material safety data sheets: NA			
(27K) Sampling and analysis data from comparable/surrogate Waste: See S12 AK#s on Attachment 1 to Summation of Aspects of AK Summary Report			
(27L) Laboratory notebooks: NA			
Sampling and Analysis Information[2]			
For the following, when applicable, enter procedure title(s), number(s) and date(s)			
(28)	Radiography: NA		
(29)	Visual Examination: See list of procedures on the attached CIS, CCP-TP-002-A3		
(30)	**Headspace Gas Analysis**		
(30A)	VOCs: NA		
(30B)	Flammable: NA		
(30C)	Other gases (specify):		
(31)	**Homogeneous Solids/Soils/Gravel Sample Analysis**		
(31A)	Total metals: N/A		
(31B)	PCBs: N/A		
(31C)	Total VOCs: N/A		
(31D)	Nonhalogenated VOCs: N/A		
(31E)	Semi-VOCs: N/A		

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CCP-TP-002, Rev. 14 Effective Date: 03/28/2005

CCP Reconciliation of DQOs and Reporting Characterization Data

CCP Waste Stream Profile Form

(31F)	Other (specify): N/A
(32)Comments:	

Reviewed by AK Expert: YES [X] Date: June 8, 2005

Reviewed by STR (if necessary): YES [X] N/A [ ] Date: June 8, 2005

Waste Stream Profile Form Certification:

I hereby certify that I have reviewed the information in this Waste Stream Profile Form, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

(33) _____ (34) S. Peterman (35) 6/29/05

Signature of Site Project Manager | Printed Name | Date

NOTE: (1) Use back of sheet or continuation sheets, if required.
(2) If radiography, visual examination, headspace gas analysis, and/or homogeneous solid/soil/gravel sample analysis were used to determine EPA Hazardous Waste Codes, attach signed Characterization Information Summary documenting this determination.

CHARACTERIZATION INFORMATION SUMMARY

WSPF# LA-OS-00-01.001 , LOT 1

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CCP Characterization Information Cover Page 002

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers 003

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CCP Reconciliation with Data Quality Objectives 008

CCP Characterization Information Summary Cover Page

WSP: #: LA-OS-00-01.001 Lot #: 1

SPQAO Review: [signature] Date: 6/23/05

SPM Review: Mark Peasley Date: 6/23/05

SPQAO signature indicates that the information presented in this package is consistent with analytical batch reports.

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Radiography (RTR/NDE)

NA

Non Destructive Assay (NDA):

CCP-TP-101 CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization Rev 0 3/17/2005

Drum Preparation, Headspace Gas Sampling and Analysis (HSG):

Headspace Gas Sampling and Analysis Evaluation for LANL Sealed Sources, LAUR-03-0917, AK Source Document D001.

Visual Examination (VE):

CCP-TP-089 CCP Sealed Source Visual Examination and Packaging 03/03/2005 Rev 0
CCP-TP-089 CCP Sealed Source Visual Examination and Packaging 04/05/2005 Rev 1
CCP-TP-089 CCP Sealed Source Visual Examination and Packaging 05/11/2005 Rev 2

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001 CCP Project Level Data Validation and Verification 8/28/04 Rev 10
CCP-TP-001 CCP Project Level Data Validation and Verification 3/23/05 Rev 11

CCP-TP-002 CCP Reconciliation of DQOs and Reporting Characterization Data 6/27/03 Rev 13
CCP-TP-002 CCP Reconciliation of DQOs and Reporting Characterization Data 3/29/05 Rev 14

CCP-TP-003 CCP Sampling Design and Data Analysis for RCRA Characterization 9/3/03 Rev 14

CCP-TP-005 CCP Acceptable Knowledge Documentation 3/31/05 Rev 15

CCP-TP-030 CCP TRU Waste Certification and WWIS Data Entry 3/14/05 Rev 15

WAP Certification:

CCP-PO-001 CCP-TRU Waste Characterization Quality Assurance Project Plan 3/10/05 Rev 11

CCP-PO-002 CCP Transuranic Waste Certification Plan 02/24/05 Rev 11
CCP-PO-002 CCP Transuranic Waste Certification Plan 03/10/05 Rev 12
CCP-PO-002 CCP Transuranic Waste Certification Plan 05/09/05 Rev 13

CCP-PO-012 CCP/Los Alamos National Laboratory (LANL) Interface Document 12/16/03 Rev 1
CCP-PO-012 CCP/Los Alamos National Laboratory (LANL) Interface Document 4/20/04 Rev 2
CCP-PO-012 CCP/Los Alamos National Laboratory (LANL) Interface Document 4/26/04 Rev 3

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

WSP: # LA-OS-00-01.001 Lot # 1

Container ID Number	Headspace Gas BDR		Rad Characterization BDR	RTR BDR	VE BDR	Solids Sampling BDR	Solids Analytical BDR	Load Management/ Overpack Yes
	Sample	Analysis						
*DB4345	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB4340	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB3721	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB4339	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB3726	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB3723	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB3724	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB3725	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB3720	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
*DB4342	PRF02L006	LA-02-HGAS/IA-006	NA	NA	NA	NA	NA	
LA00000061540	NA	NA	LA05-OSR-CH-001	NA	LA05-OSR-VE-001	NA	NA	
LA00000061515	NA	NA	LA05-OSR-CH-002	NA	LA05-OSR-VE-002	NA	NA	
LA00000061542	NA	NA	LA05-OSR-CH-003	NA	LA05-OSR-VE-003	NA	NA	

*containers analyzed to establish packaging source term VOC Concentrations.

Mark Pearcy
Signature of Site Project Manager

Mark Pearcy
Printed Name

6/23/05
Date

CCP Headspace Gas UCL90 Evaluation Form
(VOC Data associated with the packaging materials for 12 inch pipe overpack with poly sheilding)

WSPF #: LA-OS-00-01.001 **Waste Stream Lot Number** 1 through 1

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL	# Samples	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL_{90} (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
Benzene	Log	0	10	-3.54	-3.58	0.02	-3.57	10	2.30		
Bromoform	No	0	10	0.01	0.01	0.00	0.01	10	N/A		
Carbon tetrachloride	SQRT	0	10	0.13	0.13	0.00	0.13	10	3.16		
Chlorobenzene	SQRT	0	10	0.13	0.13	0.00	0.13	10	3.16		
Chloroform	SQRT	0	10	0.13	0.12	0.00	0.12	10	3.16		
Cyclohexane	No	10	10	2.60	1.98	0.44	2.17	10	N/A		
1,1-Dichloroethane	Log	0	10	-3.69	-3.73	0.02	-3.72	10	2.30		
1,2-Dichloroethane	Log	0	10	-3.61	-3.64	0.02	-3.63	10	2.30		
1,1-Dichloroethylene	Log	0	10	-3.24	-3.28	0.02	-3.27	10	2.30		
cis-1,2-Dichloroethylene	SQRT	0	10	0.14	0.14	0.00	0.14	10	3.16		
trans-1,2-Dichloroethylene	Log	0	10	-3.59	-3.64	0.02	-3.63	10	2.30		
Ethyl benzene	Log	0	10	-3.73	-3.77	0.02	-3.76	10	2.30		
Ethyl ether	Log	0	10	-3.18	-3.22	0.02	-3.21	10	2.30		
Methylene chloride	Log	0	10	-3.13	-3.18	0.02	-3.17	10	2.30		
1,1,2,2-Tetrachloroethane	SQRT	0	10	0.13	0.12	0.00	0.12	10	3.16		
Tetrachloroethylene	Log	0	10	-4.20	-4.25	0.02	-4.24	10	2.30		
Toluene	Log	10	10	-2.39	-2.83	0.24	-2.72	10	2.30		
1,1,1-Trichloroethane	Log	0	10	-4.07	-4.11	0.03	-4.10	10	2.30		
Trichloroethylene	SQRT	0	10	0.12	0.12	0.00	0.12	10	3.16		
1,1,2-Trichloro-1,2,2-trifluoroethane	No	0	10	0.01	0.01	0.00	0.01	10	N/A		
1,2,4-Trimethylbenzene[a]	Log	0	10	-3.96	-4.01	0.02	-4.00	10	2.30		
1,3,5-Trimethylbenzene[a]	No	0	10	0.02	0.02	0.00	0.02	10	N/A		
m-Xylene[b]	Log	0	10	-3.73	-3.77	0.02	-3.76	10	2.30		
p-Xylene[b]	Log	0	10	-3.73	-3.77	0.02	-3.76	10	2.30		

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CCP Headspace Gas UCL90 Evaluation Form
(VOC Data associated with the packaging materials for 12 inch pipe overpack with poly sheilding)

WSPF #: LA-OS-00-01.001 **Waste Stream Lot Number** 1 through 1

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL	# Samples	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL_{90} (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL_{90} > PRQL Yes	EPA Code
o-Xylene	SQRT	0	10	0.13	0.13	0.00	0.13	10	3.16		
Acetone	No	10	10	1.70	1.32	0.33	1.46	100	N/A		
1-Butanol	Log	0	10	-3.47	-3.51	0.02	-3.50	100	4.61		
Methanol	No	0	10	1.40	1.33	0.04	1.35	100	N/A		
Methyl ethyl ketone	No	0	10	0.05	0.05	0.00	0.05	100	N/A		
Methyl isobutyl ketone	Log	0	10	-3.86	-3.90	0.02	-3.89	100	4.61		
Chloromethane	No	5	10	0.28	0.12	0.09	0.16	10	N/A		
Formaldehyde[c]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrazine[d]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[a] These compounds are from the TRAMPAC and are flammable VOCs that do not appear in the QAPjP or the WIPP WAP. These are not part of the target analyte list, but samples may be analyzed for these compounds.

[b] These zylene isomers cannot be resolved by the analytical methods employed in the program. m-Xylene and p-Xylene will be reported as "Total m-p-Xylene."

[c] Required only for homogenous solids and soill/gravel waste from Savannah River Site.

[d] Required only for homogenous solids and soill/gravel wast from Oak Ridge National Laboratory and Savannah River Site.

Comments:

Table 4 of CCP-AK-LANL-008 Rev 2, LANL Sealed Source Packaging Container Headspace Gas VOC Concentrations for Standard 12" Pipe Overpack Component, shows the required packaging VOC Source term resulting from Headspace Gas Sampling and Analysis Evaluation for LANL Sealed Sources, LAUR-03-0917 (AK Source Document D001). VOC Concentrations documented in the AK Summary will be used as the VOC source terms entered into WWIS for additional specific packaging configurations. Additional packaging configurations for LANL Sealed Sources will be documented and evaluated within the CCP Certified program at LANL and will become part of AK prior to certification and shipping of drums with these additional packaging configurations.

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CCP Headspace Gas Summary Data

WSPF Number: LA-OS-00-01.001 Lot Number (s) 1

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (ppmv)	# Samples Containing TIC	% Detected
None	0.00	0	0.00%
NA	0.00	0	0.00%
NA	0.00	0	0.00%
NA	0.00	0	0.00%

Data Confirms Acceptable Knowledge? Yes ☑ No ☐

If no, describe the basis for assigning the EPA Hazardous Waste Codes:

*****- Not listed in 40CFR261 AppVIII**

SPM Signature Mark Peacey Date 6/23/09

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

WSP#: LA-OS-00-01.001 Lot(s)#: 1

Container Number	RTR Prohibited Items [a]	Visual Examination Prohibited Items [a]	AK Confirmation [b c]
NA	None of the containers in this Lot underwent the RTR process.	None of the containers in this Lot had any prohibited items detected in Visual Examination	Consistent with CCP-TP-005 AK Confirmation checklist

a. See Batch Data Reports
b. Attachment 13 of CCP-TP-005, *CCP Acceptable Knowledge Documentation*
c. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).

Mark Pearcy — Site Project Manager Signature
Mark Pearcy — Printed Name
6/23/05 — Date

CIS 007

CCP Reconcilliation with Data Quality Objectives

WSF# LA-OS-00-01.001 Lot # 1

SPQAO Sampling Completeness

VE:
Number of Valid Samples: 3 Number of Total Samples Analyzed:
Percent Complete: 100 (QAO is 100%)

NDA (Radiologocal Characterization)
Number of Valid Samples: 3 Number of Total Samples Analyzed:
Percent Complete: 100 (QAO is 100%)

HSG
Number of Valid Samples: 10 Number of Total Samples collected:
Percent Complete: 100 (QAO is ≥90%)
Number of Valid Samples: 10 Number of Total Samples analyzed:
Percent Complete: 100 (QAO is ≥90%)

Total VOC
Number of Valid Samples: NA Number of Total Samples collected:
Percent Complete: NA (QAO is ≥90%)
Number of Valid Samples: NA Number of Total Samples analyzed:
Percent Complete: NA (QAO is ≥90%)

Total SVOC
Number of Valid Samples: NA Number of Total Samples collected:
Percent Complete: NA (QAO is ≥90%)
Number of Valid Samples: NA Number of Total Samples analyzed:
Percent Complete: NA (QAO is ≥90%)

Total Metals
Number of Valid Samples: NA Number of Total Samples collected:
Percent Complete: NA (QAO is ≥90%)
Number of Valid Samples: NA Number of Total Samples analyzed:
Percent Complete: NA (QAO is ≥90%)

SPQAO Signature and Date: [signature] 6/23/05

I certify that sufficient data have been collected to determine the following Program-required waste parameters:

	Y/N/NA	Reconcilliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The waste matrix code identified is consistent with the type of sampling and analysis used to characterize the waste.
4	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.

CCP Reconcilliation with Data Quality Objectives

WSF#	LA-OS-00-01.001	Lot # 1
5	Y	Potential Flammability. Is there sufficient AK or analytical data to demonstrate that the waste meets the potential flammability limits (Headspace Gas, BDR and Summary Sheet)?
6	Y	Mean concentrations, UCL90 values for the mean concentration, standard deviations, and the number of samples collected for each VOC in the headspace gas of each container were calculated and compared with the program required quantitation limits, as reported in CCP-TP-003-A3, and additional EPA Hazardous Waste codes were assigned as required. Samples were randomly collected (when appropriate).
7a	NA	Mean concentrations, UCL90 values for the mean concentration, standard deviations, and the number of samples collected for total VOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003-A4, and additional EPA Hazardous Waste codes were assigned as required. Samples were randomly collected.
7b	NA	Mean concentrations, UCL90 values for the mean concentration, standard deviations, and the number of samples collected for total SVOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP TP 003 A5, and additional EPA Hazardous Waste Codes were assigned as required. Samples were randomly collected.
7c	NA	Mean concentrations, (UCL90) values for the mean concentration, standard deviations, and the number of samples collected for total metals were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP TP 003 A6, and additional EPA Hazardous Waste codes were assigned as required. Samples were randomly collected.
8	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under 40 CFR 261, Subpart C.
9	Y	Waste stream can be classified as hazardous or nonhazardous at the 90-percent confidence level.
10	Y all containers undergo VE technique.	Sufficient number of waste containers have been visually examined to determine the UCL90 for the miscertification rate is less than 14%.

CIS 009

CCP Reconcilliation with Data Quality Objectives

WSF# LA-OS-00-01.001 Lot # 1

11	Y	Appropriate packaging configuration and Drum Age Criteria (DAC) is applied and documented in the headspace gas sampling documentation, and the drum age met prior to sampling.
12	Y	TICs were appropriately identified and reported in accordance with the requirements of Section B3-1 of the QAPjP.
13	Y	The PRQLs for headspace gas VOCs were met for all analyses as evidenced by the analytical batch data reports.
14		The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections B3-2 through B3-9 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.

	Completeness	Comparability	Representativeness
VE Technique used Instead of Radiography	NA	NA	NA
Headspace Gas Sampling and Analysis	Y	Y	Y
Headspace Gas Analysis	NA	NA	NA
Solids Sampling	NA	NA	NA
Total VOCs	NA	NA	NA
Total SVOCs	NA	NA	NA
Total Metals	NA	NA	NA

Mark Pearcy
Signature of Site Project Manager

Mark Pearcy
Printed Name

6/23/05
Date

CIS 010

SUMMATION OF ASPECTS OF AK SUMMARY REPORT: LA-OS-00-01.001

Overview:

The Los Alamos National Laboratory (LANL) Off-site Source Recovery (OSR) Project has been tasked to dispose of sealed sources for which recycling or reuse is not viable and that the Department of Energy (DOE) has declared to be waste. The majority of TRU waste stream LA-OS-00-01 is comprised of Pu-239 sealed sources, which have been determined by DOE to meet the definition of defense waste as defined in the Nuclear Waste Policy Act. For non-Pu-239 sources, source-specific documentation is collected in accordance with procedures documenting use of the source in defense-related activities. Sources including Am-Be neutron test sources and Pu-238/Be sources are known to be defense-related because they were used in the U.S. Naval Reactors Program, Naval Nuclear Propulsion Program, U.S. Air Force, Lawrence Livermore National Laboratory defense research, or other defense activities. Drums in this waste stream are generated by consolidating defense related sealed sources into metal or plastic containers that are then placed into metal pipe overpack components (POC) in 55-gallon drums.

This summation of the AK Summary Report includes information to support Waste Stream Profile Form (WSPF) number LA-OS-00-01.001 for WIPP Eligible OSR Sealed Sources. The primary source of information for this summation was CCP-AK-LANL-008, *Central Characterization Project Acceptable Knowledge Summary Report for Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Source, Waste Stream: LA-OS-00-01.001, Revision* 2, dated May 13, 2005. CCP-AK-LANL-8 includes information obtained from numerous sources, including source manufacturer sales catalogues, purchase records, fabrication documents, TRU batch material analytical data, national source-tracking database, Nuclear Regulatory Commission (NRC) material transfer forms, Special Form documentation, and waste generation and management information.

Waste Stream Identification Summary:

Site Where TRU Waste Was Generated:	Los Alamos National Laboratory
Waste Stream Name:	WIPP Eligible OSR Sealed Sources
Waste Stream Number:	LA-OS-00-01.001
Dates of Waste Generation:	2001 to present
Facility Where TRU Waste Was Generated:	Technical Area (TA) TA-3, TA-18, TA-54, and TA-55
Summary Category Group:	S5000 – Debris Waste
Waste Matrix Code Group:	Uncategorized Metal
Waste Matrix Code:	S5100
Waste Stream TWBIR Identification:	NA[1]
Waste Stream Volume:	101 55-gallon drums (current) 359 55-gallon drums (projected)
RCRA EPA Hazardous Waste Numbers:	None
TRUPACT-II Content Code (TRUCON):	LA120/LA220

[1] Identification Number is not specifically listed in the TWBIR

Waste Stream Description and Physical Form:

Waste Stream LA-OS-00-01.001 is non-mixed inorganic debris waste comprised of defense-related sealed sources recovered from off-site locations and packaged by the OSR project. The sealed sources consist of radionuclide (actinide) solids (e.g., Am, Pu, AmBe, PuBe) that are encapsulated in metal (non-VOC bearing) jackets or casings. The waste container contents meet the definition of sealed sources per 10 CFR §30.4 and 10 CFR §835.2 (effective January 1, 2004), evidence of which is assembled as part of the AK documentation on an ongoing basis. The sealed sources are U.S. Department of Transportation Special Form Class 7 (Radioactive) Material per 49 CFR §173.403 (effective October 1, 2003), the certification of which is assembled as part of the AK documentation. Only sources that meet these definitions are included in this waste stream.

The majority of OSR TRU waste stream LA-OS-00-01 is comprised of Pu-239 sealed sources, which have been determined by DOE to meet the definition of defense waste as defined in the Nuclear Waste Policy Act (Reference C004). For non-Pu-239 sources, source-specific documentation is collected in accordance with OSR procedures (Reference P004) documenting use of the source in defense-related activities. Sources including Am-Be neutron test sources and Pu-238/Be sources are known to be defense-related because they were used in the U.S. Naval Reactors Program, Naval Nuclear Propulsion Program, U.S. Air Force, Lawrence Livermore National Laboratory defense research, or other defense activities (References C002, C005, C006, and D011).

Sealed sources generated by the LANL OSR project are similar in material, physical form and chemical constituents. Small differences from one defense-related source to another are insufficient to require delineation as separate waste streams. All sealed sources currently identified for WIPP disposal contain plutonium (Pu) or americium (Am), may or may not contain beryllium (Be) to create neutron emission, and have similar physical construction.

This waste stream is assigned Waste Matrix Code S5100.

Point of Generation - Area and Building of Generation

This waste stream is generated by the LANL OSR Project at the following facilities used for the receipt, nondestructive assay (NDA), storage, or packaging of OSR Project sealed sources: Technical Areas (TA) TA-3, TA-18, TA-54, and TA-55. Sealed sources are collected and packaged at various off-site locations.

Generating Process

Project personnel identify sealed sources for collection, obtain documentation for them, and arrange for their recovery from off-site locations. The DOE may declare a sealed source to be waste if it is not suitable for recycling or reuse. In this case, sealed sources that are designated as defense related and potentially meeting the criteria for WIPP disposal enter the process for WIPP certification.

Project personnel perform characterization and packaging activities, including assembling AK documentation and conducting visual examination (VE) during packaging of the sealed sources. All sealed sources in this waste stream are characterized as newly generated waste. Records of the design history/specifications and radiological content are assembled and compiled as part of the AK documentation for each TRU sealed source. Detailed, source-specific information for each individual source is compiled into the AK record, including documentation on the content and design/construction from the NRC Source and Device Registry and the manufacturer or owner, the original shipping papers and specification sheets, data from the NRC/DOE Nuclear

Materials Management and Safeguards System database and other physical information about the source.

Source-specific AK information is compiled once a source is identified for recovery. This information is included in the batch data reports prepared during packaging and radiological characterization of the source. During VE at the time of packaging, the VE of the source verifies that the source represented by the documentation is the actual source that is packaged.

Sealed sources are the only non-packaging items in the waste container. Therefore mixing with other waste does not occur. This is verified using the VE technique at the time of packaging. Sealed sources that are special form may be placed in a metal or Lexan (plastic polymer) container to consolidate the sources. The source containers are then placed into the metal POCs that are centered within cane fiberboard dunnage or neutron-shielding material (depending upon packaging configuration) and placed into 55-gallon drums. The packaging configurations that may be used include a standard pipe overpack with 12-inch pipe component, S100, S200, or S300 overpacks. OSR Project sealed source information is well documented by the source manufacturers and verified during VE. No additional waste is added to the waste container during packaging. No radioactive waste is generated during the packaging process.

Sealed source waste drums are shipped to LANL and received at Technical Area (TA) 3 by the Materials Management organization (BUS-4) and dispositioned for interim storage. The waste containers are stored pending CCP characterization activities and shipment to WIPP.

RCRA Determinations - Hazardous Waste Determinations

Ignitability, Corrosivity, Reactivity

Waste generated in this waste stream does not qualify for any of the exclusions outlined in 40 CFR 260 or 261. VE is used to verify that the waste stream is not a liquid waste and does not contain explosives, non radioactive pyrophoric materials, compressed gasses or reactive waste. OSR Project sealed sources constitute closed systems (manufactured, solid isotopic sources sealed in a metal jackets or casings) (References M005) that preclude the introduction of extraneous materials that would be ignitable, reactive, or corrosive. The waste itself is not ignitable, reactive, or corrosive. VE performed during packaging of the sealed sources into drums is used to verify the absence of ignitable, reactive, or corrosive wastes (References P001, M031), including liquids. Therefore, this waste stream does not exhibit the characteristic for ignitability (D001), corrosivity (D002), or reactivity (D003) (References C001, D002).

Ignitability

Ignitable materials are not present in this waste stream. The waste does not exhibit the characteristic of ignitability as identified in 40 CFR 261.21. Visual examination of the waste during the Central Characterization Project confirmation activities ensures the absence of liquids in the waste stream. There are no oxidizers present as defined in 49 CFR 173.151. The hazardous waste number for ignitability (D001) does not apply to this waste stream.

Corrosivity

Corrosive materials are not present in this waste stream. The waste does not exhibit the characteristic of corrosivity as identified in 40 CFR 261.22. This waste is not liquid. Therefore the characteristic of corrosivity (D002) does not apply to this waste stream.

Reactivity

Reactive wastes are not included in this waste stream. Although some sealed sources contain lithium, no lithium is present in the sealed sources waste stream LA-OS-00-01.001 (Reference M035). Therefore, the EPA hazardous waste number for reactivity (D003) is not assigned to this waste stream.

Toxicity Characteristic

The wastes in this waste stream do not exhibit the characteristic of toxicity per 40 CFR 261.24. OSR Project sealed sources do not contain solvents or any other constituents that qualify as toxicity characteristic hazardous waste. Analytical data on typical source jacket material (stainless steel and silver solder) do not exceed the toxicity characteristic leaching procedure (TCLP) regulatory limits (Reference D002).

Lead may be present in POC package assemblies as shielding. Lead as packaging is not considered waste (Reference M039).

Listed Waste

The materials in this waste stream were not mixed with or derived from waste listed in 40 CFR 261, Subpart D as a hazardous waste from non-specific sources.

U, K, and P-Listed Chemicals

This waste stream was not mixed with a discarded commercial chemical product, an off-specification commercial chemical product, or a container residue or spill residue thereof (40 CFR 261.33). Therefore no U, K or P-listed hazardous waste numbers have been applied to this waste stream (Reference C001, D002, M003, M033).

There is no indication that pure product or unused waste chemicals were placed into the TRU waste stream. Therefore, this waste stream is not a U- or P-listed waste.

Beryllium

Beryllium is present in many sealed sources at greater than one percent weight concentration (nominally 30%), and the physical form is typically powder or sintered solid. However, EPA has concurred that Be-containing sealed sources are not P-listed because the Be is not a sole active ingredient (Reference C001 and D002). This form of beryllium does not meet the definition of the commercial chemical product beryllium powder (40 CFR 261.33) and P015 is not applied.

Conclusion

No EPA hazardous waste numbers apply to this waste stream.

Polychlorinated Biphenyls

This waste stream is not regulated under the Toxic Substances Control Act (TSCA) as defined in 40 CFR 761. No PCBs were introduced into this TRU waste stream, based on documentation in procedures reviewed during the AK investigation and summarized in lists of inputs documented in the TA-55 process reports. Therefore PCB waste not authorized under an EPA PCB waste disposal authorization is not in this TRU waste stream. The absence of un-authorized PCBs in this waste stream is verified during the generation and packaging of radioactive waste.

Prohibited Items

The absence of prohibited items is determined and documented through acceptable knowledge and confirmation activities. Visual examination is performed on each container in this waste stream as a confirmation activity. The following were not identified in the waste:

- Liquids
- Non-radioactive pyrophoric materials
- Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, or other wastes
- Explosives or compressed gases
- Waste with PCBs not authorized under an EPA PCB waste disposal authorization
- Waste exhibiting the characteristics of ignitability, corrosivity, or reactivity
- Non-mixed hazardous wastes

Each container of waste is certified and shipped only after VE either:

- Did not identify any prohibited items in the waste container, or
- All prohibited items found in a waste container by VE are identified and corrected (i.e., eliminated or removed) through the site non-conformance reporting system.

Headspace Gas/Volatile Organic Compound Information

On March 15, 2004 the NMED approved a permit modification request removing the requirement for headspace gas sampling for LANL sealed source meeting specific criteria in the WIPP Waste Analysis Plan. Headspace gas sampling and analysis of waste containers containing pipe overpack components belonging to this LANL sealed sources waste stream is not required because compliance with the following criteria from the WAP Section B-3a(1)(ii) has been determined and documented using CCP procedures;

- All LANL sealed sources will be characterized as newly generated waste.
- The waste container contents meet the definition of sealed sources per 10 CFR §30.4 and 10 CFR §835.2 (effective January 1, 2004), evidence of which must be assembled as part of the AK documentation.
- Sealed sources must be the only non-packaging items in the waste container, which must be verified using the VE technique at the time of packaging.
- The sealed sources must be U.S. Department of Transportation Special Form Class 7 (Radioactive) Material per 49 CFR §173.403 (effective October 1, 2003), the certification of which must be assembled as part of the AK documentation.
- The integrity of each sealed source must be validated by documented contamination survey results to meet the requirements of 10 CFR §34.27 (effective January 1, 2004), which must be assembled as part of the AK documentation.
- Each sealed source must be, or be contained in, a rigid sealed container less than or equal to 4 liters in size, which must be verified using the VE technique at the time of packaging.
- AK documentation does not indicate the use of VOCs or VOC-bearing materials as constituents of the sealed sources.
- The outer casing of each sealed source must be of a non-VOC bearing material, which must be verified using the VE technique at the time of packaging.

A packaging VOC source term for this waste stream has been established for each headspace target analyte listed in Table B-3 as required by the WAP Section B-3a(1)(iii). This information was included in the WIPP Hazardous Waste Facility Perm Modification Request dated November 13, 2003 and approved on March 15, 2004. No UCL_{90} values exceeded respective analyte PRQLs. The specifics of this information are included in the attached Characterization

Information Summary report. This waste stream VOC source term will be re-evaluated per the WIPP HWFP Section B-3a(1)(iii) if any significant change (e.g., change in material or change in manufacturer) is made to the packaging materials used in the sealed sources waste stream. If needed, changes to respective source term data will be made in the WWIS.

Transportation

This waste stream and its chemical constituents have been reviewed for consistency with the listed TRUCON codes and they are consistent.

The waste stream contains less than 1 weight percent depleted uranium.

Beryllium is present in many sealed sources at greater than one percent weight concentration (nominally 30%), and the physical form is typically powder or sintered solid (Reference D011). Total beryllium will not exceed 5 kilograms since the total of all sealed sources within a 55-gallon drum does not exceed five kilograms (References M005, and P001).

Radionuclide Information

Radiological Characterization

The waste stream is contaminated primarily (by weight) with Pu-239 and Pu-238 (Reference M036). Previous data were evaluated to determine the radionuclide distribution in the waste stream. The evaluation identified the isotopes listed in the table below.

Table 1 – Radionuclides in Waste Stream

WIPP Tracked Radionuclides	Other Radionuclides
Am-241	U-235
Cs-137	Pu-241
Pu-238	
Pu-239	
Pu-240	
Pu-242	
Sr-90	
U-233 NA	
U-234	
U-238	

Payload management is not planned for this waste stream.

Attachment 1 – AK Source Documents – Supplemental Documentation

Source Document Number	Supplemental AK Number	Document Title	Date
C001	O4	Lowrance,1992, EPA Determination on RCRA Status of Americium / Beryllium Sealed Sources	06/16/92
C002	NA	Letter from R.E. Glass (DOE/AL) to J.C. Browne (LANL)	02/10/2000
C005	NA	Memo to Ken Hargis, LANL, re: Transfer Planning Letter for Shipment of Special Nuclear Material UCNI	06/10/99
C006	NA	Memos to S. Leonard or others re: Release of Sources to DOE UCNI	03/01/00
C004	NA	Letter from J. Roberson to Dr. I. Triay re: Plutonium-239 Sealed Sources	09/08/03
C007	O1	Memo to L. Leonard re: Special Form Character of MRC-N-SS-W-AmBe Sealed Sources	11/03/99
C008	S16	Memo to J. McAlpin re: Drum Weights w/ RTR Scale	10/20/04
C009	S7	E-mail to J. Whitworth re: Major TRU Sealed Source Manufacturers	02/09/05
D002	O4, O9, S5	Kimer., RCRA Designation of Discarded Americium / Beryllium Sealed Sources. Report DOE/LLW-195	09/94
D004	S16	Leonard et al., The Off-Site Source Recovery Project at Los Alamos. Report LAUR-99-6218	01/01/99
D005	O1, O2, O9, O16	*OSR Summary of Sealed Source Types, OSR Project*	04/11/00
D006	O12, S5	LAUR 99-6553, report entitled Encapsulation and Source Activities of Alpha-N Neutron Sources	01/07/00
D008	O1, O2, O6, O8, O9, O12, O15, O17	WSMS-LOS-03-0064; Transmittal of QA records for the sealed source peer review	12/12/03
D010	O2, O6, O9	AEA Technology (Amersham) Source Catalogue, Applications Section	08/09/02
D011	O2, O9	"Special Form Documentation for AmBe and PuBe Neutron Test Sources"	03/01/91

Attachment 1 – AK Source Documents – Supplemental Documentation

Source Document Number	Supplemental AK Number	Document Title	Date
D012	O2, O17	"Engineering Evaluation of New England Nuclear Model NER-478C Sealed Source as Special Form Radioactive Material"	05/24/01
D014	O4	"Inspection and Recanning Program of PuBe Neutron Sources," M. Hertz	01/07/64
D015	S16	"Characterization of Actinide–Bearing Sealed Sources by Acceptable Knowledge – Justification and Methods"	05/22/03
D022	O2	Test Report for LANL on 3" Special Form Radioactive Material Capsules	08/23/01
M001	S16	J. McAlpin, Summary of Waste Stream Containers	07/24/04 & 01/18/05
M002	S12, O5	Batch Data Report excerpts showing headspace gas data	11/22/02
M003	S7, S16	LANL, ESH-19 database. ESH ID #99-0026.	03/04/99
M004	NA	LANLWaste Profile Form (WPF) #31353 for Transuranic Beryllium Waste	09/05/00
M005	S8, O4, O8, O9, O12, O15, O18, O16	Nuclear Regulatory Commission, Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Sealed Source, http://www.hsrd.ornl.gov/nrc/sources/index.cfm	Various
M006	S6, O15	Nuclear Materials Management and Safeguards System, NMMSS Report SS-2	12/31/85
M007	O7, O8, O11, O12, O13	Monsanto manufacturing document for defense source	09/27/01
M012	O9, O18	Drawings, Monsanto Research Corporation	11/15/02
M013	O12	Monsanto Chemical Company Shipping Data for Pu Alpha Sources	03/14/61
M014	O13	Monsanto Welding Test Records	07/18/02
M015	O12, O14	Monsanto Shipping Records for Pu-238 Batch Material	Various 1975 - 1978
M016	O12, O14	Monsanto Shipping Records for Am-241 Batch Material	Various

Attachment 1 – AK Source Documents – Supplemental Documentation

Source Document Number	Supplemental AK Number	Document Title	Date
M017	S6, O12, O14	Gamma Industries Am-241 Sealed Source Data	Various
M018	O12	Arco Form 741s	11/27/00
M019	S16	Special Form Container Traveler Sheets	08/06/02
M020	O16	Nuclear Material Information System Listing of Sealed Sources by RIS	09/30/75
M021	S8, O1, O14	Am-241 Analysis on Product Batches in DOE Sales Pool	06/20/01
M022	O1, O2, O3, O16, O17	Northrop Grumman Manufacturer's Data	10/20/03
M023	O1, O2, O17	Manufacturer's Data Package for Kentucky Sources	10/20/03
M024	S8, O1, O3, O7, O12	NUMEC and Cornell Manufacturer's Data Package	06/04/63
M025	S8, S12, S13, O1, O3, O7, O8, O9, O10, O12	Characterization Data Package for LLNL Sources	Various 1983 – 2002
M026	O8, O9, O12, O14	Characterization Data for Pu-239/Be Sources Manufactured at Monsanto (MRC)	Various
M027	O3, O9, O12	Monsanto Manufacturing Data for Knolls Sources	1967 – 1978
M028	S8, S9, O14	Analytical Chemistry Reports	01/01/84
M031	S4, S16, O1, O4	Container Packaging and VE Data Records	Various
M032	O3	Contamination Survey Forms	Various
M033	O4	LANL storage waste profile forms (WPFs) from LANL FWO-SWO	08/15/00
M034	O2, O9	Special Form Certificates	Various
M035	NA	Waste Stream Profile Form for LA-OS-00-01, Change Notice No. 1	05/15/03
M036	NA	Calculation of Prevalent Radionuclides	10/26/04

Attachment 1 – AK Source Documents – Supplemental Documentation

Source Document Number	Supplemental AK Number	Document Title	Date
M039	NA	EPA Position on Lead as Shielding in Waste Containers	1987 – 2004
M038	S5, O7, O8, O9, O12	Mound site Purchase Orders and Shipping Data, P2010 #1072	Various
M041	O6, O9	NUMEC Plutonium Beryllium Neutron Sources Catalog	1962
M042	O6, O9	Monsanto Radioactive Source Catalog	03/15/68
M043	O12	Oak Ridge Data Sheets for Pu-238 Shipments	1977-1978
M044	O10	General Atomic Battery Data	06/10/71
M045	O2	Documentation of Sources in Special Form Capsules	Various
M046	S8, O6, O9, O11	ARCO Nuclear Technical Document 039274	04/15/74
M047	O10	General Atomic QA Data on PuN Capsules	09/21/72
M048	O10	General Atomic QA Data on Battery 3b89	02/07/72
M049	O10	General Atomic QA Data on Battery 3b73	12/14/71
M052	O12	Shipping Documents from Donald Douglas to Gulf Atomic	1973-1974
M053	S2, S7, O1, O16	Information on U.S. Army TACOM Sealed Sources	06/10/02
M054	O7, O9	Monsanto Data for Pu-238/Be Neutron Sources Shipped to Gulf Energy	February 1973
P001	S2, S16, O1	CCP Sealed Source Visual Examination and Packaging, CCP-TP-069	01/11/01 - Present
P002	S2	CCP OSR Sealed Source Radiological Characterization, CCP-TP-101 (Draft)	3/2005
P003	S2	Off-Site Source Recovery Transuranic Waste Interface Document, OSR-MISC-002.	02/08/01
P004	S2, O16	"Recovery, Transport, and Storage of Off-Site Source Recovery Project Material," OSR-OP-100	09/30/04

Attachment 1 – AK Source Documents – Supplemental Documentation

Source Document Number	Supplemental AK Number	Document Title	Date
P005	S2, O5	OSR Project – VOC Evolutions from Packaging Materials	06/02/04

Alphanumeric Designations

C Correspondence
D Documents (e.g. published reports)
M Miscellaneous (e.g. unpublished data)
P Procedures
U Unpublished Documents

AK Numbers For Supplemental Documentation

S1 Process Design Documents
S2 Standard Operating Procedure
S3 Safety Analysis Reports
S4 Waste Packaging Logs
S5 Test plans/research project reports
S6 Site databases
S7 Information from site personnel
S8 Standard industry documents
S9 Previous analytical data
S10 Material safety data sheets
S11 Laboratory Notebooks
S12 Comparable or surrogate sampling and analysis data
S13 Other
S14 Safeguards and Security and other related information
S15 NMMA logs or inventory records or other related information
S16 Packaging

O1 Evidence that the waste meets the definition of a sealed source
O2 Documentation that sources are Special Form, such as certificates
O3 Contamination survey results for each source reference requirements of 10CFR34.27.
O4 Documentation that the sources contain no VOC-bearing materials
O5 Headspace gas data supporting a packaging VOC source term
O6 Source manufacturer's sales catalogues
O7 Source purchase records
O8 Manufacturer fabrication documents
O9 Manufacturer drawings
O10 Fuel capsule assembly reports
O11 Manufacturer's operational procedures for meeting cleanliness requirements
O12 Manufacturer's shipping documents or records
O13 Manufacturer welding records
O14 TRU batch material records

O15 National database radiological information (e.g., NMMSS, NRC Device Registry)
O16 NRC or state regulatory licensing information
O17 Documentation of physical markings on the outer source casing or labels attached to devices housing sources
O18 Unique physical description attributed to specific source models

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PAGE

Washington
TRU Solutions LLC

CP:08:00250
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: April 16, 2008

FROM: R. P. Kantrowitz R.P. Kantrowitz LOCATION: Project Certification

TO: CCP Records Custodian GSA-103 LOCATION: Retrieval, Characterization and Transportation

SUBJECT: SUBMISSION OF CHANGE NOTICE #1 FOR WASTE STREAM PROFILE FORM LA-OS-00-01.001

Attached is Change Notice #1 for the Waste Stream Profile Form (WSPF) LA-OS-00-01.001 for Off-Site Source Recovery Project Sealed Sources generated at Los Alamos National Laboratory.

The WSPF was approved by DOE/CBFO on July 26, 2005.

RPK:jmc

Attachment

cc: (without attachment)

R. R. Chavez, WRES ED
M. L. Sensibaugh, WTS ED

Washington
TRU Solutions LLC

WRES:06:175
UFC:5822.00

December 6, 2006

Mr. D. H. Haar, Assistant General Manager
Retrieval, Characterization and Transportation
Washington TRU Solutions LLC
P.O. Box 2078
Carlsbad, NM 88221-2078

Subject: UPDATE FOR WIPP OPERATING RECORD WIPP ELIGIBLE OSR SEALED SOURCES (LA-OS-00-01.001) CHANGE NOTICE #1

Dear Mr. Haar:

Washington TRU Solutions LLC, on behalf of the Permittees, has evaluated Change Notice Number 1 for CCP-Los Alamos Waste Stream Profile Form (WSPF) LA-OS-00-01.001. We have concluded that the WSPF is complete and that the waste stream determination was made in accordance with applicable procedures and guidance.

We therefore approve the Change Notice as submitted. Using the methods approved at Los Alamos, Los Alamos may enter the data into the certification and shipping modules of the WIPP Waste Information System.

If you have any questions on this matter, please contact me at (505) 234-7545.

Sincerely,

D. T. Bignell, Manager
Regulatory Compliance

DTB:rlj

Enclosure

cc: A. Holland, CBFO ED
C. Fesmire, CBFO ED
K. Watson, CBFO ED
V. Waldram, LANL ED
P. Gilbert, LANL ED
CBFO M&RC

Washington
TRU Solutions LLC

WRES:06:176
UFC:5822.00

December 6, 2006

Mr. James Bearzi, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 E. Rodeo Park Drive, Bldg. 1
Santa Fe, NM 87505

Subject: UPDATE FOR WIPP OPERATING RECORD WIPP ELIGIBLE OSR SEALED SOURCES (LA-OS-00-01.001) CHANGE NOTICE #1

Dear Mr. Bearzi:

Washington TRU Solutions LLC, on behalf of the Permittees, has approved the Change Notice Number 1 for CCP-Los Alamos Waste Stream Profile Form LA-OS-00-01.001.

Enclosed is a copy of the approved form as required by Section B-5a of the WIPP Hazardous Waste Facility Permit, No. NM4890139088-TSDF.

If you have any questions on this matter, please contact me at (505) 234-7545.

Sincerely,

D. T. Bignell, Manager
Regulatory Compliance

DTB:rlj

Enclosure

cc: (without enclosure)

J. Kieling, NMED	ED
S. Zappe, NMED	ED
C. Fesmire, CBFO	ED
K. Watson, CBFO	ED
W. Ledford, CTAC	ED
P. Gilbert, LANL	ED
V. Waldram, LANL	ED
C. Walker, TechLaw	ED
CBFO M&RC	
WIPP Operating Record	486-06

P.O. Box 2078 • Carlsbad, New Mexico USA 88221-2078
Phone: (505) 234-7200 • Fax: (505) 234-7083

WIPP Eligible OSR Sealed Sources
(LA-OS-00-01.001)
Change Notice #1
Update for WIPP Operating Record

Please add the following information to the WIPP Operating Record for Waste Stream Profile Form (WSPF) LA-OS-00-01.001. This waste stream is WIPP Eligible OSR Sealed Sources and was approved by DOE/CBFO on July 26, 2005.

This WSPF is being revised. The WSPF components are bolded. The updates are:

1. **WSPF, Date of audit report approval by NMED**

   Update the audit approval date to include August 31, 2006.

2. **WSPF, Waste Stream Information, Generator Site EPA ID**

   Revise the Generator Site EPA ID as follows: NM08900150515

3. **WSPF, Title, version, number, and date of documents used for WAP Certification**

   Update the following procedures:

   CCP-PO-001, CCP Transuranic Waste Characterization Quality Assurance Project Plan, rev. 13, November 16, 2006.

   CCP-PO-002, CCP Transuranic Waste Certification Plan, rev. 18, November 16, 2006

   CCP-PO-012, CCP/LANL Interface Document, rev. 5, November 16, 2006

4. **WSPF, Waste Stream Information, Waste Stream Information, Number of Drums**

   Update the Number of Drums from 460 to 681.

5. **WSPF, new item entitled Waste Material Parameter Weight Estimates Per Unit Waste**

   Add the following new item. See Table entitled Waste Stream LA-OS-00-01.001 Waste Material Parameters as described in Item 9.

6. **WSPF, Required Program Information, Required Waste Stream Information, and Supplemental Documentation**

Update reference CCP-AK-LANL-008, Revision 2, May 13, 2005 to CCP-AK-LANL-008, Revision 4, July18, 2006.

7. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Overview**

   Update reference CCP-AK-LANL-008, Revision 2, May 13, 2005 to CCP-AK-LANL-008, Revision 4, July18, 2006.

8. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Waste Stream Identification Summary, Waste Stream Volume**

   Revise the waste stream volume as follows:

   681 55-gallon drums (current)
   0 55-gallon drums (projected)

9. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, new section entitled Waste Material Parameter Weight Estimates**

   Add a new section entitled Waste Material Parameter Weight Estimates that includes the following information.

   Waste material parameters for waste stream LA-OS-00-01.001were derived from VE data from WIPP Eligible OSR Sealed Sources by the CCP TRU Waste Certification Program at LANL. VE of the available inventory to date and acceptable knowledge information indicate the waste material parameters of the special form sealed sources is 100% other metal.

   The waste material parameter, average weight percent and weight percent range are presented in the following table.

   Waste Stream LA-OS-00-01.001Waste Material Parameters

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Other Metals/Alloy	100 %	0 - 100 %
Total Inorganic Waste Avg.	100	
Total Organic Waste Ave.	0	

Reason/Justification for the Change

The Generator Site EPA ID has been revised to correct a typographical error.

The audit report approval date(s) have been revised to reflect the most recent approval dates.

Documents used for WAP certification have been revised to reflect the most recent revisions.

The waste stream volume has been revised to reflect the current volume generated for this waste stream.

Reference to CCP-AK-LANL-008, Revision 2, May 13, 2005 is being updated to reflect the most recent revision, CCP-AK-LANL-008, Revision 4, July18, 2006.

Waste material parameter weight estimates per unit waste and the method for determining those estimates have been incorporated to meet revised WIPP Hazardous Waste Facility Permit requirements as described in CCP-PO-001, Section B3-12.

Update for the WIPP Operating Record (LA-OS-00-01.001) certification:
I hereby certify that I have reviewed this Update for WIPP Operating Record, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Site Project Manager	SM Peterman/SPM Printed Name and Title	12/5/06 Date

DIVIDER

PAGE

URS

CP:10:01412
UFC: 5900.00

Washington TRU Solutions LLC

INTER-OFFICE CORRESPONDENCE

DATE: June 28, 2010

FROM: S. M. Peterman LOCATION: Certification

TO: CCP Records Custodian GSA-212 LOCATION: Retrieval, Characterization and Transportation

SUBJECT: TRANSMITTAL OF APPROVED CHANGE NOTICE #2 FOR LOS ALAMOS NATIONAL LABORATORY ELIGIBLE OFF-SITE SOURCE RECOVERY SEALED SOURCES (OSR-00-01.001)

Please accept this approved Change Notice for the Los Alamos National Laboratory Eligible Off-Site Source Recovery Sealed Sources (OSR-00-01.001).

If you have any questions regarding this submission, please contact me at (505) 606-2344.

SMP:yhs

Attachment

cc: (without attachment)
W. Cameron
M. Pearcy
C. A. Stepzinski
J. I. Tenorio

ORIGINAL

WIPP Eligible OSR Sealed Sources
(LA-OS-00-01.001)
Change Notice #2
Update for WIPP Operating Record

Please add the following information to the WIPP Operating Record for Waste Stream Profile Form (WSPF) LA-OS-00-01.001. This waste stream is WIPP Eligible OSR Sealed Sources and was approved by DOE/CBFO on July 26, 2005. Change Notice 1 was approved on December 6, 2006.

This WSPF is being revised. The WSPF components are bolded. The updates are:

1. **WSPF, Date of audit report approval by New Mexico Environment Department (NMED)**

   Update the NMED audit approval dates to include: June 2, 2008, September 2, 2008, and July 24, 2009.

2. **WSPF, Waste Stream Information, Generator Site EPA ID**

   Revise the Generator Site EPA ID as follows: NM0890010515.

3. **WSPF, Title, version, number, and date of documents used for WAP Certification**

   Update the following procedure revision numbers and approval dates:

   CCP-PO-001, CCP Transuranic Waste Characterization Quality Assurance Project Plan, Revision 17, June 23, 2009

   CCP-PO-002, CCP Transuranic Waste Certification Plan, Revision 23, April 7, 2010

   CCP-PO-012, CCP/Los Alamos National Laboratory (LANL) Interface Document, Revision 7, May 8, 2008

4. **WSPF, WIPP ID**

   Replace the WIPP ID with the following: LA-OS-00-01.001[3]

   Add footnote 3 to page 3 and state the following: TWBIR numbers LA-OS-00-01-S and LA-OS-00-01.001-S also apply.

5. **WSPF, Description from the TWBIR**

   Revise the description from the TWBIR as follows:

Off-Site Source Recovery (OSR) sealed sources are radionuclide (actinide) solids (e.g., Am, Pu, AmBe, or PuBe) that are encapsulated in metal jackets. The actinides are either metal or metal oxides.

6. **WSPF, Waste Stream Information, Waste Stream Information, Number of Drums**

   Update the Number of Drums from 681 to 2,194.

7. **WSPF, Required Waste Stream Information, Which Defense Activity generated this waste**

   Add a footnote to this section as follows:

   Defense activities entitled: defense nuclear material production, naval reactors development, defense nuclear waste and materials security and safeguard and security investigations, and defense nuclear waste and material by product management also apply to this waste stream.

8. **WSPF, Required Program Information, Required Waste Stream Information, and Supplemental Documentation**

   Update reference CCP-AK-LANL-008, Revision 4, July 18, 2006 to Revision 8, February 22, 2010.

9. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Overview**

   Update reference CCP-AK-LANL-008, Revision 4, July 18, 2006 to Revision 8, February 22, 2010.

   Update the reference title to: CCP-AK-LANL-008, *Central Characterization Project Acceptable Knowledge Summary Report For LOS ALAMOS NATIONAL LABORATORY OFF-SITE SOURCE RECOVERY PROJECT SEALED SOURCES: WASTE STREAMS LA-OS-00-01.001, LA-OS-00-03, AND LA-OS-00-04.*

10. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Waste Stream TWBIR Identification & footnote 1**

    Replace NA[1] with LA-OS-00-01.001[1]

    Replace footnote 1 with the following: TWBIR numbers LA-OS-00-01-S and LA-OS-00-01.001-S also apply.

11. **Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Waste Stream Identification Summary, Waste Stream Volume**

    Revise the waste stream volume as follows:

    1,066 55-gallon drums (current)
    1,128 55-gallon drums (projected)

12. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Waste Stream Description and Physical Form

Delete the second sentence in paragraph one and insert the following information.

The sealed sources contain varying amounts and combinations of plutonium (Pu), americium (Am), or other TRU nuclides, and may contain beryllium (Be), lithium (Li), or other light elements (such as boron, carbon and fluorine) to create neutron emission. There are also combination sources containing Cs-137 in this waste stream. Primarily, these combination sources consist of Am-241/Be, Pu-238/Li, or Am-241/Li coupled with a Cs-137 gamma emitter.

Delete paragraph 2.

13. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Ignitability, Corrosivity, Reactivity

Delete the existing references at the end of the paragraph and replace them with the following references.

(References C001, C032, C035, D002, D003, D031 and M133).

14. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Reactivity

Delete the following sentence from paragraph 1: "Although some sealed sources contain lithium, no lithium is present in the sealed sources in waste stream LA-OS-00-01.001."

Include the following information in place of the deleted information.

Lithium is present in some of the sources in this waste stream. All lithium sources are doubly encapsulated, with the nuclide/lithium mixture contained in a welded stainless steel cylinder additionally encapsulated in an outer welded stainless-steel capsule thereby rendering these sealed, special form sources non-reactive. (Reference D031)

15. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Toxicity Characteristic

Delete the existing references at the end of the first paragraph and replace them with the following references.

(References C001, C002, C032, C035, D002, D003, D031, M003, M004, M033 and M133).

16. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Listed Waste

Add the following references to the end of the first paragraph.

(References C001, C032, C035, D002, D003 and D031).

Update the following references at the end of the first paragraph entitled U, K, and P-Listed Chemicals.

(References C001, D002, M003, M005, M007, M033 and P001).

17. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Prohibited Items

Add the following information to the listing of prohibited items:

- Waste that has ever been managed as high-level waste and waste from tanks specified in Table B-8 of the WIPP HWFP, unless specifically approved through a Class 3 permit modification.
- Any waste container from a waste stream (or waste stream lot) which has not undergone either radiography or visual examination of a statistically representative subpopulation of the waste stream in each shipment, as described in WIPP HWFP Attachment B7.

18. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, table entitled Waste Stream LA-OS-00-01.001 Waste Material Parameters

Revise the table entitled Waste Stream LA-OS-00-01.001 Waste Material Parameters as follows:

Waste Material Parameter	Average Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	85%	0.0 - 100 %
Other Metals	15 %	0.0 – 30.0 %

19. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Radiological Information, Radiological Characterization

Revise to two most prevalent isotopes by weight to Pu-239 and Am-241.

20. Summation of Aspects of AK Summary Report: LA-OS-00-01.001, Attachment 1, AK Source Documents, Supplemental Documentation

Add the following source documents to Attachment 1:

C032, OSRP Correspondence on Lithium Sources are nonreactive and confirmation to be added into Waste Stream LA-OS-00-01.001, 03/20/08 through 07/10/08

C035, Waste Stream # LA-OS-00-01.001 Characterization of Sources Containing "Other Light Metals", 01/21/09

D003, Hazardous Waste Determination for Actinide-Bearing Sealed Sources to be Received at LANL, 02/25/05

D031, Waste Determination of Encapsulated Radioactive Sources Containing Small Quantities of Lithium, 04/00/08

M133, Characterization of Am-241/Be/Cs-137 Combination Sources, 05/31/07

Reason/Justification for the Change

The NMED audit approval dates have been updated to reflect the most recent audits.

The EPA ID has been revised to correct a typographical error.

Documents used for WAP certification and the AK Summary Report have been updated to reflect the most current revisions and titles.

The WIPP ID and Description from the TWBIR have been updated to include 2009 ATWIR numbers and the predominant ATWIR description.

The waste stream volume has been revised to reflect the current volume generated and projected for this waste stream, as well as the addition of lithium sealed sources.

The response to waste stream profile question "Which Defense Activity generated this waste?" has been revised to reflect all of the defense activities that generated this waste.

The waste stream description and physical form has been updated to reflect revision to CCP-AK-LANL-008.

References have been added for completeness and to reflect the addition of lithium sealed sources to the waste stream. References have been added to the Ignitability, Corrosivity, Reactivity, Toxicity Characteristic, and Listed Waste sections of the Summation to ensure consistency with other CCP waste stream profiles. Attachment 1 of the Summation of Aspects has also been updated to reflect the addition of five new references. AK element numbers S1-S12 do not apply to these references.

The Reactivity Section has been revised to include a discussion about lithium sealed sources. In a 2003 NMED correspondence regarding *NMED Comments on Waste Stream Profile Form LA-OS-00-01.001 (WIPP Eligible OSR Sealed Sources)*, a more detailed description of "light elements" such as lithium, and a hazardous waste determination which addressed the reactivity of lithium-bearing sealed sources was requested. At that time, the Department of Energy Carlsbad Field Office (CBFO) responded that lithium-bearing sources were not part of waste stream LA-OS-00-01.001. Subsequent evaluation of the lithium-bearing sealed sources has shown that these sources are eligible for inclusion into waste stream LA-OS-00-01.001 because they are not reactive. The basis for this determination is as follows: the lithium-bearing sources are clad in multiple welded protective layers which precludes the lithium from being exposed to the elements thereby also precluding the lithium sources from being reactive. The lithium sealed sources that are added to this waste stream are similar in material, physical form and hazardous constituents to waste currently in this waste stream.

Therefore, there is no impact to the EPA HWNs assigned to waste stream LA-OS-00-01.001.

Added information to the Prohibited Items section to reflect changes to Attachment B of the permit since the WSPF was approved.

The table entitled Waste Stream LA-OS-00-01.001 Waste Material Parameters has been updated to reflect current waste stream information.

Revised the two most prevalent isotopes to reflect current analytical information.

Update for the WIPP Operating Record (LA-OS-00-01.001) certification:
I hereby certify that I have reviewed this Update for WIPP Operating Record, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Site Project Manager	Sue Peterman, SPM Printed Name and Title	6/15/10 Date

URS

Washington TRU Solutions LLC

COPY

WRES:10:180
UFC:5822.00

June 16, 2010

Mr. C. G. Fesmire, TRU Waste Integration Manager
Carlsbad Field Office
U.S. Department of Energy
P.O. Box 3090
Carlsbad, NM 88221-3090

Subject: REVIEW OF UPDATE FOR THE WIPP OPERATING RECORD (CHANGE NOTICE #2) WIPP OSR ELIGIBLE SEALED SOURCES (LA-OS-00-01.001)

Dear Mr. Fesmire:

Washington Regulatory and Environmental Services (WRES) has reviewed the subject Change Notice #2 for waste stream number LA-OS-00-01.001 in accordance with the provisions of WP 08-NT.03, Waste Stream Profile Form Review and Approval Program. WRES recommends that this change notice be approved.

The complete Change Notice #2 and comments and resolutions from the review team are enclosed. For your convenience, also enclosed are the draft transmittal letters.

If you have any questions, please contact me at Extension 7545.

Sincerely,

Steve Kahn

for R. R. Chavez
Regulatory Compliance

KG:dg

Enclosures (3)

cc: C. Gadbury, CBFO ED
M. Navarrete, CBFO ED
K. W. Watson, CBFO ED
P. F. Gilbert, LANL ED
G. Lyshik, LANL ED
CBFO M&RC

UNIQUE #	DOE UFC	DATE REC'VD	ADDRESSEES
1001617	5822.00	JUN 16 2010	C. Fesmire C. Gadbury M. Navarrete K. Watson

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C244
Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001, LA-MIN04-S.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Interview regarding the processes used by Energy Solutions to Package Waste at the WCRRF, Buildings 231 and 375	
Source Document Reference Information (author(s), document and revision number, date, publisher): Elizabeth Licklitar, NA, Rev. NA, May 2014, P2010-3696	

AK # [b]	Source Doc. Page #[c]	AK Information Summary
PR4, PR7, WS2, WS4, WS8, WS11, WS12, S7, S16	Throughout	The document consists of thirteen interviews conducted the week of May 12, 2014 at Los Alamos National Laboratory (LANL) with current and former employees of Energy Solutions. One interview was with a subcontractor to Energy Solutions. The interviews provided information regarding the processes used by Energy Solutions to package waste at the WCRRF, Buildings 231 and 375. The interviews were conducted for the purpose of acquiring additional information for the AK on LANL waste. Trey Greenwood and Elizabeth Licklitar of Technical Specialists conducted the interviews. Sign-in sheets reflect that Todd LaPointe (DOE Accident Investigation Board); Cort Fessmire (DOE, CBFO); and Jose Jerez (Energy Solutions Project Manager) were present. Overall these interviews reveal the following: 1. The absorbent used in the WCRRF facility was Swheat brand, an organic kitty litter. On occasion, when they were out of Swheat kitty litter, purchases of kitty litter were made at local grocery stores. 2. Liquids were not consistently neutralized. In the WCRRF Facility powder neutralizer was used early in the waste packaging process and at some point there was a change to a liquid neutralizer. Operators indicated the liquid neutralizer worked better and allowed them to get liquids to a neutral pH. Prior to using the liquid neutralizer liquids were not always neutralized to a 7. One operator stated "sometimes we try for hours to neutralize." Another operator commented "...we have added a whole gallon and after 45 minutes or an hour the pH is still the same so at that point we solidify the liquid by adding kitty litter." 3. Ratios involved in neutralization and absorbing activities were not consistent. The first ratio of absorbent to liquid/nitrate salt was 1 ½ to 2:1 ratio and was eventually changed to a 3:1 ratio. Operators indicated throughout the interviews that measurements were typically estimated or eyeballed.

CCP RECORDS ORIGINAL
DATE REC'D 7/21/15 MR

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: C244
AK # [b]	Source Doc. Page # [c]	AK Information Summary

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns , Amy Johns Date: 6/15/2015

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – Record of Communication – Example Form

Corresponding Source Document Tracking No: C244 ; C045; C113; C069; C039; C028		
Interviewer: Trey Greenwood & Elizabeth Lickliter	Date: May 12-15, 2014	Time: Various
Interviewee: Energy Solutions, LANL Contractors	Group/Organization: Job Title: Operators	Phone:N/A E-mail: N/A
Subject: Interviews of Energy Solutions Operators		
Summary: See Attached Documents		
Data Limitations: None		

8/13/2015

Acceptable Knowledge Expert: Elizabeth Lickliter / Elizabeth Lickliter Date: 8/13/2014
Print Sign

Elizabeth Lickliter 8/13/2015

NTPC RECORDS ORIGINAL
DATE REC'D 3-13-14

P2010-3696

Elizabeth Ludwiter	AKE, Tech Spec	575502371
David E. Frederici	LANL LTP DDP PM	505 665-6539
JAY WILSON	ENERGY SOLUTIONS PM	5056550103
Jose Jerez	Energy Solutions PM	801-243-3506
Vince Rodriguez	ES General Manager	5056998108
Michael Romero	LANL LTP QC PM	505 2310564
TODD LAPOINTE	DOE-HQ EM-41, WIDP AIB Board Member	301-525-7931
ROBERTO R. TORRES	NNSA FAC. REP.	505-967-9632
COURTLAND FESMIRE	DOE CBFO	575-706-0044
Scott Miller	LTP-SSS Proj Mgr	505665-8862
Sam Disalle	LTP	505 699-2082 (~~505-500-5138~~ 505-606-2134

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. FRANCISCO ARCHULETA WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions (ES) for 5 years. I have been at WCCR for 2 years and before that was at T39, TA54.

We are currently dealing mostly with containers that have nitrate salts. Before we get started on any waste processing we make sure that we have kitty litter in the glovebox, we bag the litter into the glovebox maybe a gallon at a time, give or take. When we find a liquid we take pH reading to make sure it is neutral, we absorb the liquid, and discard the waste into the daughter and continue to process the daughter.

We clean the glovebox really good after each daughter container is processed. We changed from the powder neutralizer to a liquid - that change happened a while ago, months ago. We reached a point that the powder neutralizer wasn't as effective. We could only bag about a gallon of the powder into the glovebox. With the new liquid neutralizer a couple of ounces work great. We can always get to 7 with the liquid neutralizer – we didn't always get to 7 with the powder neutralizer.

I don't recall processing nitrate salts at the beginning in WCCR. (See notes from comments by Jose)

The majority of the time we used Swheat kitty litter, a few times we were running low and we had to go out to the store to purchase kitty litter.

We see DOE representatives every few weeks to ensure we are following procedures they are good support for us.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. FRANCISCO ARCHULETA WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions (ES) for 5 years. I have been at WCCR for 2 years and before that was at T39, TA54. & TA-21. I Also told them in the last year period, I was back & forth between 54 & WCRRF.

We are currently dealing mostly with containers that have nitrate salts. Before we get started on any waste processing we make sure that we have plenty of kitty litter in the glovebox, ~~we bag the litter into the glovebox maybe a gallon at a time, give or take.~~ When we find a liquid we take pH reading ~~to make sure it is neutra~~l, we absorb the liquid, and discard the waste into the daughter and continue to process the daughter.

We clean the glovebox really good after each daughter container is processed. We changed from the powder neutralizer to a liquid - that change happened a while ~~ago, months ago~~. We reached a point that the powder neutralizer wasn't as effective. We ~~could~~ only bag about a gallon of the ~~powder~~ into the glovebox. With the new liquid neutralizer a couple of ounces work great. We can always get to 7 with the liquid neutralizer – we didn't always get to 7 with the powder neutralizer.

I don't recall processing nitrate salts at the beginning in WCCR. (See notes from comments by Jose)

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We see DOE representatives every few weeks to ensure we are following procedures they are good support for us.

PAGE ONE OF ONE

Francisco Archuleta
5.21.14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 1/8/18

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. ROBERT BACA WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for Energy Solutions and have been with them for 5 years. I have been a supervisor for about 1 year. I work in building #231. I have been at the #231 facility for about 5 years. During this time we have processed waste that includes scrap metal, HEPA filters, glove boxes and other debris.

We are currently on a box line – SWB. These are FRP boxes going into B-12, B-25 being repackaged into SWBs. We inspect for prohibited items like free liquids.

When we complete are checks we close-up, we size reduce materials with sawzalls.

When operators encounter free liquids they tell me, they estimate the amount of liquids on the floor, we pH check the liquids, we double check for verification, we document the pH on the attachment. If condensate we take care of with Waste Lock. We use a powder neutralizing agent and we have had success with it. We have used the powder since I have been at the facility.

We do not encounter a liquid that is a base very often, if we do encounter a base we use a powder – think it is New Pig brand. While on the box line if we have liquid we use the entire kit on rad release.

Excess neutralizing material is kept in the box it is not thrown in with the waste. We don't see nitrate salts or cemented waste in this facility. (Jose Jerez comment - 90% of the free liquids we see are typically rain water that have penetrated over the years).

We see the DOE representatives pretty often. We see Roberto, Darlene and Lisa quite a bit. My management is pretty well involved and we have good communication with our production manager.

We get two readings on pH and write it into the log book, we have someone who tracks the information in the paperwork and they might "jump" to the line in the afternoon, we make comments in the paperwork if we have unusual encounters. I keep a log of what I see, it's not required but I keep one.

I can't recall opening anything with a reaction. We drum out aerosol cans separately. We wipe down the cans to make LLW.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

Roberto

MR. ~~ROBERT~~ BACA WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for Energy Solutions and have been with them for 5 years. I have been a supervisor for about 1 year. I work in building #231. I have been at the ~~#231 facility~~ for ~~about~~ 5 years. During this time we have processed waste that includes scrap metal, HEPA filters, glove boxes and other debris. TA 55 and sludge

We are currently on a box line – SWB. ~~These are~~ The FRP boxes being cut up and TRU waste being repacked into SWBs ~~being repackaged into SWBs~~. We inspect for prohibited items like free liquids. load into SWBs and close up

When we complete are checks we ~~close up~~, we size reduce materials with sawzalls.

When operators encounter free liquids they tell me, they estimate the amount of liquids on the floor, we pH check the liquids, we double check for verification, we document the pH on the attachment. ~~If condensate~~ if liquid encountered we take care of with Waste Lock. We use a powder neutralizing agent and we have had success with it. We have used the powder since I have been at the facility. also included EAT liquid neutralizer

We do not encounter a liquid that is a base very often, if we do encounter a base we use a powder – neutralizer think it is New Pig brand. While ~~on the box line if we have liquid~~ we use the entire kit on rad release. and pH to make this neutralized becoming Blueboxes

Excess neutralizing material is ~~kept in the~~ taken out of box it is not thrown in with the waste. We don't see nitrate salts or cemented waste in this facility. (Jose Jerez comment - 90% of the free liquids we see are typically rain water that have penetrated over the years).

We see the DOE representatives pretty often. We see Roberto, Darlene and Lisa quite a bit. My management is pretty well involved and we have good communication with our production manager.

We get two readings on pH and write it into the log book, we have someone who tracks the information in the paperwork, ~~and they might "jump" to the line in the~~ afternoon, we make comments in the paperwork if we have unusual encounters. I keep a log of what I see, it's not required but I keep one. the paperwork person may also sample the

I can't recall opening anything with a reaction. We ~~drum~~ Bag out aerosol cans separately. We wipe down the cans to ~~make LLW~~. Decon and it may possibly go out LLW or taken to ~~waste~~ Werf to be dealt with

Roberto Baca

5/27/14

Gina M. Sanchez

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
Comm Expires 2/8/18

MR. CHRIS ELLIS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for Energy Solutions and have been with them for 2 years. Prior to this I worked for AMWTP. I am in Bldg #375.

For the past year, the waste I have processed includes glove boxes, wrapped plastic, a lot of foam material and PIDs.

When my guys get a box they get the SEDS to do a preliminary survey. They see if the numbers match and if they match they take the drum inside and cut off the FRP or the plywood. If it is less than 25,000 it goes into the Bull Runs B25.

We use the FRP base as something to take the drum out on, we look inside, there is 8" filter on the box itself, once hooked-up we change gloves, we get a good reading and get debris out thru the 8" or 16" port bag out, the debris goes into the SWB, once cleaned we do the preliminary survey for hot spots, then decision with Jay whether Rad1 or Rad2 or just a wipe out. We spray and scrub down the box, get readings, back within limits close we wrap the box in fire retardant wrap, strap it and out it goes.

Sometimes we have liquids. If we find free liquids we pH test, we get with IH people and if good we use Waste Lock 770 and bag out. If the pH is off we neutralize, we add based on acid or base. The neutralizer is a powder with the same MSDS, once done we bag up into an SWB.

If we have more than 5 liters of liquid we have to get approval for it through Jay or Leah. We gather intel, check for an odor, if there is a problem we pause and get LANL AK. We get permission from the critical guys before we proceed. Rain water doesn't neutralize. Our neutralizer has worked very well.

One operator stays on the paperwork and follows along with the paperwork telling exactly what we did.

There are some anomalies, stuff that is out of the ordinary. It usually is nothing that I haven't already seen, this is my field of expertise.

I have been involved in one incident where when we neutralized liquid we got a mist. We paused and got Industrial Hygiene (IH) involved. IH said reaction was from neutralizer hitting the water. We never changed from the neutralizer we were using which was always a powder. When we do use something new it has to go through a whole process. They give all the information to Energy Solutions, and LANL. When we get approval we get trained and have to sign a roster.

In some cases we have to test after we neutralize. You can't go from a 14 to an "oh it's o.k. now." We shot for 7.

We see DOE and ES management almost every day. Bottom-line is that we are handling TRU waste and a lot of people are always down there.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. CHRIS ELLIS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for Energy Solutions and have been with them for 2 years. Prior to this I worked for AMWTP. I am in Bldg #375.

For the past year, the waste I have processed includes glove boxes, wrapped In plastic, a lot of foam material and PIDs. The boxes are often filled with foam, tools and sometimes PID's

When my guys get a box ~~they~~ we get the SEDS to do a preliminary survey. ~~They~~ We check see if the numbers match and if they match they take the ~~drum~~ box inside and cut off the FRP or the plywood. If it is less than ~~25,000~~ 50,000 It goes into the Bull Runs B25. or appropriate Container

We sometimes use the FRP base as something to take the ~~drum~~ glovebox out on, we look inside, there is 8" filter on the box for ventelation itself, once hooked-up we change gloves, ~~we get a good reading and~~ get debris out thru the 8" or 16" port bag out, the debris goes into the SWB, once cleaned we do the preliminary survey for hot spots, then decision with Jay whether Rad1 or Rad2 or just a ~~wipe out~~. use appropriate cleaner We spray and scrub down the box, get readings, back within limits close we wrap the box in fire retardant wrap, strap it and out it goes.

and hook up the air movers to the other end

Sometimes we have liquids. If we find free liquids we pH test, we get with IH people and ~~if good~~ Netralise we use Waste Lock 770 and bag out. If the pH is off we neutralize, we add based on acid or base. The neutralizer is a powder with the same MSDS, once done we bag up into an SWB. absorb it

If we have more than 5 liters of liquid we have to get approval for it through ~~Jay or Leah~~. We gather intel, ~~check for an odor~~, If there is a problem we pause and get LANL AK. We get permission from the critical guys before we proceed. ~~Rain water doesn't neutralize~~. Our neutralizer has worked very well.

One operator stays on the paperwork and follows along with the paperwork telling exactly ~~what we did.~~ Where we are

There are some anomalies, stuff that is out of the ordinary. It usually is nothing that I haven't already seen, this is my field of expertise.

I have been involved in one incident where when we ~~neutralized liquid we got~~ added Rad reagent and got a mist. We paused and got Industrial Hygiene (IH) involved. IH said reaction was from ~~neutralizer~~ acid hitting the water. We never changed from the neutralizer we were using which was always a ~~powder~~ Perfidied Neutralizer When we do use something new it has to go through a ~~whole~~ approval process. They give all the information to Energy Solutions, and LANL. When we get approval we get trained and have to sign a roster. Provides product information

~~In some cases we have to test after we neutralize. You can't go from a 14 to an "oh it's ok. now."~~ We shot for 7. after We neturalise we check for proper P.H

We see DOE and ES management almost every day. Bottom-line is that we are handling TRU waste and a lot of people are always down there.

Chris R Ellis
05/27/14

Gina M. Sanchez

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 2/8/18

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. BRIAN GALLEGOS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have been with Energy Solutions for a little over 2 years. I started in March 2012. I work in TA-50. This is the first time I have worked as a waste handler.

My training consisted of classroom training in HAZ Worker, RAD Worker 1 &2, Cube Crane, lead, beryllium. After I completed the classroom portion of training I went to the site for OJT. I was assigned to a qualified operator. I was not allowed to do anything without a qualified operator with me. I couldn't put my hands in the gloves without a qualified operator supervising. I was signed off in three months. I had to pass a test before I was signed off on,

We attempted to neutralize liquids before rev 37 of the procedure was approved.

Gilbert does log book comments, sometimes we try for hours to neutralize. I never took pH on salts that looked damp because when you put the drum on its side the liquids would run out into a stub-out bag. We kept pH strips in the glovebox. We would check before you bag out another. These were the type pH strips that change colors and you try to match the color.

We would shake and mix and let sit before re-taking pH. We tried to get between 6 and 7 before it dried. Most of the time you have to get liquids in one daughter drum because of the amount of kitty litter needed to absorb. The first daughter of a family could be all liquid. The weight of the drums might tell you how much liquid was in the drum.

We tried to avoid pipe overpacks and create more daughters. You would have drums with 3 or 4 daughters. The first drum might weigh 120 pounds and be all kitty litter. Otherwise the drums would be 300 pounds. Depending on who is responsible for writing up the paperwork for the day you might have entries about pH. I never wrote the pH down; I would write that I neutralized the liquid. What typically happens is that the operator has his hands in the glovebox and tells the person taking notes what to write down. The operator would say things like have lead, and how full a container with liquids was. The paperwork person would ask the operator t estimate the amount of liquid. Very rarely would we open a nitrate salt drum without liquids.

I have seen a reaction in the glovebox once that was a yellow smoke it came from a 55 gallon drum that was really degraded and was totally degraded inside. I never saw degraded 85 gallon drums just degraded 55 gallon drums.

We would see a DOE representative once every 2 weeks.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. BRIAN GALLEGOS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

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~~We attempted to neutralize liquids before rev 37 of the procedure was approved.~~ AND OPS CENTER

Gilbert does log book comments, sometimes we try for hours to neutralize. ~~I never took pH on salts that looked damp because~~ when you put the drum on its side the liquids would run out into a stub-out bag. We kept pH strips in the glovebox. ~~We would check before you bag out another.~~ These were the type pH strips that change colors and you ~~try~~ to match the color.

We would shake and mix and let sit before re-taking pH. We tried to ~~get~~ between 6 and 7 ~~before it dried~~. Most of the time you have to get liquids in one daughter drum because of the amount of kitty litter needed to absorb. The first daughter of a family could be all liquid. ~~The weight of the drums might tell you how much liquid was in the drum.~~

~~We tried to avoid pipe overpacks and create more daughters~~. You would have drums with 3 or 4 daughters. The first drum might weigh 120 pounds and be all kitty litter. Otherwise the drums ~~would be~~ 300 pounds. Depending on who is responsible for writing up the paperwork for the day you might have entries about pH. I never wrote the pH down; I would write that I neutralized the liquid. What typically happens is that the operator has his hands in the glovebox and tells the person taking notes what to write down. The operator would say things like have lead, and ~~how full a container with liquids was. The paperwork person would ask the operator estimate the amount of liquid~~. Very rarely would we open a nitrate salt drum without liquids.

I have seen a reaction in the glovebox ~~once~~ that ~~was~~ yellow smoke it came from a 55 gallon drum that was really degraded and was totally degraded inside. I never saw degraded 85 gallon drums just degraded 55 gallon drums.

We would see a DOE representative once every 2 weeks.

PAGE ONE OF ONE

Brian Gallegos
5-27-14
1525

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 8/8/18

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. MIGUEL GONZALEZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions (ES) for two years. I am in WCCR now but have also worked in building. #412. I worked at WCCR for the first time in 2012.

When we process drums we open and look at the SEDS, we check to see why the drum was rejected for things like prohibited items. Susan Ramsey puts together the information packet. If the reject drum comes from CCP there will be a data sheet on why the drum was rejected (i.e., great than 4 liters of liquid). If the prohibited item is a liquid we are required to pH test, determine if it is an acid or base, neutralize and add kitty litter to absorb. We use a 3:1 ratio, we perform this work in a stub-out bag. We will use a mallet to knock up chunks. There aren't many with the nitrates, sometimes they can be baseball chunks and everything is moist in the nitrate salts. The bags in the drums are usually degraded and the waste in the bags is just a solid mass – nothing contained in separate bags. We attempt to neutralize the acid to 5-7 and then we add kitty litter to neutralize.

The process has changed since I was first at WCCR in 2012. We used to have clay kitty litter (Zeolite), it would just sink to the bottom of the liquids and wouldn't absorb. The regular kitty litter I believe arrived by 2012.

We mixed salts with absorbent in bag-out stump. We knew to mix everything by eye-balling. We would look to see that we had a consistent blend, eye-balling the 3:1 ratio.

When we RCT a drum lid if waste was ever over 190 degrees it went into a pipe over pack (POC).

After a first reading I have never down-blended. I take a dose and know if it will have to go into a POC.

We take dose on debris before blending for operator safety. We mix kitty litter and take another dose. We pretty much know after the first reading if it will be a POC. We put kitty litter in the POC. Before we started using the kitty litter we would get 6-7 POC's out of every parent that we reprocessed. The POC stuff ended up looking like a gel.

When I have salt and debris in a drum, I deal with the salt and then put the remainder in the second can. Plastic bags with nitrate salt may go into a drum without debris. I have never seen a DOE representative in the area when I was processing. I see my supervisors a lot but not so much my upper management.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. MIGUEL GONZALEZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions (ES) for ~~two~~ 5 years. I am in WCCR now but have also worked in building. #412. I worked at WCCR for the first time in 2012.

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What was the R.

Can be

The process has changed since I was first at WCCR in 2012. We used to have clay kitty litter ~~(Zeolite)~~, it would just sink to the bottom of the liquids and ~~wouldn't absorb~~. The regular kitty litter I believe arrived by 2012.

But would absorb in about a few minutes

We mixed salts with absorbent in bag-out ~~stump~~ stub. We knew to mix everything by eye-balling. We would look to see that we had a consistent blend, eye-balling the 3:1 ratio.

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any more

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could

? Don't remember saying this

When I have salt and debris in a drum, I deal with the salt and then put the remainder in the second can. Plastic bags with nitrate salt may go into a drum without debris. I have never seen a DOE representative in the area when I was processing. I see my supervisors a lot but not so much my upper management.

My main focus is inventory control and do not frequent the facility! I see DOE a few times a week in the OPS center but I am not in the facility often to see how much they observe processing.

Miguel Gonzales 5/27/14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 2/8/18

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. JOSE JEREZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I am the Production Manager for Energy Solutions (ES). I have been a waste handler for 15 years and at WCCR for 2 ½ years. I started as a Shift Operations Supervisor and then became the Production Manager. I was the first Production Manager for ES.

The waste handled by ES includes 55 gallon drums of debris, nitrate salts, cemented cans, and PPE room trash material.

When we get drums from the TA54 Area G, the shipment came in for processing and waste acceptance. We looked at drums to make sure they were intact and not bulging. We reviewed the Safety Evaluation Data Sheets (SEDA). This form gave the operator the parent drum numbers and when that was checked the drum was brought into the facility. The drum was wiped down and if the waste was in an 85 gallon drum we denested it.

The operators wore respirators inside the box. When they first opened the drum they would look at the SEDA for a quick description of the waste. Waste was processed into the daughter drums and when the drum was generated we would call the outside operator. The whole "family" of drums was then moved to transportation.

New hire operators for ES spent 2 – 3 weeks at the ES offices working on basic training after that was done they report to WCCR and are assigned to an operator for On-The-Job (OJT) for 2 to 3 months. All the work done by new operators is under the direct supervision of an OJT trainer who is a fully qualified operator. After the 2 – 3 months the OJT trainer will determine if the new hire is qualified by going through a set of questions with them. These questions are in the ES Qualification Package.

We started re-doing (repackaging) of the nitrate salt drum probably in November or December of 2012. I remember a meeting to discuss that Wasteloc was not working and that we needed to go into using kitty litter. We started using a 1 1/2 to 2:1 ratio but we were having no success so we moved to a 3:1 ratio. I don't think that Wasteloc was passing RTR to get to WIPP because it was dewatering. We started using the kitty litter in May 2012.

I was in the facility when we started with Pipe Overpacks that had already been packaged with Waste Lock; this was towards the end of 2012. We weren't using clay kitty litter at that time; the procedure was to use Zeolite/kitty litter. I remember having meetings on the ratio. The procedure said to use organic kitty litter so we went out to get litter and found the Swheat Kitty Litter. All drums were packaged with organic kitty litter since September 2012. We did not change kitty litter because of any issues with dust in the box.

Facility Operations Representatives (Department of Energy) are usually on the site 2 -3 times per week.

John Roberson the Industrial Hygienist evaluates the chemicals that we use.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

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when drums were being D-Nested

The operators wore respirators ~~inside the box~~. When they first opened the drum they would look at the ~~SEDA~~ SEDs for a quick description of the waste. Waste was processed into the daughter drums ~~and~~ when the ~~drum was generated~~ we would call the outside operator. The whole "family" of drums was then moved to ~~transportation~~ Transportainer. Completely Processed.

Parent

New hire operators for ES spent 2 – 3 weeks at the ES offices working on basic training after that was done they report to WCCR and are assigned to an operator for On-The-Job (OJT) for 2 to 3 months. All the work done by new operators is under the direct supervision of an OJT ~~trainer~~ who is a fully qualified operator. After the 2 – 3 months the OJT ~~trainer~~ will determine if the new hire is qualified by going through a set of questions with them. These questions are in the ES Qualification Package.

instructor

instructor

The procedure at first was to write use

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stated by Trey

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kitty litter /zeolite

Facility Operations Representatives (Department of Energy) are usually on the site 2 -3 times per week.

John Roberson the Industrial Hygienist evaluates the chemicals that we use.

5/22/14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 3/8/18

MR. GILBERT MARTINEZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions for six years and have been at WCCR for five years. For the first three months I worked for ES I was in Tennessee.

I am currently a supervisor and oversee both inside and outside activities. If I get a question from the line and can't answer it I go to my supervisor to have it answered.

At WCCR we process nitrate salts and debris drums. Nitrate drums are processed as follows:

The nitrate salt drums that we process at WCCR are not processed or blended. The containers are poly lined, lead lined or high contamination. We lift the lead liner lid first, next we breach the poly. About 90% of the time there is free liquid in the drum and we run it out into a stub-out bag. We check the pH of the liquids, typically when we are working the nitrate salt drums that are acid. We neutralize the liquids as best we can. Sometimes we use ½ gallon or ¾ gallon and the pH still doesn't go down. There are times when we have added and added and it just takes more time. We have added a whole gallon and after 45 minutes or an hour the pH is still the same so at that point we solidify the liquid by adding kitty litter. We use a 3:1 ratio. We add 3:1 ratio to everything out of the drum.

I know at times we had higher ratio like 1 ½ to 1 when we were using Waste Lock 770.

The waste gets poured from the stub out bag into the daughter. Everything that came out of the drum (liquid, salts) gets put back into the drum.

We manually shake the kitty litter and liquid in the stub-out bag like you would do on a cement tarp, we visually check to see if the mixture is looks the same. (homogenous)

Debris drums are processed:

The debris drums are rejects from CCP RTR that are sent to be repackaged. If it's new waste it may be stuff that TA-55 has had for a while. When they fast scanned these drums they may have found liquids or pressurized cans. The MHD01 waste was a sister to the nitrate salts.

In some debris drums you might get a couple of bags of salts that you would bag and horsetail.

Anything with nitrate salts was the same thing; you open all packages and go through everything. If you had a vial or container with a liquid in it you would pH test, neutralize and solidify if necessary. Pressurized cans would be wiped and we bagged those cans into a larger can. If a can had a hole in it we would smash the can. We can't puncture in WCCR, those cans get taken out. When we get the list for the reject we go through the drums thoroughly to find the prohibited item, we dump all the items and open everything.

Interview of Gilbert Martinez

Even before Rev 37 of the procedure our process has always been to neutralize. We did go from a powdered chemical to a liquid neutralizer. If you went pass the right pH level then there was the ability to use a base neutralizer to take it back – I don't think that ever happened.

The DOE representative comes in to observe operations about every two weeks, sometimes more.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

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I know at times we had ~~higher~~ a ratio of ~~like~~ 1 ½ to 1 ~~when we were using Waste Lock 770.~~ when we started using kitty litter

The waste gets poured from the stub out bag into the daughter. Everything that came out of the drum (liquid, salts) gets put back into ~~the~~ a daughter drum.

We manually shake the kitty litter and liquid in the stub-out bag ~~like you would do on a cement tarp~~ She Said we visually check to see if the mixture ~~is~~ looks the same. (homogenous)

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~~In some debris drums you might get a couple of bags of salts that you would bag and horsetail.~~

Anything ~~with~~ without nitrate salts was the same thing; you open all packages and go through everything. If you had a vial or container with a liquid in it you would pH test, neutralize and solidify ~~if necessary.~~ Pressurized cans would be wiped and we bagged those cans into ~~a larger can~~. If a can had a hole in it we would smash the can. We can't puncture in WCCR, those cans get taken out. When we get the list for the reject we go through the drums thoroughly to find the prohibited item, we dump all the items and open everything.

55 gallon Containers

This only happened on a couple rare occasions.

Gina Sanchez

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 2/8/18

Interview of Gilbert Martinez

Even before Rev 37 of the procedure our process has always been to neutralize. We did go from a powdered chemical to a liquid neutralizer. If you went past the right pH level then there was the ability to use a base neutralizer to take it back – ~~I don't think that ever~~ but whatever happened.

The DOE representative comes in to observe operations about every two weeks, sometimes more.

5-22-14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 3/8/18

Mr. EDDIE RIOS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I started work for VJ Technologies on 6/3/2013. Prior to that, I worked for Energy Solutions for 6 years at WCCR. I only worked as a glovebox operator. I was also a RCRA Inspector for LLW, and worked shipments in and out including TRU.

At WCCR we would get drums kicked back by CCP. I was at WCCR when we started with the nitrate salt drums. We got a sample drum from LANL in the 2009 – 2010 timeframe; LANL still owned the drum at the time. The drum had been treated with something – I think Waste Lock 770, but we didn't know. When we opened the drum it looked like oatmeal.

We were re-doing containers when I was there. We would bag it on. At first we would never check for pH balance. We were dealing with liquids that weren't really "free liquids" more like oatmeal. There was not always a reaction on the pH strips with this material, we would have to press the strips to the material to get a reaction we tried to get neutralized as close to 7 as possible. When we did get free liquids we poured it out to treat.

When I started we used a liquid neutralizer, if sometimes we used too much neutralizer we would have to go back to base. Some liquids would neutralize faster and/or easier. Sometimes we got caught going back and forth between acid and base. Out supervisor at the time was Ricky Baros.

At some point we stopped with nitrate salts and started with debris waste. Energy Solutions came in with Gilbert Martinez and Anthony Vigil as supervisors. We then restarted with nitrate salt drums.

At some point, we got one of these nitrate salt drums back that I knew we had done before – it looked familiar. At that point, I started questioning why we still had liquids in the drum because I knew we had seen the drum before. I did an experiment at that point where I took water, vegetable oil and hydraulic oil and placed each item in a separate container, I put Waste Lock into each container. At an uncontrolled temperature all the liquids I was experimenting with (vegetable oil, water, and hydraulic oil) released from the absorbent. I told my supervisor that we couldn't use the absorbent – think it was Lou Jalbert. Lou passed my work on to Susan Ramsey. Susan Ramsey put me in contact with the company that produced Waste Lock. The company said that there was a special absorbent that we should use for acid and that Waste Lock 770 was not an absorbent that you can absorb acids with. I told my supervisors about this conversation and they told me to stop questioning, keep working and that there were 600 applications on their desk for jobs like mine.

Mr. Carmichael's and Ms. Ramsey's emails were forwarded to supervisors and they were told to start using kitty litter – I asked about compatibility but was told to stay quiet again. I did not use a clay based or Zeolite absorbent while at WCCR.

Interview of Eddie Rios

I think as a result of my questioning around February 2012 there was a "Pause Order". Bryan questioned the drums that had already been processed. It was estimated that there were already about 150 drums processed, they were salt drums, mostly in pipe over packs. They wanted to see how to salvage those drums. That is about the time that we started the 3:1 ratio (about mid-March).

The 55 gallon nitrate readings were too high so we packed into POCs instead. Those were the ones we had to re-do, we re-loaded as parents. (AT this point in the interview Mr. Rios agreed to share the emails he has referenced above with us and that he would forward through Craig)

The kitty litter that we used while I was at WCCR looked like wood pellets. I started the questioning initially because when we would get nitrate salt drums and try to put Waste Lock 770 or No-Char into the waste it would not mix.

I used a powder to neutralize. If the liquid would float you would put stuff in it until it worked (mixed). The oatmeal type stuff would pH test when we sprinkled absorbent on it. We couldn't always get it to 7. Sometimes on a "push" so we would get it as close to 7 as possible. Sometimes we would use a little too much neutralizer. Later when we read directions we were instructed to wait 5 to 7 minutes to look at results.

The drums were all different. The absorbents we used were not compatible with all the stuff like oil.

During my time I believe Energy Solutions purchased the kitty litter, it was I believe "Kitty Scoop" at times it came in a white with orange bag.

Other individuals who might be helpful but have recently been laid off include Leonard Montoya and Clayton Mullens (1-623-810-0371). I believe that James Sandoval is still with Energy Solutions.

Questions regarding Waste Lock went through Lea.

CCP VE operators would observe container processing in WCCR, CCP people were up there because out rejection rates were high, they were there to help and observe. They brought up concerns about neutralization.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

Mr. EDDIE RIOS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I started work for VJ Technologies on 6/3/2013. Prior to that, I worked for Energy Solutions for 6 years at WCCR. I ~~only worked~~ was labbed as a glovebox operator. I was also a RCRA Inspector ~~for~~ LLW, and worked and managed shipments in and out including TRU.

At WCCR we would ~~get~~ receive parts drums ~~kicked back~~ rejected by CCP. I was at WCCR when we started with the nitrate salt drums. We got a sample drum from LANL in the 2009 – 2010 timeframe; LANL still owned the ~~drum at~~ process at the time. The drum had been treated with something, ~~I think Waste Lock 770, but we didn't know.~~ When we opened the drum it looked like ~~oatmeal.~~ prior to us recieving it not sure what, turns out cat litter / remediating

We were ~~re-doing~~ containers when I was there. We would bag it on. At first we would never check for pH balance. We were dealing with liquids that weren't really "free liquids" more like oatmeal. There was not always a reaction on the pH strips with this material, we would have to press the strips to the material to get a reaction we tried to get neutralized as close to 7 as possible. When we did get free liquids we poured it out ~~to treat.~~ into a bag out stub or the catch pan of the glove box (not sure of the term)

When I started we used a liquid neutralizer, if sometimes we used too much neutralizer we would have to go back to base. Some liquids would neutralize faster and/or easier. Sometimes we got caught going back and forth between acid and base. ~~Our~~ supervisor at the time was Ricky Baros. when lanl owned the process

At some point we stopped with nitrate salts and started with debris waste. Energy Solutions came in with Gilbert Martinez and Anthony Vigil as supervisors. We then restarted with nitrate salt drums.

At some point, we got one of these nitrate salt drums back that I knew we had done before ~~it looked familiar~~. At that point, I started questioning why we still had liquids in the drum because I knew we had according to paper work remediated ~~seen~~ the drum before. I did an experiment at that point where I took water, vegetable oil and hydraulic oil and placed each item in a separate container, I put Waste Lock into each container. At an uncontrolled temperature all the liquids I was experimenting with (vegetable oil, water, and hydraulic oil) released from the absorbent. I told my supervisor that we couldn't use the absorbent I think it was Lou Jalbert. Lou passed ~~our work on to Susan Ramsey~~ into to operations supervisors. Susan Ramsey put me in contact with the company that produced ~~Waste Lock~~ to clear. The company said that there was a special absorbent that we should use for acid and that Waste Lock 770 was not an absorbent that you can absorb acids with. I told my supervisors about this conversation and they told me to stop questioning, keep working and that there were 600 applications on their desk for jobs like mine. cause if didn't apply properly

Mr. Carmichael's and Ms. Ramsey's emails were forwarded to supervisors and they were told to start using kitty litter – I asked about compatibility but was told to stay quiet again. ~~I did not use a clay based or Zeolite absorbent while at WCCR.~~

also read instructions for the waste lock 770 and it did specify that water would only need to be absorbed by (Cant remember the ratio exactly but as an example: 1 cup for every gallon of liquid) which we had originally did but with paint or oils ie. would take (again not sure of the mixture or ratio) example: 2 cups ~~cups~~ of waste lock for 1 gallon of liquid) so originally we had not used proper ratios of absorbant cause this wasn't water.

6-29-14

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

Interview of Eddie Rios

I think as a result of my questioning around February 2012 there was a "Pause Order". ~~Bryon~~ someone questioned the drums that had already been processed. It was estimated that there were already about 150 drums processed, they were salt drums, mostly in pipe over packs. They wanted to see how to salvage those ~~drums~~ POC's. That is about the time that we started the 3:1 ratio (about mid-March). or when we got the go ahead to continue The 55 gallon nitrate readings were too high so we ~~packed into~~ overpacked POCs instead. Those were the ones we had to re-do, we re-loaded as parents. (AT this point in the interview Mr. Rios agreed to share the emails he has referenced above with us and that he would forward through Craig)

The kitty litter that we used while I was at WCCR looked like wood pellets. I started the questioning initially because when we would get nitrate salt drums and try to put Waste Lock 770 or No-Char into the waste it would not mix. sometimes

I used a powder to neutralize. If the liquid would float you would put stuff in it until it worked (mixed). The oatmeal type stuff would pH test when we sprinkled absorbent on it. We couldn't always get it to 7. but as close as possible Sometimes on a "push" so we would get it as close to 7 as possible. Sometimes we would use a little too much neutralizer. Later when we read directions we were instructed to wait 5 to 7 minutes to look at results.

The drums were all different. The absorbents we used were not compatible with all the stuff like oil.

During my time ~~I believe~~ Energy Solutions purchased the kitty litter, it was I believe "Kitty Scoop" at times it came in a white with orange bag.

Other individuals who might be helpful but have recently been laid off include Leonard Montoya and Clayton Mullens (1-623-810-0371). I believe that James Sandoval is still with Energy Solutions.

Questions regarding Waste Lock went through Lea. no char

CCP VE operators would observe container processing in WCCR, CCP people were up there because out rejection rates were high, they were there to help and observe. They brought up concerns about neutralization. kitty litter

PAGE TWO OF TWO

Eddie Rios 5-29-14

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. JOHN ROBERSON WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for the Lakewood Group that contract to Energy Solutions. I started this job at the end of May 2013. I am only responsible for WCCR.

We have used 2 acid neutralizers since I have been at WCCR; we stopped using the dry neutralizer in August 2013. We requested the liquid because the powder was not mixing well. CCP was telling us that the liquid had to be neutralized and the powder was not neutralizing. CCP at the time was at WCCR all the time.

In August 2013 we requested to Energy Solutions that we change to a liquid solution as opposed to the powder. ES did an STR for LANL review for the change to neutralizer. I looked at the MSDS to say "yes" it would work. Zeke Wilmount, Industrial Hygienist, Energy Solutions went to STR at LANL for the change. It took about 2 months to process the request. We changed to the liquid neutralizer at the end of September 2013. Andy Essell from LANL was also involved in the STR but he has since moved on.

We have been using the same absorbent since May 2013 when I arrived. Any change to the absorbent would have to go through the same process for approval.

I have not been able to find an MSDS for the kitty litter absorbent we are using. But based on its content the company told us it was non-hazardous to workers. The product looks a little like grape nuts, it is ground up wheat.

The agent used to neutralize base has remained the same but we run across base liquids less than 1% of the time.

I have a 23 September 2013, email stating that the liquid neutralizer would be here tomorrow. We used the liquid for about a week and liked it so we ordered more. When we use the liquid to neutralize we finish using the entire product and slice up the jug and place that into the daughter drum.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. ~~JOHN~~ Jon ROBERSON WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for the ~~Lakewood~~ Lakeworth Group that contract to Energy Solutions. I started this job at the end of May 2013. I am only responsible for WCCR. WCRR

We have used 2 acid neutralizers since I have been at ~~WCCR~~; we stopped using the dry neutralizer in ~~August~~ September 2013. We requested the liquid because the powder was not mixing well. CCP was telling us that the liquid had to be neutralized and the powder was not neutralizing. CCP at the time was at WCCR all the time.

In August 2013 we requested to Energy Solutions that we change to a liquid solution as opposed to the powder. ES ~~did an EVO for LANL~~ requested LANL review for the change to neutralizer. I looked at the MSDS to say "yes" it would work (neutralize) Zeke Wilmount, Industrial Hygienist, Energy Solutions went to STR at LANL for the change. It took about 2 months to process the request. We changed to the liquid neutralizer at the end of September 2013. Andy ~~Essell~~ Ezell from LANL was also involved in the STR but he has since moved on. through the STR 95

We have been using the same absorbent since May 2013 when I arrived. Any change to the absorbent would have to go through the same process for approval.

I have not been able to find an MSDS for the kitty litter absorbent we are using. But based on its content the company told us it was non-hazardous to workers. The product ~~looks a little like grape nuts, it is~~ ground up wheat. JR (someone else in the room said this)

The agent used to neutralize base has remained the same but we run across base liquids less than 1% of the time.

I have a 23 September 2013, email stating that the liquid neutralizer would be here tomorrow. We used the liquid for about a week and liked it so we ordered more. ~~When we use the liquid to neutralize we finish using the entire product and slice up the jug and place that into the daughter drum.~~ JR someone else in the room said this.

PAGE ONE OF ONE

5/27/14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 2/8/18

MR. ERIC SANCHEZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work with Energy Solutions and have been with them for 2 years on 14 May 2014. I am on the night shift I am assigned to Bldg #231.

When we get a box into the CA, if it is an FRP we take off the diaper, make a hole in the FRP, smears are done, there is an 8" hole vent, and another hole vent.

We get rid of the FRP material and look inside, we look for prohibited items, decon the outside, and check for liquids and PIDs. If we find liquids we stop and tell a supervisor. We change gloves and put pH strips inside the box, we check pH 2 times to verify with another operator present to see if base or acid, we neutralize the liquid, check it again, and try to get down to a neutral 7. We then get absorbent Waste Lock 770, we absorb and solidify, take everything out of box. If we find aerosol cans they go into a 55 gallon drum that is just for aerosol cans. Next we wash the inside of the box, we use Rad Release and then we scrub letting it soak for an hour (I have left for 4 hours at times). We then wash, rinse, and use pH strips again. If acid we use milk of magnesia the neutralizer is in the kit.

We solidify waste with Waste Lock 770 and remove from the box to dispose of the waste in the SWB. We keep doing this until we get the waste down. The majority of the FRP goes out as LLW.

I have observed DOE representatives outside the box. I do work nights. My manager is there all the time. They are definitely there when we start new processes.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. ERIC SANCHEZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work with Energy Solutions and have been with them for 2 years on 14 May 2014. I ~~am~~ was on the night shift I am assigned to Bldg #231.

When we get a box into the CA, if it is an FRP we take off the diaper, make a hole in the FRP, smears are done, ~~there is~~ we cut an 8" hole to attach ventilation, then cut anole on the other side for suction. ~~vent and another hole vent~~. We then attach ventilation to the glove box.

We get rid of the FRP material ~~and look inside~~, we look for prohibited items, decon the outside, and check for liquids and PIDs. If we find liquids we stop and tell a supervisor. We change gloves and put pH strips inside the ~~box~~ glove box, we check pH 2 times and to verify with another operator present to see if base or acid, we neutralize the liquid, check it again, ~~and try to~~ get down to a neutral 7. We then get absorbent Waste Lock 770, we absorb and solidify, take everything out of ~~box~~ the glove box. If we find aerosol cans they go into a 55 gallon drum that is just for aerosol cans. Next we wash the inside of the box, we use Rad Release and then we scrub letting it soak for an hour (~~I have left for 4 hours at times~~) or up to 4 hours at a time, We then wash, rinse, and use pH strips again. ~~If acid~~ we use milk of magnesia the neutralizer ~~is in the kit~~ that is provided in the kit.

We solidify waste with Waste Lock 770 and remove from the box to dispose of the waste in the SWB. We keep doing this until we get the ~~waste~~ Levels down. The majority of the FRP goes out as LLW for SCO (this is from the beginning of the process.)

I have observed DOE representatives ~~outside the box~~ in the area, I do work nights. My manager is there all the time. They are definitely there when we start new processes. Production

This sentence goes after we use milk of magnesia to ~~not~~ neutralize

PAGE ONE OF ONE

All the steps that we perform are off our 1091 procedure, which is a use every time (UET) procedure.

Eric Sanchez 5-27-14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 2/8/18

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. ORAN SANCHEZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions for 5 ½ to 6 years. I currently work in Bldg #412. I have worked in 231 and 375. I am a shift supervisor.

Drums are moved by the Drum Team and they are following the procedure; we review the SEDS for VOCs and waste codes.

For the last couple of months WCCR has been working 85 gallon drum over packs with 55 gallon drums inside. We pull the 55 gallon out of the 85 overpacks and replace the filter (if it's a long shank) and put in a compliant 85.

A while back we did some re-packs of sludges at building 412. There was some basic room trash waste and we pulled out prohibited items and dealt with the liquids. We would do a pH test and determine if the liquid was base or caustic and neutralize as necessary. We would try to get to a 7. We would neutralize with milk of magnesia while at 231.

For liquids there was a spray type liquid neutralizer that we used. After we pH tested we would absorb with Waste Lock. We weren't packing nitrate salts we were repacking reject drums from CCP. We would pull the waste out of the drum until we got to the prohibited item. We found the item by watching the RTR and taking measurements for an estimate of where it was in the drum. While we were looking for the specific item we would also look for other liquids so we didn't get the drum rejected a second time.

We treated liquids in the glove bag, we would drain into a catch pan, most of the time the liquids were located in the folds of plastic. We treated liquids under the drum hood. Once the liquid was treated it went back into the drum it came out of and Waste Lock was added to all.

We had a powder neutralizer for base – I don't remember what type of powder it was. The only absorbing material we used were absorbing pads for oils. We would use the pads because they soaked up better than we would add Waste Lock 770 into the bag and place it all back in the container.

My team only used kitty litter for gear boxes

DOE representatives were on the line 3 or 4 times per week. They were there a lot and gave lots of feedback and answered questions. ES upper management was on the line a lot including LANL.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. ~~ORAN~~ Oran SANCHEZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions for 5 ½ to 6 years. I currently work in Bldg #412. I have worked in 231 and 375. I am a shift supervisor.

Drums are moved by the Drum Team and they are following the procedure; we review the SEDS for VOCs and waste codes. FGE, PEC i's

For the last couple of months ~~WCCR~~ 412 has been working 85 gallon drum over packs, with 55 gallon drums inside. We pull the 55 gallon out of the 85 overpacks and replace the filter (if it's a long shank) and put in a compliant 85.

A while back we did some re-packs of sludges at building 412. There was some basic room trash waste and we pulled out prohibited items and dealt with the liquids. We would do a pH test and determine if the liquid was base or caustic and neutralize as necessary. We would try to get to a 7. We would neutralize with milk of magnesia while at 231. When ~~working~~ processing Glove boxes. EAI Non Fritzer. For liquids there was a spray type liquid neutralizer that we used. After we pH tested and neutralized we would absorb with Waste Lock. We weren't packing nitrate salts we were repacking reject drums from CCP. We would pull the waste out of the drum until we got to the prohibited item. We found the item by watching the RTR and taking measurements for an estimate of where it was in the drum. While we were looking for the specific item we would also look for other liquids so we didn't get the drum rejected a second time. We ~~treated~~ processed liquids in the glove bag, we would drain into a catch pan, most of the time the liquids were located in the folds of plastic. We ~~treated~~ processed liquids under the drum hood. Once the liquid was ~~treated~~ processed it went back into the drum it came out of ~~and Waste Lock was added to all~~.

We had a powder neutralizer for base – I don't remember what type of powder it was. The only absorbing material we used were absorbing pads for oils. We would use the pads because they soaked up better than we would add Waste Lock 770 into the bag and place it all back in the container. My team only used kitty litter for gear boxes using just waste Lock, to absorb oils Drained from the gear boxes.

DOE representatives were on ~~the line~~ the field 3 or 4 times per week. They were there a lot and gave lots of feedback and answered questions. ES upper management was on the line a lot including LANL. management.

PAGE ONE OF ONE

Oran S 5-27-14

Gina M. Sanchez

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 6/8/18

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. HOWARD SMITH WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for Energy Solutions, I have been here almost a year. I got here in June 2013. I am not yet certified. My entire time with ES has been at WCCR.

I have more or less been under someone's wing the entire time I have been here. I have done a number of things including Operations Center duties, dispatch, getting information from inside, processing of drums.

I have worked side-by-side with other operators in the glovebox. If there are liquids in the drums that we are processing we try to neutralize and absorb the waste out of the drum by adding kitty litter as necessary. We break down the drum and someone gets the daughter and we go from there.

I have worked in the glove box with a supervisor telling me what to do. Sometimes it takes 2 or 3 tries to get the pH neutralized and brought back to center which is at 6ish. Once neutralized, we break down with absorbent/kitty litter. We try to use a 3:1 ratio but it depends on the liquid. I've only seen the ratio mixture measured by using the stub-out bag as a measure.

We estimate the quantity of liquid. Usually our kitty litter is in a 40lb bag but now I think it is in 20lb bag. When we absorb we look to see how the consistency is, if it is not dried we add more kitty litter, a lot of the time our ratio is more like 4:1. We are trained to use the 3:1 ratio, but if there is more liquid we put in more kitty litter. We shake the bag and have blow-hammers to move the waste. When we are done we move the contents of the stub-out bag into the daughter. Usually there are two operators working on a stub-out bag. We mix the waste and move it to the next station to deal with.

When we process a debris container we use pretty much the same process. Every debris container at WCCR is back because it was rejected. Sometimes it can be because of an impenetrable object left in the drum. The neutralizing agent we use is a purple liquid in a 1 gallon container.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. HOWARD SMITH WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I work for Energy Solutions, I have been here almost a year. I got here in June 2013. I am not yet ~~certified.~~ QUALIFIED My entire time with ES has been at WCCR.

I have ~~more or less~~ been under ~~someone's wing~~ SUPERVISION the entire time I have been here. I have done a number of things including Operations Center duties, dispatch, getting information from inside, processing of drums.

I have worked side-by-side with other operators in the glovebox. If there are liquids in the drums that we are processing we ~~try to~~ neutralize, and absorb the waste out of the drum by adding kitty litter as necessary. ~~We break down the drum and someone gets the daughter and we go from there.~~

I have worked in the glove box with a supervisor telling me what to do. Sometimes it takes 2 or 3 tries to get the pH neutralized ~~and brought back to center which is at 6ish.~~ Once neutralized, we ~~break down~~ RESORB ADD ~~with~~ absorbent/kitty litter. We ~~try to use~~ ABSORB a 3:1 ~~ratio but it depends on the liquid~~ RATIO. I've only seen the ratio mixture measured by using the stub-out bag as a measure.

We estimate the quantity of liquid. Usually our kitty litter is in a 40lb bag but now ~~I think~~ it is in 20lb bag. When we absorb we look to see how the consistency is, if it is not dried we add more kitty litter, ~~a lot of the time our ratio is more like 4:1~~ SOMETIMES. We are trained to use the 3:1 ratio, but if there is more liquid we put in more kitty litter. We shake the bag and have blow hammers ~~to move~~ DEBRIS BLOWN BACK UP the waste. When we are done we move the contents of the stub-out bag into the daughter. Usually there are two operators working on a stub-out bag. We mix the waste and move it to the next station to deal with.

When we process a debris container we use ~~pretty much~~ the same process. ~~Every~~ IF debris container at WCCR is back because it was rejected. Sometimes it can be because of an impenetrable object left in the drum. The neutralizing agent we use is a purple liquid in a 1 gallon container.

Howard Smith 5/21/14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 2/8/18

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. RYAN WELLS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have been with Energy Solutions (ES) for 7 years. I currently work in Bldg 412 and have been there since early November 2013. Before that I was on the Box Line. I have worked as a waste coordinator and as an operator on all 3 drum lines. I worked the original sludge drums.

Waste from building 412 is mostly over-packed feedstock from WCCR. There were 30 or so sludge drums that were overweight and WCCR could not handle. We looked for prohibited items on top or bottom of the drums, it was either free liquid or in containers. Drums were mostly concrete sludge in a monolith form taking up the entire drum. These drums did not have nitrate salts.

The MIN03 waste was concrete caps (parfait like) with maybe some room for debris in between the layers.

These sludge drums were 90% overpacks, we removed the 55 gallon from the 85 gallon drum and pulled the rigid liner, we did a drill and drain which consisted of drilling at least 4 holes on the bottom, then we drained the liquid into a wet vacuum, we would take a pH, neutralize the liquid, absorb the liquids and place waste in the daughter drum or back the waste back into the parent drum, we closed the container and placed into another over-pack to send.

The neutralizer that we used was a Pig brand; we used a powder form in 412. In the box lines for any liquids we used milk of magnesia.

The powder neutralizer worked o.k., after we read the directions and made sure that we didn't over neutralize. It was easy to over neutralize, so you had to be careful. With the drums from the sludge line we saw more bases than acids. It was fairly easy to go back if you over neutralized, we would get the liquid back to 7 pretty easy.

When we pulled containerized liquid out of these drums we used Waste Lock as the absorbent. You had to neutralize the liquid before using the Waste Lock if you were going to get the Waste Lock to work.

We saw ES management on the line almost every day and the FAC's always had questions for us.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. RYAN WELLS WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have been with Energy Solutions (ES) for 7 years. I currently work in Bldg 412 and have been there since early November 2013. Before that I was on the Box Line. I have worked as a waste coordinator and as an operator on all 3 drum lines. I worked the original sludge drums.

Waste from building 412 is mostly over-packed feedstock from WCCR. There were 30 or so sludge drums that were overweight and WCCR could not handle. We looked for prohibited items on top or bottom of the drums, it was either free liquid or in containers. Drums were mostly concrete sludge in a monolith form taking up the entire drum. These drums did not have nitrate salts.

The MIN03 waste was concrete caps (parfait like) with maybe some room for debris in between the layers.

These sludge drums were 90% overpacks, we removed the 55 gallon from the 85 gallon drum and pulled the rigid liner, we did a drill and drain which consisted of drilling at least 4 holes on the bottom, then we drained the liquid into a wet vacuum, we would take a pH, neutralize the liquid, absorb the liquids and place waste in the daughter drum or ~~back~~ put the waste back into the parent drum, we closed the container and placed into another over-pack to send.

The neutralizer that we used was a Pig brand; we used a powder form in 412. (1) In the box lines for any liquids we used milk of magnesia.

(2) The powder neutralizer worked o.k., after we read the directions and made sure that we didn't over neutralize. (3) It was easy to over neutralize, so you had to be careful. With the drums from the sludge line we saw more bases than acids. It was fairly easy to go back if you over neutralized, we would get the liquid back to 7 pretty easy.

When we pulled containerized liquid out of these drums we used Waste Lock as the absorbent. You had to neutralize the liquid before using the Waste Lock if you were going to get the Waste Lock to work.

We saw ES management on the line almost every day and the FAC's always had questions for us.

PAGE ONE OF ONE

(1) I DiD not say "milk of magnesia". I said EaZ Neutralizer.

(2) I stated That Following directions made it easy To not over Neutralize But one still needed tobe CareFul.

(3) I DiD State that it WAS easy To Fix if Someone did over Neutralized.

Interview is Horrible Poorly Phrased.

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 8/8/18

Gina M. Sanchez

5-27-14

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. BRYAN REID WENTZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions (ES) for about 4 ½ years. I currently work in Bldg 412 on the drum line. I have worked in T21 (roll off bins), Bldg 231, 412 and 224. I moved to the drum line about a month ago (March 2014), before that I was on the box line in BUILDING 412 for about 1 ½ years.

On the box line when we got an FRP we would vent I and, cut the boxes off. How hard it was to move depended on the waste in the box. HEPA filters were easy.

In Bldg 231 the boxes were larger ad contained mostly the tunnels that connect gloveboxes, these tunnels were between 20 and 25 feet, we would cut them up and place in Standard Waste Boxes (SWB), we would start the decontamination (decon), we wrapped them in fire retardant shrink wrap and placed in conex containers to ship to Texas (WCS).

Some drums we had to remediate had motors in them and we had to make sure they had no oil left in the motors. We would test to see if the oil was acid, typically the oils came back neutral. Some liquids we processed through building #231 were acids but we did have some bases. We used powder neutralizers, one was pink and one was white. We used Waste Lock 770 for absorbent. About 2 years ago we used kitty litter for absorbing some oil.

When we deconned the glove boxes we used an Edi solution. This was a solution that came in a kit,

DOE representatives are in 3706 every week. The DOE folks go through the procedures and ask questions. Upper management from ES are on the line every day.

DRAFT: AK Interviews of Energy Solution Operators, CCP-AK-LANL-006, TA-55 Mixed Waste Streams, Week OF May 12, 2014

MR. ~~BRYAN~~ Brian REID WENTZ WAS INTERVIEWED FOR THE PURPOSE OF COLLECTIONG ADDITIONAL ACCEPTABLE KNOWLEDGE INFORMATION ON CCP-AK-LANL-6, LANL TA-55 MIXED TRANSURANIC WASTE. HE REPORTED TO THE INTERVIEW ROOM AND PROVIDED INFORMATION TO QUESTIONS POSED BY THE AKEs. A SUMMARY OF HIS RESPONSES ARE CONTAINED BELOW:

I have worked for Energy Solutions (ES) for about 4 ½ years. I currently work in Bldg 412 on the drum line. I have worked ~~in 721~~ at TA21 (roll off bins), Bldg 231, 412 and 224. I moved to the drum line about a month ago (March 2014), before that I was on the box line in BUILDING 412 for about ~~1½~~ 3 years.

On the box line when we got an FRP we would ~~vent I and,~~ hook up/attach ventilation and FAC cut the boxes and 231 off. How hard it was to move the waste to SWB's depended on the waste in the box. HEPA filters were easy. to move while at 412.

In Bldg 231 the boxes were larger ~~ad~~ and contained mostly the tunnels that connect gloveboxes, these tunnels were between 20 and 25 feet, we would cut them up and place in Standard Waste Boxes (SWB). Also, contained gloveboxes. We would start the decontamination (decon) on gloveboxes, ~~we~~ then ~~wrapped~~ wrap them in fire retardant shrink wrap and placed them in conex containers to ship to Texas (WCS).

Some ~~drums~~ FRP's we had to remediate had motors in them and we had to make sure they had no oil left in the motors. We would test to see if the oil was acid or base, typically the oils came back neutral. Some liquids we processed through building #231 were acids ~~but we did have~~ and some bases. We used powder neutralizers, one was pink and one was white. We used Waste Lock 770 for absorbent. About 2 years ago we used kitty litter for absorbing some oil. in the motors at 412

When we deconned the glove boxes we used an ~~Edi~~ ~~EDT~~ EAI solution. This was a solution that came in a kit. During 3706

DOE representatives are in ~~3706~~ the field every week. The DOE folks go through the procedures and ask questions. Upper management from ES are on the line every day.

PAGE ONE OF ONE

B. Went 5-27-14

OFFICIAL SEAL
GINA M. SANCHEZ
Notary Public
State of New Mexico
My Comm. Expires 2/8/18

Gmail

Elizabeth Lickliter <ebethhouser@gmail.com>

Interviews

8 messages

Elizabeth Lickliter <ebethhouser@gmail.com> Wed, May 21, 2014 at 12:44 PM
To: jjerez@energysolutions.com, Trey Greenwood <4dc.consulting@gmail.com>

Jose,.

I am attaching the summary of our interviews with your operators. I need for you to print the documents, have the operators make the changes they believe are necessary to have them accurately reflect our interviews. As we indicated in the interview process, if they believe there is additional information that would be helpful they can add that to the document.

I did not include signature blocks, they can sign across the bottom and date. Please feel free to contact me if you have any questions. Please return when completed.

R,

Elizabeth H. Lickliter, AKE
Technical Specialists
Subcontractor to NWP
575-302-3266

Interviews_Jerez.pdf
317K

Elizabeth Lickliter <ebethhouser@gmail.com> Wed, May 21, 2014 at 12:51 PM
To: jewilson@energysolutions.com, Trey Greenwood <4dc.consulting@gmail.com>

Jay,
[Quoted text hidden]

Baca_Sanchez_Ellis_Wilson.pdf
80K

Jose Jerez <jjerez@energysolutions.com> Wed, May 21, 2014 at 2:24 PM
To: Elizabeth Lickliter <ebethhouser@gmail.com>

Elizabeth

On Miguel's the second page is the same as the first, is there a second page? if so can you forward me that one. At the bottom of his it says page one of two, but the second page is the same as the first one.

Thank You

Jose

From: Elizabeth Lickliter [ebethhouser@gmail.com]

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 1
Neutralization Chemicals Provided by Energy Solution Operators

Chemtex Acid Neutralizer (polymer, socks, pillows & pads)

Fossil Shell Flour (diatomaceous earth)

PIG Acid Encapsulating/Neutralizing Absorbents MSD-151

PIG Acid Encapsulating/Neutralizing Loose Absorbent PLP801

PIG Base Encapsulating Absorbents MSD-152

Spilfyter Kolorsafe Dry Acid Neutralizer 4400 Series

Spilfyter Kolorsafe Dry Base Neutralizer 4500 Series

Spilfyter Kolorsafe Liquid Acid Neutralizer 4100 Series

Spilfyter Kolorsafe Liquid Base Neutralizer 4300 Series

Chemtex

OIL905

View Our Newest Products

Absorbent Products

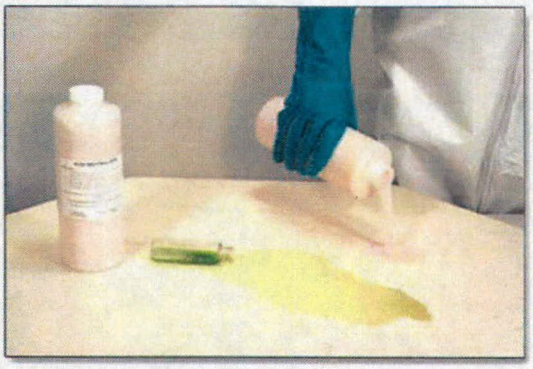
- Oil Only Pads & Rolls
- Universal Pads & Rolls
- Hazmat Pads & Rolls
- Eco-Sop™ Pads & Rolls
- Medical Pads & Rolls

Spill Containment & Workplace Safety

- Barricades
- Berms
- Bioremediation
- Booms
- Containment Booms
- Cleaners/Degreasers
- Drain Seals
- Facility Safeguards
- Gloves
- Granulars
- Marine Spill Response
- Neutralizers
- Overpacks
- Personal Protection
- Pillows

Acid and Base Neutralizing Polymers - (OIL905)

Used to solidify a wide range of both acid and base spills. These polymers will neutralize and change color to let you know neutralization has taken place. Neutralizers are available in pillows, socks, pads, and granular form.



OIL905

MSDS

OIL905

PART #	DESCRIPTION	PACKAGING	WEIGHT
OIL905	Acid Neutralizers	5 gal pail	40 lbs.

Back to Neutralizers

- Pipe Wraps
- Plug n' Dike
- Pop-up Pools
- Poly Products
- Polymers
- Rags
- Railroad Mats
- Rugs
- Safety Cabinets
- Safety Cans
- Secondary Containment
- Socks
- Sorbent Accessories
- Specialty Sorbents
- Spill Kits
- Spill Pallets
- Snares
- Storm Water Management
- Sweeps
- Tools (Spark Resistant)
- Tyvek/Tychem Suits
- Wipes

CHEMTEX Products For a Clean and Safe Environment

www.chemtexinc.com Phone (877) 431-0200 Fax (401) 305-3033

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Acid Neutralizer (Polymer, socks, pillows, & pads)

Distribution Location:
Chemtex, Inc.
1 Front Street
Cumberland RI 02864

Customer Service Telephone Number: 1-877-431-0200
Date Prepared: January 20, 2009

SECTION II: HAZARDOUS INGREDIENTS

Polymer, Sodium carbonate and alizarin. Product contains no hazardous ingredients.

SECTION III: HAZARDS IDENTIFICATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:

HEALTH:	2
FLAMMABILITY:	0
REACTIVITY:	0

SECTION IV: FIRST AID MEASURES

EYE CONTACT:	Flush eyes with running water for 15 minutes.
SKIN CONTACT:	Wash with soap and water. Remove clothing.
INHALATION:	Remove to fresh air.
INGESTION:	Drink 2 glasses (16 oz) of water, call physician or poison control.

SECTION V: FIRE FIGHTING MEASURES

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
FIRE EXTINGUISHING MEDIA:	Water spray, dry chemical, foam, or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self contained breathing apparatus & full protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Decomposes to form carbon dioxide, a fire extinguishing agent. Polymer residue is slippery when wet.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Avoid breathing dust. Contain spill or leaking material & place in an appropriate container. If wet, material is very slippery. Do not flush material to public sewer or waterways.

SECTION VII: HANDLING AND STORAGE

Store in a cool, dry well ventilated area away from chemicals listed in section X & away from flammables, heat source, foodstuffs, and animal feed.

SECTION VIII: EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT

VENTILATION:	Adequate ventilation should be available at all times of use.
PROTECTIVE GLOVES:	Chemically resistant gloves
EYE PROTECTION:	Chemical goggles/ Face shield
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Chemically resistant clothing in accordance with 29 CFR 1910-134. Also maintain sink, safety shower, and eye & face fountain in work area. Have oxygen readily available.

SECTION IX: PHYSICAL DATA

APPEARANCE AND ODOR:	Light orange or light purple crystalline powder, odorless
SPECIFIC GRAVITY (H^2O=1):	2.2
BOILING POINT (C):	N/A
MELTING POINT (C):	1564° F
SOLUBILITY IN WATER:	5.5g/100g water at 0° C
EVAPORATION RATE:	N/A
VAPOR PRESSURE (mm Hg):	N/A
VAPOR DENSITY (Air = 1):	N/A

SECTION X: REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Extreme heat
INCOMPATIBILITY:	Fluoine, Lithium & 2, 4, 6- Trinitrotoluene Contact with food products containing sugar may for deadly carbon monoxide gas. Contacts with acids will cause neutralization.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	N/A
HAZARDOUS POLYMERIZATION:	Will occur

SECTION XI: WASTE DISPOSAL METHOD

Recovered spills should be placed in closed containers & disposed of in accordance with local, state, & federal regulations.

SECTION XII: PREPARATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

UPDATED: January 20, 2009
PREPARED BY: Chemtex, Inc.

MATERIAL SAFETY DATA SHEET

Date revised: 11/4/2010

all natural ingredients
PERMA-GUARD™
Pure Diatomaceous Earth Products

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name(s): **Fossil Shell Flour**
Generic Name: Natural Diatomaceous earth
Chemical Name: Amorphous Silica
Manufacturer: Perma-Guard, Inc.
Address: 625 East, 2150 South
City: Bountiful State: UT Zip: 84010

CAS: 61790-53-2
EINECS: 310-127-6
Formula: SiO_2

Emergency: CHEMTREC-USA (800) 424-9300
International: (703) 527-3887 (Collect)

2. COMPOSITION INFORMATION

INGREDIENT Name:	CAS Number:	%	PEL and TLV (except as noted)
NATURAL DIATOMACEOUS EARTH (DE) AMORPHOUS SILICA	61790-53-2	100	Diatomaceous Earth (uncalcined) 6 mg/M³ TOTAL DUST, MSHA 10 mg/M³ TOTAL DUST, ACGIH

3. HAZARD IDENTIFICATION

Summary: PROLONGED AND REPEATED EXPOSURE TO EXESSIVE CONCENTRATIONS OF THIS PRODUCT DUST, OR ANY NUISANCE DUST, CAN CAUSE CHRONIC PULMONARY DISEASE. DUST CONTACT WITH EYES MAY CAUSE TEMPORARY SCRATCHINESS OR REDNESS. THIS PRODUCT HAS NOT BEEN CLASSIFIED AS A CARCINOGEN BY NTP OR IARC.

Medical Conditions which may be aggravated: PRE- EXISTING UPPER RESPIRATORY AND LUNG DISEASE SUCH AS. BUT NOT LIMITED TO BRONCHITIS, EMPHYSEMA AND ASTHMA.
Target Organ(s): LUNGS, EYES

Acute health Effects: TRANSITORY UPPER RESPIRATORY OR EYE IRRITATION.
Chronic Health Effects: PROLONGED AND REPEATED EXPOSURES TO EXCESSIVE CONCENTRATIONS OF PRODUCT DUST, IN EXCESS OF THE PEL/TLV, CAN CAUSE. CHRONIC PULMONARY DISEASE.

Primary Entry Route(s): INHALATION, DUST CONTACT WITH EYES.
Inhalation: IRRITATION AND SORENESS IN THROAT & NOSE. IN EXTREME EXPOSURES SOME CONGESTION MAY OCCUR.
Eyes: TEMPORARY IRRITATION OR INFAMMATION.
Skin Contact: NA Skin Absorption: NA Ingestion: NOT HAZARDOUS WHEN INGESTED

4. FIRST AID MEASURES

Inhalation: REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT AND BLOW NOSE TO EVACUATE DUST.
Eyes: FLUSH EYES WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.
Skin Contact: NA Skin Absorption: NA Ingestion: NOT HAZARDOUS WHEN INGESTED

5. FIRE FIGHTING MEASURES

Flash Point: (Method): NON FLAMMABLE NFPA Flammable/Combustible Liquid Classification: NA
Flammable Limits: LEL: NA UEL: NA Auto-Ignition Temperature: NA
Extinguishing Media: NA Unusual Fire or Explosive Hazards: NONE Special Fire-Fighting Procedures: NONE

6. ACCIDENTAL RELEASE MEASURES

Procedures for Spill/Leak: VACUUM/CLEAN DUST WITH EQUIPMENT FITTED WITH A HEPA FILTER. USE A DUST SUPPRESSANT SUCH AS WATER IF SWEEPING IS NECESSARY.

7. HANDLING AND STORAGE

Minimize Dust generation and accumulation. Avoid Breathing Dust. Avoid contact with eyes. Seal broken bags immediately. Continue to follow all MSDS label warnings when handling empty containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Goggles: GOGGLES OR SAFETY GLASSES WITH SIDE-SHIELDS ARE RECOMMENDED.
Gloves: NOT NORMALLY REQUIRED.
Respirator: <10X PEL, USE AN N95 QUARTER OR HALF MASK RESPIRATOR. <50X PEL, USE A FUILL FACE RESPIRATOR EQUIPPED WITH N95 FILTERS. <200X PEL, USE A POWERED AIR PURIFYING RESPIRATOR (POSITIVE PRESSURE) WITH N95 FILTERS. >200X PEL, USE A FULL FACE TYPE C SUPPLIED AIR RESPIRATOR (CONTINUOUS FLOW MODE).

Ventilation: USE SUFFICIENT NATURAL OR MECHANICAL VENTILATION TO KEEP DUST LEVEL BELOW PEL.
Other: Special considerations for repair/maintenance of contaminated equipment: INSURE PROPER RESPIRATORY PROTECTION.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: FINE WHITE POWDER, NO ODOR

Boiling Point:	NA	Evaporation Rate: (=1):	NA	Specific Gravity (water =1) :	2.2
Vapor Pressure:	NA	Melting Point:	ND	% Volatile by Volume:	NIL
Water Solubility:	Negligible	Vapor Density:	NA	pH:	7.5-9.0

10. STABILITY and REACTIVITY

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION CANNOT OCCUR.
Chemical Incompatibilities: HYDROFLUORIC ACID. Conditions to Avoid: NONE IN DESIGNED USE.

11. TOXICOLOGICAL INFORMATION

Summary: PROLONGED AND REPEATED EXPOSURE TO EXESSIVE CONCENTRATIONS OF THIS PRODUCT'S DUST, OR ANY NUISANCE DUST, CAN CAUSE CHRONIC PULMONARY DISEASE. DUST CONTACT WITH EYES MAY CAUSE TEMPORARY SCRATCHINESS OR REDNESS. THIS PRODUCT HAS NOT BEEN CLASSIFIED AS A CARCINOGEN BY THE NTP OR IARC.

12. ECOLOGICAL INFORMATION

GENERALLY CONSIDERED CHEMICALLY INERT IN THE ENVIRONMENT. USED MATERIAL WHICH HAS BECOME CONTAMINATED MAY HAVE SIGNIFICANTLY DIFFERENT CHARACTERISTICS BASED ON THE CONTAMINANTS AND SHOULD BE EVALUATED ACCORDINGLY.

13. DISPOSAL CONSIDERATIONS

WASTE IS NOT HAZARDOUS AS DEFINED BY RCRA (40 CFR261). OTHER STATE AND LOCAL REGULATIONS MAY VARY. CONSULT LOCAL AGENCIES AS NEEDED. USED MATERIAL WHICH HAS BECOME CONTAMINATED MAY HAVE SIGNIFICANTLY DIFFERENT CHARACTERISTICS BASED ON THE CONTAMINANTS AND SHOULD BE EVALUATED ACCORDINGLY

14. TRANSPORTATION INFORMATION

D.O.T. proper shipping name: EARTH, DIATOMACEOUS, CRUDE OR GROUND . Hazard Classification: NOT CLASSIFIED
Reportable Quantities: NOT APPLICABLE UN (United Nations), NA (North America) Number: NA

15. REGULATORY INFORMATION

OSHA: Hazard Communications Standard 29CFR 1910.1200: MATERIAL IS CONSIDERED HAZARDOUS. SEE SECTION 3
RCRA: THE MATERIAL IS NOT DEFINED AS HAZARDOUS WASTE 40 CFR 261.
TSCA: THIS MATERIAL IS LISTED IN THE TSCA INVENTORY, AND IS NOT OTHERWISE REGULATED BY TSCA SEC 4,5,6,7, OR 12.
CRCLA: MATERIAL IS NOT REPORTABLE UNDER CERCLA. LOCAL REQUIREMENTS MAY VARY.
SARA: 311/312 HAZARD CATEGORIES– IMMEDIATE AND DELAYED HEALTH , 313 REPORTABLE INGREDIENTS- NONE.
Canada: THIS PRODUCT IS LISTED ON THE DSL. California Proposition 65: NOT APPLICABLE.

16. OTHER INFORMATION

Storage Segregation Hazard Classes: NA Special Handling/Storage : REPAIR ALL BROKEN BAGS IMMEDIATELY
Special Workplace Engineering Controls: ADEQUATE VENTILATION TO KEEP DUST LEVEL BELOW PEL.

PREPARED/REVISED BY: Marvin Haney, Perma-Guard, Inc. (801) 726-7107 As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with appropriate federal and state law(s). However, no warranty or representation with respect to such information is intended or given.

Safety Data Sheet

1. Product And Company Identification

Product Identifier: PIG Acid Encapsulating / Neutralizing Absorbents (MSD-151)
General Use: PIG Acid Encapsulating / Neutralizing Absorbents are designed to absorb, encapsulate and neutralize spilled acids rapidly. (Not recommended for Hydrofluoric Acid.) Will turn yellow as it is absorbing and neutralizing. When fully neutralized, will turn back to purple (mauve).
Product Description: Purple (mauve) colored absorbent in mat, pad, sock, pillow and loose form. Skin is polypropylene.

COMPANY PROFILE:	**EMERGENCY TELEPHONE:**
New Pig Corporation	INFOTRAC
One Pork Avenue	200 North Palmetto Street
Tipton, PA 16684-0304	Leesburg, FL 34748
Information Number	24 hrs, 7 days/week
1-800-468-4647	1-800-535-5053

Website: www.newpig.com, **Email:** hothogs@newpig.com

2. Hazards Identification

If outer material is punctured or if using loose powder:
Warning! Irritant: Product contains chemicals known to cause serious eye irritation, mild skin irritation and may be harmful if swallowed.

GHS Classification for Mat, Pad, Sock or Pillow: Not a dangerous substance according to GHS

GHS Classification for Loose Form: Eye irritation, category 2

GHS Label Elements

Signal Word: Warning
H303 May be harmful if swallowed
H316 Causes mild skin irritation
H319 Causes serious eye irritation
Precautionary Statements:
P280 Wear protective gloves/protective clothing/eye protection/ face protection
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 IF eye irritation persists: Get medical advice/attention

3. Composition/Information on Ingredients

Filler or Loose:		
CAS: 497-19-8	Sodium carbonate	80-85%
EC: 207-838-8		
CAS : None	Super Absorbent	15-20%
CAS : 72-48-0	Alizarin	<1%
EC : 200-782-5		
Skin:		
CAS: 9003-07-0	Polypropylene	>99%
CAS: None	Adhesive	<1.0001%
CAS: 9003-07-0	Polypropylene stitching	<0.0001%

4. First Aid Measures

Eye Contact: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get medical attention if irritation persists.
Ingestion: If conscious, give two glasses of water and call physician or poison control.
Inhalation: Remove to fresh air if excessive amounts of dust inhaled.
Skin Contact: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.

5. Fire Fighting Measures

Extinguishing Media: Use media appropriate for surrounding fire.
Special Fire Fighting Procedures: Wear self contained breathing apparatus and full protective clothing.
Hazardous Combustion Products: Not established
Unusual Hazards: Polymer residue is slippery when wet. Refer to absorbed liquid(s) SDS(s). The Acid Encapsulating / Neutralizing Absorbents may help neutralize the acid making it less hazardous but not less flammable.

6. Accidental Release Measures

Spill or Leak Procedures: Recovered spills should be placed in closed containers and disposed of in accordance with Federal, State and local regulations. If sweeping loose absorbent, dampen with water spray or vacuum to avoid creating dust.

7. Handling and Storage

Handling Precautions: Store in cool, dry well ventilated area away from incompatible chemicals and away from flammables, heat sources, foodstuffs and animal feed. If outer material is punctured, avoid breathing dust. If wet, filler is very slippery.
Storage Precautions: Room temperature. Shelf Life: ~5 years when stored in a clean, dry environment out of direct sunlight.
General: The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls/Personal Protection

Engineering Controls: General mechanical ventilation or local exhaust as appropriate.
PERSONAL PROTECTION
Eyes: Safety glasses with side shields.
Respirator: If outer material is punctured or if using loose, use NIOSH/MSHA approved dust respirator in unventilated area.
Gloves: If outer material is punctured or if using loose, use of chemical resistant gloves is a good industrial practice.
Other: Eyewash facility.

Safety Data Sheet

8. Exposure Controls/Personal Protection (Cont'd)

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA (ppm)	
	OSHA PEL	ACGIH TLV
Mineral nuisance dust:		
Total	15 mg/m^3	10 mg/m^3
Respirable	5 mg/m^3	3 mg/m^3

9. Physical and Chemical Properties (Liquid)

Appearance: Mauve mat, pad, sock or pillow with light orange or light purple crystalline powder filler or loose powder.
Odor: None **Odor Threshold:** Not applicable
pH: Not applicable
MELTING POINT/Freezing Point: *Skin*: 320°F (160°C), *Filler*: 1584°F (862°C)
Initial Boiling Point and Range: Not applicable
Flash Point: Not established **Method:** Not applicable
Evaporation Rate: Not applicable
Flammable Limits: Not established
Conditions of Flammability: Not established
Explosive Properties: None
Vapor Pressure: Not established
Vapor Density: Not established
Relative Density (H_20 = 1): 2.2
Solubility in Water: 5.5g/100g water at 0°C
Auto Ignition Temperature: *Skin*: 825° F (440° C), *Filler*: Non combustible
Coefficient of Water/Oil Distribution: Not available

10. Stability and Reactivity

General: This is a stable material.
Conditions of Reactivity: Depending on the chemical being neutralized, significant quantities of heat may be generated, including some off-gassing.
Incompatible Materials: Fluorine, lithium and 2,4,6-trinitrotoluene. Contact with food products containing sugars may form deadly carbon monoxide gas. Contact with acids will cause neutralization.
Conditions to Avoid: Extreme heat.
Hazardous Decomposition: Carbon dioxide.
Hazardous Polymerization: Will not occur.

11. Toxicological Information

Target Organs: No data available
POTENTIAL HEALTH EFFECTS:
Eye Contact: If outer material is punctured or if using loose powder, may cause irritation.
Ingestion: If outer material is punctured, may cause burns of mouth, nose, throat, stomach and esophagus. If large amounts are ingested, may cause nausea, vomiting, diarrhea.
Inhalation: If outer material is punctured, may cause respiratory irritation. Pre-existing respiratory disorders may be aggravated by this product.

11. Toxicological Information (Cont'd)

Skin Contact: If outer material is punctured or if using loose powder, may cause irritation.
Chronic: Prolonged contact may cause burns and dermatitis
LD50: Not established for mixture.
LC50: Not established for mixture.
Carcinogenicity: IARC: No
National Toxicology Program: No
OSHA: No
California Prop 65: No listed ingredient
Reproduction Toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Synergistic Products: Not available
Sodium carbonate (CAS # 497-19-8):
Eye: The draize eye irritation score for rabbits is 100 mg/24H
Skin: The dermal LD50 for rabbits: 500 mg/24H Mild
Ingestion: The oral LD50 for rats is 4090 mg/kg.
LC50: Inhalation, Rat: 2300 mg/m^3, 2 hours

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: If material is unused, dispose of as a non-hazardous material in accordance with federal, state and local regulations. Refer to SDS(s) of absorbed materials.

14. Transport Information

DOT (Department of Transportation):
Proper Shipping Name: Not regulated
Hazard Class: None
Identification Number: Not applicable
Land Transport ADR/RID (cross-border):
ADR/RID Class: None
Maritime Transport IMDG/GGVSea:
IMDG/GGVSea Class: None
Air Transport ICAO-TI and IATA-DGR:
ICAO/IATA Class: None
Transport/Additional Information: Not dangerous according to the above specifications.

15. Regulatory Information

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: Mineral nuisance dust
SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient
TSCA (Toxic Substances Control Act): All ingredients are listed.

Safety Data Sheet

16. Other Information

NFPA Hazard Ratings: **Health - 2**
none → extreme **Fire - 0**
0 → 4 **Reactivity - 0**

Reason for Issue: Reviewed, changes to Sections 3 & 16.
Prepared by: Dale Gatehouse, Entreprises Krenda Inc.
Approved by: Lisa Baxter, New Pig Corporation
Previous Date of Issue: 03/28/2013
Revised Date: 02/27/2014
SDS Number: MSD-151

The following is in lieu of all warranties, expressed or implied: All information provided is based on testing and data believed to be accurate.

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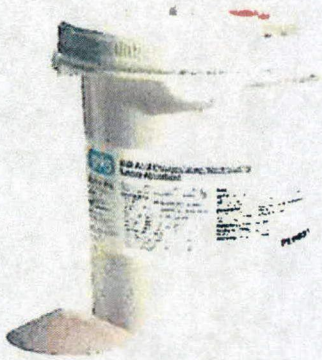

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Neutralizes and encapsulates spills of acids and then changes color to let you know when it's safe to finish the clean-up.

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- 1 - 40-lb. Pail

As Low As: $127.00

Item# **PLP801**

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  PIG® Oil-Only Absorbent Mat Pad
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- MAT203
  PIG® Absorbent Mat Pad
  $81.00 - $99.00

- PLP804
  PIG® Base Encapsulating/Neutralizing Loose Absorbent
  $283.00 - $289.00

- MAT302
  PIG® HazMat Mat Pad
  $82.00 - $99.00

- BAG201
  "Caution - Handle with Care" Polyethylene Disposal Bags
  $49.00 - $71.00

- Product Details
- Reviews 5.0/5.0

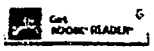
Description

- Encapsulates and neutralizes common acid spills in one step; great for battery charging, transport and storage areas

- Changes color on contact with acid, then returns to normal when neutralization is complete; helps identify the best time to handle with the least amount of risk
- Instantly absorbs up to 98% concentrations of sulfuric acid
- Gelling agents solidify acid during neutralization and prevent it from leaching out

Additional Information

- Acid Neutralizing Guidelines
- Product Data Sheet (PDS)
- Material Safety Data Sheet (MSDS) for PIG® Acid Encapsulating / Neutralizing Absorbents
- **Acid Absorbents Notice**
  Not for use with hydrofluoric acid.
- **HAZ-MAT Notice**
  To ensure effectiveness and your safety, we recommend that you conduct compatibility and absorption testing of your chemicals with PIG® HAZ-MAT products prior to purchase. If you have any questions or need samples to test, please call Technical Services.



Specifications

Form:

Granular

Neutralizes:

Acids

Treats:

Up to 13-gal.

Volume:

40-lb. Pail

Sold as:

1 container

Weight:

40 lbs.

per Pallet:

30

Composition:

Polymer, Sodium Carbonate & Alizarin

UNSPSC:

47131902

Pigalog® Page Number:

Page 85

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- PIG Oil Absorbent Mats
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- PIG Oil Absorbent Pillows, Pans & More
- PIG Loose Absorbents
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- PIG Special Application Absorbents
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- PIG® Bench Pads

- Spill Kits

Spill Kits

- PIG Universal Spill Kits in Containers
- PIG Truck Spill Kits
- PIG Universal Spill Kits in Overpack Salvage Drum
- PIG Universal Spill Kits in Mobile Containers
- PIG Universal Spill Kits in Bags
- PIG Oil Spill Kits in Containers
- PIG Oil Spill Kits in Overpack Salvage Drums
- PIG Oil Spill Kits in Mobile Containers
- PIG Oil Spill Kits in Bags
- PIG Chemical Spill Kits in Containers
- PIG Chemical Spill Kits in Overpack Salvage Drums
- PIG Chemical Spill Kits in Mobile Containers
- PIG Chemical Spill Kits in Bags
- PIG Pesticide Spill Kits
- PIG Chemical Neutralizing Spill Kits
- Spill Kit Accessories & Testing Supplies

- Spill Control

Spill Control

- PIG DrainBlocker Drain Covers
- PIG Drain Plugs
- PIG Spill Containment Dikes
- PIG Spill Containment Berms
- Containment Booms
- Spill Control Accessories

- Spill Containment

Spill Containment

- PIG Collapsible Spill Containment
- PIG Spill Containment Decks
- PIG Spill Containment Pallets
- PIG Rolltops & Covered Spill Containment Pallets
- PIG IBC & Tank Spill Containment Units
- PIG Spill Trays & Containment Shelves
- PIG Leak & Spill Containment Bags
- PIG Special Application Spill Containment
- Spill Containment Accessories

- Storage & Material Handling

Storage & Material Handling

- PIG Drum Funnels
- PIG Latching Drum Lids
- Drum Lids & Drum Liners
- Drum Accessories
- Drum Trucks, Dollies & Racks
- Drum Lifters, Loaders & Grabs
- Drum Pumps
- Drums, Overpacks & IBCs
- Buckets, Pails, Lids & Accessories
- Safety Cans
- Flammable Safety Cabinets
- Cylinder Storage & Handling
- Bulk Storage & Dispensing Tanks
- Oil Drain Pans & Dispensing Containers

- Plant Safety

Plant Safety

- Anti-Fatigue Mats
- Anti-Slip Tapes, Non-Slip Mats & Cable Protectors
- Floor Marking Tapes & Floor Signs
- Entrance Mats & Sticky Mats
- Signs, Labels & Pipe Markers
- Lockout/Tagout, Padlocks & Safety Tags
- Right-to-Know Centers & Response Guides
- Bollards, Bollard Covers & Machine Guards
- Traffic Barricades, Barriers, Railings & More
- Speed Bumps, Parking Stops & Wheel Chocks

- Security Mirrors
- Personal Safety & PPE

Personal Safety & PPE

- Ear Plugs & Ear Muffs
- Eye Wash Stations & Safety Showers
- Fall Protection
- First Aid Kits & Body Fluid Spill Kits
- Flashlights & Other Lighting
- Gloves
- Hard Hats & Liners
- Protective Suits, Tyvek Coveralls & More
- Respirators & Dust Masks
- Safety Glasses & Safety Goggles
- Work Boots & Shoes

- Patch, Repair & Maintenance

Patch, Repair & Maintenance

- PIG Leak Diverters
- Oil Water Separators
- PIG Epoxy Putty, Patch & Repair
- Recycling Containers, Systems & Crushers
- Remediation & Cleaning Chemicals
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- Outdoor Ashtrays & Smoking Receptacles
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Safety Data Sheet

1. Product And Company Identification

Product Identifier: PIG Base Encapsulating / Neutralizing Absorbents (MSD-152)
General Use: PIG Base Encapsulating / Neutralizing Absorbents are designed to absorb, encapsulate and neutralize spilled bases rapidly. Product will turn from a cream color to a blue (high concentrations), red (medium concentrations), then back to a cream color when neutralized.
Product Description: Cream colored absorbents in pillow, sock, mat and loose form. Skin is polypropylene.

COMPANY PROFILE:	**EMERGENCY TELEPHONE:**
New Pig Corporation	INFOTRAC
One Pork Avenue	200 North Palmetto Street
Tipton, PA 16684-0304	Leesburg, FL 34748
Information Number	24 hrs, 7 days/week
1-800-468-4647	1-800-535-5053

Website: www.newpig.com, **Email:** hothogs@newpig.com

2. Hazards Identification

If outer material is punctured or if using loose powder: Warning! Irritant: Product contains chemicals known to cause serious eye irritation, mild skin irritation and may be harmful if swallowed.

GHS Classification for Mat, Sock or Pillow: Not a dangerous substance according to GHS

GHS Classification for Loose Form: Eye irritation, category 2

GHS Label Elements

Signal Word: Warning
H303 May be harmful if swallowed
H316 Causes mild skin irritation
H319 Causes serious eye irritation
Precautionary Statements:
P280 Wear protective gloves/protective clothing/eye protection/ face protection
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 IF eye irritation persists: Get medical advice/attention

3. Composition/Information on Ingredients

Filler or Loose:		
CAS: 77-92-9 EC: 201-069-1	Citric acid	60-65%
CAS : None	Super Absorbent	40-45%
CAS : 89-83-8 EC : 201-944-8	Thymol	<1%
Skin:		
CAS: 9003-07-0	Polypropylene	>99%
CAS: None	Adhesive	<1.0001%
CAS: 9003-07-0	Polypropylene stitching	<0.0001%

4. First Aid Measures

Eye Contact: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get medical attention if irritation persists.
Ingestion: If conscious, give two glasses of water and call physician or poison control.
Inhalation: Remove to fresh air if excessive amounts of dust inhaled.
Skin Contact: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.

5. Fire Fighting Measures

Extinguishing Media: Use media appropriate for surrounding fire.
Special Fire Fighting Procedures: Wear self contained breathing apparatus and full protective clothing.
Hazardous Combustion Products: Not established
Unusual Hazards: Polymer residue is slippery when wet. Refer to absorbed liquid(s) SDS(s). The Base Encapsulating / Neutralizing Absorbents may help neutralize the base making it less hazardous but not less flammable.

6. Accidental Release Measures

Spill or Leak Procedures: Recovered spills should be placed in closed containers and disposed of in accordance with Federal, State and local regulations. Do not flush material to public sewer or waterways. If sweeping loose absorbent, dampen with water spray or vacuum to avoid creating dust

7. Handling and Storage

Handling Precautions: Store in cool, dry well ventilated area away from incompatible chemicals and away from flammables, heat sources, foodstuffs and animal feed. If outer material is punctured, avoid breathing dust. If wet, filler is very slippery.
Storage Precautions: Room temperature. Shelf Life: ~5 years when stored in a clean, dry environment out of direct sunlight.
General: The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls/Personal Protection

Engineering Controls: General mechanical ventilation or local exhaust as appropriate.
PERSONAL PROTECTION
Eyes: Safety glasses with side shields.
Respirator: If outer material is punctured or if using loose, use NIOSH/MSHA approved dust respirator in unventilated area.
Gloves: If outer material is punctured or if using loose, use of chemical resistant gloves is a good industrial practice.
Other: Eyewash facility.

Safety Data Sheet

8. Exposure Controls/Personal Protection (Cont'd)

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA (ppm)	
	OSHA PEL	ACGIH TLV
Mineral nuisance dust:		
Total	15 mg/m^3	10 mg/m^3
Respirable	5 mg/m^3	3 mg/m^3

9. Physical and Chemical Properties (Liquid)

Appearance: Cream colored pillow, mat or sock with purplish white crystalline powder filler or loose powder.
Odor: None **Odor Threshold:** Not applicable
pH: Not applicable
MELTING POINT/Freezing Point: Skin: 160°F (71°C), Filler: 1564°F (851°C)
Initial Boiling Point and Range: Not applicable
Flash Point: Not established **Method:** Not applicable
Evaporation Rate: Not applicable
Flammable Limits: Not established
Conditions of Flammability: Not established
Explosive Properties: None
Vapor Pressure: Not established
Vapor Density: Not established
Relative Density (H_20 = 1): 2
Solubility in Water: 41% at 200°C (392°F)
Auto Ignition Temperature: Not established
Coefficient of Water/Oil Distribution: Not available

10. Stability and Reactivity

General: This is a stable material.
Conditions of Reactivity: Depending on the chemical being neutralized, significant quantities of heat may be generated, including some off-gassing.
Incompatible Materials: Metallic nitrates, cyanides, sulfides and strong oxidizers. Contact with sodium or calcium hypochlorite creates chlorine gas.
Conditions to Avoid: None known
Hazardous Decomposition: Carbon dioxide and carbon monoxide. Thermal decomposition may result in acid fumes.
Hazardous Polymerization: May occur

11. Toxicological Information

Target Organs: No data available
POTENTIAL HEALTH EFFECTS:
Eye Contact: If outer material is punctured or if using loose powder, may cause irritation.
Ingestion: If outer material is punctured, may cause burns of mouth, nose, throat, stomach and esophagus. If large amounts are ingested, may cause nausea, vomiting, diarrhea.

11. Toxicological Information (Cont'd)

Inhalation: If outer material is punctured, may cause respiratory irritation. Pre-existing respiratory disorders may be aggravated by this product.
Skin Contact: If outer material is punctured or if using loose powder with contained absorbent, may cause irritation.
Chronic: Prolonged contact may cause burns and dermatitis.
LD50: Not established for mixture.
LC50: Not established for mixture.
Carcinogenicity: IARC: No
National Toxicology Program: No
OSHA: No
California Prop 65: No listed ingredient
Reproduction Toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Synergistic Products: Not available
Citric acid (CAS # 77-92-9):
Eye: The draize eye irritation score for rabbits is 750 ug/24H
Skin: The dermal LD50 for rabbits: 500 mg/24H Mild
Ingestion: The oral LD50 for rats is 3000 mg/kg.
Ingestion: The oral LD50 for mice is 5040 mg/kg.

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: If material is unused, dispose of as a non-hazardous material in accordance with federal, state and local regulations. Refer to SDS(s) of absorbed materials.

14. Transport Information

DOT (Department of Transportation):
Proper Shipping Name: Not regulated
Hazard Class: None
Identification Number: Not applicable

15. Regulatory Information

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: Mineral nuisance dust
SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient
TSCA (Toxic Substances Control Act): All ingredients are listed.

Safety Data Sheet

16. Other Information

NFPA Hazard Ratings: **Health - 2**
none → extreme **Fire - 0**
0 → 4 **Reactivity - 0**

Reason for Issue: Reviewed, changes to Sections 3 & 16.
Prepared by: Dale Gatehouse, Entreprises Krenda Inc.
Approved by: Lisa Baxter, New Pig Corporation
Previous Date of Issue: 03/29/2013
Revised Date: 02/27/2014
SDS Number: MSD-152

The following is in lieu of all warranties, expressed or implied: All information provided is based on testing and data believed to be accurate.

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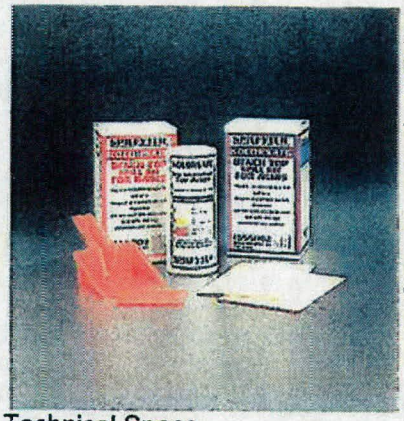

Acid Neutralizer Kit

SPILFYTER

Price: $23.06 / each

Typically in Stock

Item # **3TYK2** Mfr. Model # **555002** UNSPSC # **47131902**

Catalog Page # **N/A** Shipping Weight **0.48 lbs.**

Country of Origin **USA**Country of Origin is subject to change.

Technical Specs

Item	**Benchtop Acid Neutralizer Kit**	Container Size	**8 oz.**
Neutralizes	**Acids (Not for Hydrofluoric Acid or Hydrazine)**	Container Type	**Box and Shaker Bottle**
Form	**Granular**		

Compliance and Restrictions

None

Documentation

Spill Control Catalog
SFPUR090412 Applications
Product Selection Guide

Customers Also Purchased

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Battery Acid Spill Kit,2 gal.

Item # 49Y396
SUPPLYPAK

Price: $145.95

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Eye Wash Preservative,8 oz.

Item # 6JD86
HONEYWELL

Price: $10.37

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MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Product Number: 4400 Series
Product Name: KOLORSAFE® Dry Acid Neutralizer

Manufacturer:
NPS Corporation
3303 Spirit Way
Green Bay, WI 54304

Emergency Telephone Numbers:
CHEMTREC--Domestic (800)424-9300 24 hours
--International (202)483-7616 24 hours
Information (800) 558-5066 7:30am-4:30pm CDT M-F

Section 2. Composition/Information on Ingredients

CAS Registry #	Component
497-19-8	Sodium Carbonate
72-48-0	Alizarin

(NOTE: See Section 8 of this MSDS for Exposure Guidelines)

Section 3. Hazards Identification

Emergency Overview
Odorless, white granular solid. This product presents no unusual fire hazard.

Potential Health Effects

Eye: May cause slight to severe irritation, possibly ulcerations.

Skin: May cause slight to severe irritation. Repeated skin contact may aggravate an existing dermatitis (skin condition) and/or sensitivity of the skin.

Inhalation: Exposure to excessive levels of airborne dust may irritate the nose, throat, and upper respiratory system.

Signs and Symptoms:

- Eyes: Redness, Tearing, Possible burns
- Skin: Redness, Swelling, Possible burns
- Inhalation: Discomfort of the nose and throat, Coughing, Shortness of breath

Section 4. First Aid Measures

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Brush off excess powder with a dry towel. Wash affected area with plenty of soap and water for several minutes. If skin irritation develops or persists, seek medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: If swallowed, call a physician or poison control center immediately.

Section 5. Fire Fighting Measures

Flash Point: NA
Flammable Limits: NA
Auto-ignition Temperature: NA

NOTE: This material is non-combustible as supplied.

Extinguishing Media: If the need exists, dry chemical, foam, or carbon dioxide can be used. Use water fog or spray to cool exposed equipment and containers.

Special Fire Fighting Procedures: For large fires or fires in confined areas, full emergency equipment with self-contained breathing apparatus and full protective clothing should be used. Thermal decomposition of this product may produce sodium oxide and carbon dioxide gases.

Section 6. Accidental Release Measures

Avoid breathing airborne dust. Avoid contact with skin and eyes. If unused material is spilled, collect by sweeping, shoveling or vacuuming and recycle the material for use . If this product is mixed with other materials, see Section 13.

NOTE: Do not flush material to public sewer systems or waterways.

Section 7. Handling and Storage

Store in a cool, dry, and well ventilated area. Keep container tightly closed. Avoid contact with materials listed in Section 10.

Section 8. Exposure Controls/Personal Protection

Exposure Limits: None specifically established for this product; treat as a nuisance dust as defined in 29 CFR 1910.1000.

OSHA PEL: Total Dust is 15 mg/M^3.
Respirable Fraction is $5mg/M^3$.

ACGIH TLV is 5 mg/M^3.

The end-user must determine the specific types of personal protective equipment needed according to 29 CFR 1910.132—Personal Protective Equipment (PPE) for General Industry. The following are only suggestions:

- Eyes: Safety glasses, goggles, or face shield
- Skin: Suitable chemically resistant gloves and protective clothing
- Inhalation: Air purifying respirator with appropriate chemical cartridge or canister

Adequate ventilation should be provided to limit the threat of inhalation.

Section 9. Physical and Chemical Properties

Appearance: White granular solid
Odor: Odorless
Boiling Point: Not Tested
Vapor Pressure (mmHg): NA
Vapor Density: NA
Solubility in Water: Slightly Soluble(30% @ 68 °F)
Specific Gravity (H_2O=1): 2.53
Melting Point: 1564 °F
pH: 11.4
Evaporation Rate (Butyl Acetate=1): NA
% Vaporizable by volume (H_2O=100): NA

Section 10. Stability and Reactivity

Stable: Yes
Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Aluminum powder, fluorine, and lithium.

NOTES: This material reacts with acids, releasing large volumes of carbon dioxide gas and heat. Reaction of this material with certain food products and their residues containing reducing sugars can create carbon monoxide.

Hazardous Decomposition or Byproducts: Thermal decomposition may produce sodium oxide and carbon dioxide gases.

Hazardous Polymerization: Will not occur

Section 11. Toxicological Information

This product is not listed by NTP or IARC. See Section 15.

Section 12. Ecological Information

No data available. See Section 15.

Section 13. Disposal Considerations

This product in itself is considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used, this product may take on the characteristics of the chemical(s) it was used with and should be disposed of accordingly. Disposal of this product (used or unused) must be in compliance with all local, state, and federal regulations.

Section 14. Transport Information

Not regulated by DOT

Section 15. Regulatory Information

TSCA Inventory Status: All components are listed on the TSCA list.

SARA Title III

Section 302 Extreme Hazardous Substance List: Not listed

Section 311/312 Hazard Classification:

Immediate (acute): Yes
Delayed (chronic): No
Fire: No
Sudden Release of Pressure: No
Reactive: No

Section 313 Toxic Chemicals: Not listed

USEPA CERCLA—Reportable Quantity (RQ): Not listed

RCRA Hazardous Waste: Not listed

State/Int'l Right-to-Know Regulations: Canada's WHMIS—Sodium Carbonate 1%

Section 16. Other Information

Abbreviations:

CFR: Code of Federal Regulations
OSHA: Occupational Safety and Health Administration
MSDS: Material Safety Data Sheet
PEL: Permissible Exposure Limit
NA: Not Applicable
ACGIH: American Conference of Governmental Industrial Hygienists

Abbreviations (cont.):

TLV: Threshold Limit Value
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
RCRA: Resource Conservation and Recovery Act
TSCA: Toxic Substances Control Act
SARA: Superfund Amendments and Reauthorization Act
USEPA: United States Environmental Protection Agency
CERCLA: Comprehensive Response, Compensation, and Liability Act
DOT: Department of Transportation
WHMIS: Workplace Hazardous Materials Information System
n.o.s.: Not Otherwise Specified
NFPA: National Fire Protection Association
HMIS: Hazardous Material Information System

NFPA Ratings:
Health: 2
Fire: 0
Reactivity: 0
Special Hazard: None

HMIS Ratings:
Health: 2
Flammability: 0
Reactivity: 0
Personal Protection: X

NOTE: This MSDS has been prepared only for the KOLORESAFE® Dry Acid Neutralizer (4400 Series) of SPILFYTER® Products. The MSDS's of the chemicals used with this product must be reviewed completely, and precautions taken as described.

The information accumulated herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, NPS Corporation cannot give guarantees regarding the information from sources, and expressly does not make any warranties, nor assumes any liability for its uses of this product.

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MATERIAL SAFETY DATA SHEET

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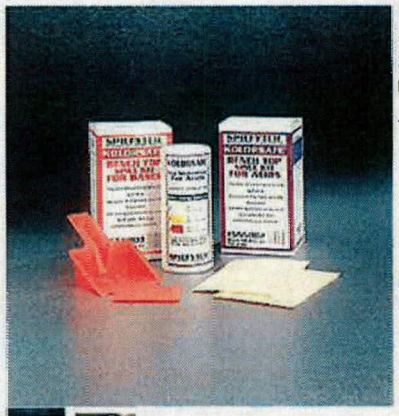


Base Neutralizer Kit

SPILFYTER

Price: $23.06 / each

Typically In Stock

☆ ☆ ☆ ☆ ☆

Item # **3TYK3**
Catalog Page # **N/A**
Mfr. Model # **555003**
Shipping Weight **0.46 lbs.**
UNSPSC # **47131905**

Country of Origin **USA**Country of Origin is subject to change.

Technical Specs

Item	**Benchtop Base Neutralizer Kit**	Container Size	**8 oz.**
Neutralizes	**Bases- Not for Use with Metallic Nitrates, Cyanides, Sulfides, Strong Oxidizers, or Hypochlorite (Sodium or Calcium) Solutions**	Container Type	**Box and Shaker Bottle**
Form	**Granular**		

Compliance and Restrictions

View the Material Safety Data Sheet (MSDS) for this item.

Documentation

Spill Control Catalog
SFPUR090412 Applications
Product Selection Guide

Customers Also Purchased

Prev | Next

Faceshield Visor,Polycarb,Clr,8x15-1/2in
Item # 2ELR4
CREWS

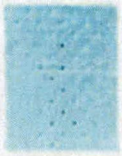
Price: $6.82

1 Add to Cart

Open-Top Trash Can,Rectangular,7 gal.
Item # 5W001
RUBBERMAID

Price: $11.57

1 Add to Cart



Absorbent Pad,Chemical, 5.5 gal., PK 100
Item # 42X731
BRADY SPC ABSORBENTS

Price: $50.45

1 Add to Cart

pH Strips,Hydrion Spectral,0-14,PK 100
Item # 6EGF0
MICRO ESSENTIAL

Price: $19.04

1 Add to Cart

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☆☆☆☆☆
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Ask & Answer

0 Questions | 0 Answers |

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Images

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[redacted]

[X] Close this window MSDS

Common Name: KOLORSAFE DRY BASE NEUTRALIZER
Manufacturer: NPS
MSDS Revision Date: 2/24/2011

Grainger Item Number(s): 3CNX9, 3CNY1, 3TYJ9, 3TYK3, 8AXC5, 9DKH9, 9LAM6
Manufacturer Model Number(s):

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Click the desired link below to jump directly to that section in the MSDS.

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MATERIAL SAFETY DATA SHEET

SPILFYTER(R*) PRODUCTS

KOLORSAFE(R*) DRY BASE NEUTRALIZER

REVISION DATE: 02/24/2011

MSDS NO.: 1009

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

top

PRODUCT NUMBER: 4500 SERIES

PRODUCT NAME: KOLORSAFE(R*) DRY BASE NEUTRALIZER

MANUFACTURER:
NPS CORPORATION
3303 SPIRIT WAY
GREEN BAY, WI 54304

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC:
DOMESTIC: (800) 424-9300 24 HOURS
INTERNATIONAL: (202) 483-7616 24 HOURS

INFORMATION: (800) 558-5066 7:30AM - 4:30PM CDT M-F

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

top

CAS REGISTRY #	COMPONENT
77-92-9	CITRIC ACID, ANHYDROUS
76-61-9	THYMOL BLUE

(NOTE: SEE SECTION 8 OF THIS MSDS FOR EXPOSURE GUIDELINES)

SECTION 3. HAZARDS IDENTIFICATION

top

EMERGENCY OVERVIEW:
ODORLESS, PALE PURPLE CRYSTALLINE POWDER. THIS PRODUCT PRESENTS NO UNUSUAL FIRE HAZARD.

POTENTIAL HEALTH EFFECTS:

EYE: MAY CAUSE SLIGHT TO SEVERE IRRITATION, POSSIBLY ULCERATIONS.

SKIN:
MAY CAUSE SLIGHT TO SEVERE IRRITATION. REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN CONDITION) AND/OR SENSITIVITY OF THE SKIN.

INHALATION:
EXPOSURE TO EXCESSIVE LEVELS OF AIRBORNE DUST MAY IRRITATE THE NOSE, THROAT, AND UPPER RESPIRATORY SYSTEM.

SIGNS AND SYMPTOMS:

EYES: REDNESS, TEARING, POSSIBLE BURNS

SKIN: REDNESS, SWELLING, POSSIBLE BURNS

INHALATION:
DISCOMFORT OF THE NOSE AND THROAT, COUGHING, SHORTNESS OF BREATH

SECTION 4. FIRST AID MEASURES

top

EYES:
IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN:
REMOVE CONTAMINATED CLOTHING. BRUSH OFF EXCESS POWDER WITH A DRY TOWEL. WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. IF SKIN IRRITATION DEVELOPS OR PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION:
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.

INGESTION:
IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SECTION 5. FIRE FIGHTING MEASURES

top

FLASH POINT: NA

FLAMMABLE LIMITS:
LOWER EXPLOSIVE LIMIT (LEL): 8 GM/FT3
UPPER EXPLOSIVE LIMIT (UEL): 65 GM/FT3

AUTO-IGNITION TEMPERATURE: 1850 DEG. F

NOTE: THIS MATERIAL IS NON-COMBUSTIBLE AS SUPPLIED.

EXTINGUISHING MEDIA:
IF THE NEED EXISTS, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE CAN BE USED.
USE WATER FOG OR SPRAY TO COOL EXPOSED EQUIPMENT AND CONTAINERS.

SPECIAL FIRE FIGHTING PROCEDURES:
FOR LARGE FIRES OR FIRES IN CONFINED AREAS, FULL EMERGENCY EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE USED. THERMAL DECOMPOSITION OF THIS PRODUCT MAY PRODUCE CARBON DIOXIDE GAS.

SECTION 6. ACCIDENTAL RELEASE MEASURES

top

AVOID BREATHING AIRBORNE DUST. AVOID CONTACT WITH SKIN AND EYES. IF UNUSED MATERIAL IS SPILLED, COLLECT BY SWEEPING, SHOVELING OR VACUUMING AND RECYCLE THE MATERIAL FOR USE. IF THIS PRODUCT IS MIXED WITH OTHER MATERIALS, SEE SECTION 13.

NOTE: DO NOT FLUSH MATERIAL TO PUBLIC SEWER SYSTEMS OR WATERWAYS.

SECTION 7. HANDLING AND STORAGE

top

STORE IN A COOL, DRY, AND WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. AVOID CONTACT WITH MATERIALS LISTED IN SECTION 10.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

top

EXPOSURE LIMITS:
NONE SPECIFICALLY ESTABLISHED FOR THIS PRODUCT; TREAT AS A NUISANCE DUST AS DEFINED IN 29 CFR 1910.1000.

OSHA PEL:
TOTAL DUST IS 15 MG/M3.
RESPIRABLE FRACTION IS 5 MG/M3.

ACGIH TLV: NOT ESTABLISHED

THE END-USER MUST DETERMINE THE SPECIFIC TYPES OF PERSONAL PROTECTIVE EQUIPMENT NEEDED ACCORDING TO 29 CFR 1910.132 - PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR GENERAL INDUSTRY.

THE FOLLOWING ARE ONLY SUGGESTIONS:

EYES: SAFETY GLASSES, GOGGLES, OR FACE SHIELD

SKIN: SUITABLE CHEMICALLY RESISTANT GLOVES AND PROTECTIVE CLOTHING

INHALATION:
AIR PURIFYING RESPIRATOR WITH APPROPRIATE CHEMICAL CARTRIDGE OR CANISTER
ADEQUATE VENTILATION SHOULD BE PROVIDED TO LIMIT THE THREAT OF INHALATION.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

top

APPEARANCE: BLUISH-WHITE CRYSTALLINE POWDER

ODOR: ODORLESS

BOILING POINT: NOT TESTED

VAPOR PRESSURE (MMHg): NA

VAPOR DENSITY: NA

SOLUBILITY IN WATER: MODERATELY SOLUBLE (59.2% @ 68 DEG. F)

SPECIFIC GRAVITY (H2O=1): 1.67

MELTING POINT: 307 DEG. F

pH: 2.2

EVAPORATION RATE (BUTYL ACETATE=1): NA

% VAPORIZABLE BY VOLUME (H2O=100): NA

SECTION 10. STABILITY AND REACTIVITY

top

STABLE: YES

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID):
STRONG OXIDIZERS, METALLIC NITRATES, CYANIDES, SULFIDES, AND HYPOCHLORITES.

NOTES:
THIS MATERIAL REACTS WITH ACIDS, RELEASING LARGE VOLUMES OF CARBON DIOXIDE GAS AND HEAT.

REACTION OF THIS MATERIAL WITH CERTAIN FOOD PRODUCTS AND THEIR RESIDUES CONTAINING REDUCING SUGARS CAN CREATE CARBON MONOXIDE.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
THERMAL DECOMPOSITION MAY PRODUCE CARBON DIOXIDE GAS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 11. TOXICOLOGICAL INFORMATION

top

THIS PRODUCT IS NOT LISTED BY NTP OR IARC. SEE SECTION 15.

SECTION 12. ECOLOGICAL INFORMATION

top

NO DATA AVAILABLE. SEE SECTION 15.

SECTION 13. DISPOSAL CONSIDERATIONS

top

THIS PRODUCT IN ITSELF IS CONSIDERED TO BE NON-HAZARDOUS AS DEFINED BY RCRA (40 CFR 261). ONCE USED, THIS PRODUCT MAY TAKE ON THE CHARACTERISTICS OF THE CHEMICAL(S) IT WAS USED WITH AND SHOULD BE DISPOSED OF ACCORDINGLY. DISPOSAL OF THIS PRODUCT (USED OR UNUSED) MUST BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

top

NOT REGULATED BY DOT

SECTION 15. REGULATORY INFORMATION

top

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE TSCA LIST.

SARA TITLE III:
SECTION 302 EXTREME HAZARDOUS SUBSTANCE LIST: NOT LISTED

SECTION 311/312 HAZARD CLASSIFICATION:
IMMEDIATE (ACUTE): NO
DELAYED (CHRONIC): NO
FIRE: NO
SUDDEN RELEASE OF PRESSURE: NO
REACTIVE: NO

SECTION 313 TOXIC CHEMICALS: NOT LISTED

USEPA CERCLA - REPORTABLE QUANTITY (RQ): NOT LISTED

RCRA HAZARDOUS WASTE: NOT LISTED

STATE/INT'L RIGHT-TO-KNOW REGULATIONS:
CANADA'S WHMIS: CITRIC ACID 1%

SECTION 16. OTHER INFORMATION

top

ABBREVIATIONS:
CFR: CODE OF FEDERAL REGULATIONS
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
MSDS: MATERIAL SAFETY DATA SHEET
PEL: PERMISSIBLE EXPOSURE LIMIT
NA: NOT APPLICABLE
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
TLV: THRESHOLD LIMIT VALUE
NTP: NATIONAL TOXICOLOGY PROGRAM
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
RCRA: RESOURCE CONSERVATION AND RECOVERY ACT
TSCA: TOXIC SUBSTANCES CONTROL ACT
SARA: SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT
USEPA: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CERCLA: COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT
DOT: DEPARTMENT OF TRANSPORTATION
WHMIS: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM
N.O.S.: NOT OTHERWISE SPECIFIED
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION
HMIS: HAZARDOUS MATERIAL INFORMATION SYSTEM

NFPA RATINGS:

HEALTH	1
FIRE	0
REACTIVITY	0
SPECIAL HAZARD	NONE

HMIS RATINGS:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

NOTE:

THIS MSDS HAS BEEN PREPARED ONLY FOR THE KOLORSAFE(R*) DRY BASE NEUTRALIZER (4500 SERIES) OF SPILFYTER(R*) PRODUCTS. THE MSDS'S OF THE CHEMICALS USED WITH THIS PRODUCT MUST BE REVIEWED COMPLETELY, AND PRECAUTIONS TAKEN AS DESCRIBED.

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View Product Family

Chemical Neutralizer, Acids, 1 gal.

SPILFYTER

Price: $43.70 / each

Typically in Stock

Item # **3CNW8** Mfr. Model # **410004** UNSPSC # **47131905**

Catalog Page # **2484** Shipping Weight **9.35 lbs.**

Country of Origin **USA**Country of Origin is subject to change.

Technical Specs

Item	**Acid Neutralizer**	Container Size	**1 gal.**
Neutralizes	**Acids (Not for Hydrofluoric Acid or Hydrazine)**	Container Type	**Bottle**
Form	**Liquid**	Includes	**Color Change Indicator when Neutralized**

Compliance and Restrictions

View the Material Safety Data Sheet (MSDS) for this item.

Documentation

Spill Control Catalog
SFPUR090412 Applications
Product Selection Guide

Details

Spilfyter® Specialty Spill Control Products
Safely contain, absorb, neutralize, and clean-up hazardous materials.
Product content provided by supplier

Alternate Products

Chemical Neutralizer, Acids, 1 qt.
Item # 3CNW7
SPILFYTER

Price:$15.59

Compare

Customers Also Purchased

Prev | Next

Paint Roller Cover,9 In,Nap 3/8 In,Pk 6
Item # 1UFN1
PREMIER

Price: $13.43

12 Add to Cart

Nuisance Dust Mask,Universal,PK 50
Item # 4VT68
HONEYWELL

Price: $11.81

1 Add to Cart

Hose Clamp,SS,Min.Dia.1/2,SAE
Item # 2PA60
IDEAL

Price: $9.09

1 Add to Cart

Plug Anchor,Plastic,w/Screw,PK 100
Item # 11K372
WESTWARD

Price: $22.78

1 Add to Cart

0 Reviews | 0 out of 5

This Product has no Reviews. Be the first to Write a Review.

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0 Questions | 0 Answers |

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FOR THE ONES WHO GET IT DONE

[redacted]

[X] Close this window

MSDS

Common Name: KOLORSAFE LIQUID ACID NEUTRALIZER
Manufacturer: NPS
MSDS Revision Date: 2/24/2011

Grainger Item Number(s): 24W856, 3CNW7, 3CNW8, 3CNW9, 8CEV0, 8P652, 9NLD5
Manufacturer Model Number(s):

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MATERIAL SAFETY DATA SHEET

SPILFYTER(R*) PRODUCTS

KOLORSAFE(R*) LIQUID ACID NEUTRALIZER

REVISION DATE: 02/24/2011

MSDS NO.: 1006

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

top

PRODUCT NUMBER: 4100 SERIES

PRODUCT NAME: KOLORSAFE(R*) LIQUID ACID NEUTRALIZER

MANUFACTURER:
NPS CORPORATION
3303 SPIRIT WAY
GREEN BAY, WI 54304

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC:
DOMESTIC: (800)424-9300 24 HOURS
INTERNATIONAL: (202)483-7616 24 HOURS

INFORMATION: (800)558-5066 7:30AM - 4:30PM CDT M-F

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

top

CAS REGISTRY #	COMPONENT
102-71-6	TRIETHANOLAMINE
72-48-0	ALIZARIN
7732-18-5	WATER

(NOTE: SEE SECTION 8 OF THIS MSDS FOR EXPOSURE GUIDELINES)

SECTION 3. HAZARDS IDENTIFICATION

top

EMERGENCY OVERVIEW:
PURPLE LIQUID WITH AN AMMONIA-LIKE ODOR. THIS PRODUCT PRESENTS NO UNUSUAL FIRE HAZARD.

POTENTIAL HEALTH EFFECTS:

EYE: MAY CAUSE SLIGHT TO SEVERE IRRITATION.

SKIN:
MAY CAUSE SLIGHT TO SEVERE IRRITATION. REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN CONDITION) AND/OR SENSITIVITY OF THE SKIN.

INHALATION:
EXPOSURE TO VAPORS OR MISTS IN EXCESS OF THE TLV (SEE SECTION 8) OR IN UNUSUALLY HIGH CONCENTRATIONS GENERATED FROM SPRAYING, HEATING THE MATERIAL, OR FROM EXPOSURE IN POORLY VENTILATED AREAS OR CONFINED SPACES MAY CAUSE IRRITATION OF THE NOSE, THROAT, AND UPPER RESPIRATORY SYSTEM.

SIGNS AND SYMPTOMS:

EYES: REDNESS, TEARING

SKIN: REDNESS, SWELLING

INHALATION:
DISCOMFORT OF THE NOSE AND THROAT, HEADACHE, NAUSEA, AND DROWSINESS

SECTION 4. FIRST AID MEASURES

top

EYES:
IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN:
REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. IF SKIN IRRITATION DEVELOPS OR PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION:
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.

INGESTION:
IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SECTION 5. FIRE FIGHTING MEASURES

top

FLASH POINT: NOT TESTED

FLAMMABLE LIMITS: NOT TESTED

AUTO-IGNITION TEMPERATURE: NOT TESTED

NOTE: THIS MATERIAL IS NON-FLAMMABLE AS SUPPLIED.

EXTINGUISHING MEDIA:
WATER SPRAY, ABC DRY CHEMICAL, FOAM, OR CARBON DIOXIDE. USE WATER FOG OR SPRAY TO COOL EXPOSED EQUIPMENT AND CONTAINERS. WATER OR FOAM MAY CAUSE FROTHING.

SPECIAL FIRE FIGHTING PROCEDURES:
FOR LARGE FIRES OR FIRES IN CONFINED AREAS, FULL EMERGENCY EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE USED. THERMAL DECOMPOSITION OF THIS PRODUCT MAY PRODUCE HAZARDOUS OR IRRITATING BYPRODUCTS. SEE SECTION 10.

SECTION 6. ACCIDENTAL RELEASE MEASURES

top

AVOID BREATHING VAPORS. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. CONTAIN THE SPILL AND COLLECT THE MATERIAL USING CHEMICALLY RESISTANT SORBENT PRODUCTS. IF THIS PRODUCT IS MIXED WITH OTHER MATERIALS, SEE SECTION 13.

SECTION 7. HANDLING AND STORAGE

top

AVOID HIGH HEAT AND/OR FREEZING CONDITIONS. KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR GENERAL CHEMICAL STORAGE UNDER NORMAL WAREHOUSE CONDITIONS.

NOTE:
IF THIS PRODUCT IS STORED AT TEMPERATURES >150 DEG. F OR AT ELEVATIONS ABOVE 5000 FEET, GAS MAY FORM, INCREASING THE PRESSURE WITHIN THE CONTAINER, CAUSING THE CONTAINER TO BULGE. IF BULGING OCCURS, REMOVE THE CONTAINER FROM THE WORK AREA AND SLOWLY OPEN THE CONTAINER TO RELEASE THE GAS. BE SURE TO WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

top

EXPOSURE LIMITS:

TRIETHANOLAMINE:
ACGIH TLV IS 5 MG/M3.
OSHA PEL: NOT ESTABLISHED

THE END-USER MUST DETERMINE THE SPECIFIC TYPES OF PERSONAL PROTECTIVE EQUIPMENT NEEDED ACCORDING TO 29 CFR 1910.132 - PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR GENERAL INDUSTRY.

THE FOLLOWING ARE ONLY SUGGESTIONS:

EYES: SAFETY GLASSES, GOGGLES, OR FACE SHIELD

SKIN: SUITABLE CHEMICALLY RESISTANT GLOVES AND PROTECTIVE CLOTHING

INHALATION:
AIR PURIFYING RESPIRATOR WITH APPROPRIATE CHEMICAL CARTRIDGE OR CANISTER
ADEQUATE VENTILATION SHOULD BE PROVIDED TO MEET THE ACGIH EXPOSURE LIMITS.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

top

APPEARANCE: PURPLE LIQUID

ODOR: AMMONIA-LIKE ODOR

EVAPORATION RATE (BUTYL ACETATE=1): NOT TESTED

BOILING POINT: 218 DEG. F

% VAPORIZABLE BY VOLUME (H2O = 100): 100

VAPOR PRESSURE (MMHg): NOT TESTED

VAPOR DENSITY: NOT TESTED

SOLUBILITY IN WATER: SOLUBLE

SPECIFIC GRAVITY (H2O=1): 1.09

FREEZING POINT: -4 DEG. F

pH: 10.2

SECTION 10. STABILITY AND REACTIVITY

top

STABLE: YES

CONDITIONS TO AVOID: SEE SECTION 7

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
IN A LIMITED AIR SUPPLY, THERMAL DECOMPOSITION PRODUCES CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, IRRITATING ALDEHYDES AND KETONES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 11. TOXICOLOGICAL INFORMATION

top

THIS PRODUCT IS NOT LISTED BY NTP OR IARC. SEE SECTION 15.

SECTION 12. ECOLOGICAL INFORMATION

top

NO DATA AVAILABLE. SEE SECTION 15.

SECTION 13. DISPOSAL CONSIDERATIONS

top

THIS PRODUCT IN ITSELF IS CONSIDERED TO BE NON-HAZARDOUS AS DEFINED BY RCRA (40 CFR 261). ONCE USED, THIS PRODUCT MAY TAKE ON THE CHARACTERISTICS OF THE CHEMICAL(S) IT WAS USED WITH AND SHOULD BE DISPOSED OF ACCORDINGLY. DISPOSAL OF THIS PRODUCT (USED OR UNUSED) MUST BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

top

NOT REGULATED BY DOT

SECTION 15. REGULATORY INFORMATION

top

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE TSCA LIST.

SARA TITLE III:
SECTION 302 EXTREME HAZARDOUS SUBSTANCE LIST: NOT LISTED

SECTION 311/312 HAZARD CLASSIFICATION:
IMMEDIATE (ACUTE): YES
DELAYED (CHRONIC): NO
FIRE: NO
SUDDEN RELEASE OF PRESSURE: NO
REACTIVE: NO

SECTION 313 TOXIC CHEMICALS: NOT LISTED

USEPA CERCLA - REPORTABLE QUANTITY (RQ): NOT LISTED

RCRA HAZARDOUS WASTE: NOT LISTED

STATE/INT'L RIGHT-TO-KNOW REGULATIONS:
CANADA'S WHMIS: TRIETHANOLAMINE 1%

CALIFORNIA PROPOSITION 65: NOT LISTED

INTERNATIONAL REGULATIONS:

ALL COMPONENTS ARE LISTED ON THE FOLLOWING LISTS:

CANADA INVENTORY STATUS: CANADIAN DOMESTIC SUBSTANCE (DSL)

EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES (EINECS)

JAPAN INVENTORY STATUS: JAPANESE MITI INVENTORY

SECTION 16. OTHER INFORMATION

top

ABBREVIATIONS:
CFR: CODE OF FEDERAL REGULATIONS
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
MSDS: MATERIAL SAFETY DATA SHEET
PEL: PERMISSIBLE EXPOSURE LIMIT
NA: NOT APPLICABLE
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
TLV: THRESHOLD LIMIT VALUE
NTP: NATIONAL TOXICOLOGY PROGRAM
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
RCRA: RESOURCE CONSERVATION AND RECOVERY ACT
TSCA: TOXIC SUBSTANCES CONTROL ACT
SARA: SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT
USEPA: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CERCLA: COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT
DOT: DEPARTMENT OF TRANSPORTATION
WHMIS: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM
N.O.S.: NOT OTHERWISE SPECIFIED
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION
HMIS: HAZARDOUS MATERIAL INFORMATION SYSTEM

NFPA RATINGS:

HEALTH	1
FIRE	1

REACTIVITY 0
SPECIAL HAZARD NONE

HMIS RATINGS:
HEALTH 1
FLAMMABILITY 1
REACTIVITY 0
PERSONAL PROTECTION X

NOTE:
THIS MSDS HAS BEEN PREPARED ONLY FOR THE KOLORESAFE(R*) LIQUID ACID NEUTRALIZER (4100 SERIES) OF SPILFYTER(R*) PRODUCTS. THE MSDS'S OF THE CHEMICALS USED WITH THIS PRODUCT MUST BE REVIEWED COMPLETELY, AND PRECAUTIONS TAKEN AS DESCRIBED.

THE INFORMATION ACCUMULATED HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, NPS CORPORATION CANNOT GIVE GUARANTEES REGARDING THE INFORMATION FROM SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USES OF THIS PRODUCT.

DISCLAIMER:
YOU HAVE PURCHASED SPILFYTER(R*) PRODUCTS FROM NPS CORPORATION

YOU HAVE BEEN PROVIDED DATA, PRODUCT LABELS, MSDS'S, AND OTHER INFORMATION ABOUT SPILFYTER(R*) PRODUCTS.

SOME SPILFYTER(R*) PRODUCTS ARE HAZARDOUS. INFORMATION ABOUT SPILFYTER(R*) PRODUCTS THAT ARE HAZARDOUS IS FURNISHED WITHOUT GUARANTEE. NPS CORPORATION DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION ABOUT HAZARDOUS SPILFYTER(R*) PRODUCTS.

THOSE PRODUCTS ARE ONLY TO BE USED BY PEOPLE HAVING EXPERTISE IN USING THE HAZARDOUS PRODUCTS.

THE INFORMATION PROVIDED ABOUT THE HAZARDOUS PRODUCTS IS BELIEVED TO BE CORRECT. YOU MUST PERFORM YOUR INVESTIGATION AS TO THE SAFETY, TOXICITY, SUITABILITY, AND PROPER SHIPPING METHOD FOR ANY HAZARDOUS SPILFYTER(R*) PRODUCT.

NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY NPS CORPORATION ABOUT THE RESULTS OF USE OF ITS PRODUCTS. NO GUARANTEE IS MADE AS TO THE SAFETY AND TOXICITY OF ANY SPILFYTER(R*) PRODUCT.

NPS CORPORATION DOES NOT ASSUME ANY LIABILITY ARISING OUT OF USE OF SPILFYTER(R*) PRODUCTS. ADDITIONAL INFORMATION AND RESEARCH MAY BE NECESSARY BEFORE YOU USE THE SPILFYTER(R*) PRODUCTS. NPS CORPORATION IS NOT RESPONSIBLE FOR DAMAGES, DIRECT OR INDIRECT, RESULTING FROM THE USE OF SPILFYTER(R*) PRODUCTS OR FROM RELIANCE ON DATA IN THE MSDS OR PRODUCT LABEL.

IF YOU RESELL SPILFYTER(R*) PRODUCTS, YOU MUST, BY LAW, FURNISH YOUR CUSTOMERS A COPY OF MSDS'S AND HANDLING INSTRUCTIONS.

YOU ARE ALSO REQUIRED BY LAW TO INSURE THAT ALL SPILFYTER(R*) PRODUCTS ARE PROPERLY SHIPPED.

SPILFYTER(R*), KOLLECT-A-KEM(R*), HANDS-IN-BAG(R*), KOLORSAFE(R*), AND GRAB&GO(R*) ARE ALL REGISTERED TRADEMARKS OF NPS CORPORATION

AQUALOCKIT(TM), TRUK-KIT(TM), DRAINGUARD(TM), GAPSEAL(TM), MEDICLEAN(TM), AND TIDYMAT(TM) ARE ALL TRADEMARKS OF NPS CORPORATION

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GRAINGER

View Product Family

Chemical Neutralizer, Bases, 1 gal.

SPILFYTER

Price: $50.50 / each

Typically in Stock

Item # **3CNX2**
Catalog Page # **2484**
Mfr. Model # **430004**
Shipping Weight **9.95 lbs.**
UNSPSC # **47131905**

Country of Origin **USA**Country of Origin is subject to change.

Technical Specs

Item	**Base Neutralizer**	Container Size	**1 gal.**
Neutralizes	**Bases- Not for Use with Metallic Nitrates, Cyanides, Sulfides, Strong Oxidizers, or Hypochlorite (Sodium or Calcium) Solutions**	Container Type	**Bottle**
		Includes	**Color Change Indicator when Neutralized**
Form	**Liquid**		

Compliance and Restrictions

View the Material Safety Data Sheet (MSDS) for this item.

Documentation

Spill Control Catalog
SFPUR090412 Applications
Product Selection Guide

Details

Spilfyter® Specialty Spill Control Products
Safely contain, absorb, neutralize, and clean-up hazardous materials.
Product content provided by supplier

Alternate Products

Chemical Neutralizer, Bases, 1 qt.
Item # 3CNX1
SPILFYTER

Price:$17.36

Compare

Customers Also Purchased

Prev | Next

Hazardous Material Bag,30 In.L,PK24
Item # 3WNA4
GRAINGER APPROVED VENDOR

Price: $35.25

1 Add to Cart

Faceshield Window,Polycarbonate,8x15.5Ir
Item # 8TN28
TASCO

Price: $5.13

1 Add to Cart

Lamp Recycling Kit,48 In x12 In x12 In
Item # 4CY98
RECYCLEPAK

Price: $107.90

1 Add to Cart

Face Shield Ratchet Black 8 In X 15.5 In
Item # 3NMA5
TASCO

Price: $17.84

1 Add to Cart

0 Reviews | 0 out of 5

This Product has no Reviews. Be the first to Write a Review.

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0 Questions | 0 Answers |

This Product has no Q&A. Be the first to

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GRAINGER
WE'VE GOT INFINITE WAYS TO GET IT DONE

[X] Close this window MSDS

Common Name: KOLORSAFE LIQUID BASE NEUTRALIZER
Manufacturer: NPS
MSDS Revision Date: 2/24/2011

Grainger Item Number(s): 3CNX1, 3CNX2, 3CNX3, 8UPH3, 9DLJ2, 9NLV4
Manufacturer Model Number(s):

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SECTION 3. HAZARDS IDENTIFICATION
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SECTION 5. FIRE FIGHTING MEASURES
SECTION 6. ACCIDENTAL RELEASE MEASURES
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SECTION 10. STABILITY AND REACTIVITY
SECTION 11. TOXICOLOGICAL INFORMATION
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SECTION 13. DISPOSAL CONSIDERATIONS
SECTION 14. TRANSPORT INFORMATION
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SECTION 16. OTHER INFORMATION

MATERIAL SAFETY DATA SHEET

SPILFYTER(R*) PRODUCTS

KOLORSAFE(R*) LIQUID BASE NEUTRALIZER

REVISION DATE: 02/24/2011

MSDS NO.: 1007

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

top

PRODUCT NUMBER: 4300 SERIES

PRODUCT NAME: KOLORSAFE(R*) LIQUID BASE NEUTRALIZER

MANUFACTURER:
NPS CORPORATION
3303 SPIRIT WAY
GREEN BAY, WI 54304

EMERGENCY TELEPHONE NUMBERS:

CHEMTREC:
DOMESTIC: (800) 424-9300 24 HOURS
INTERNATIONAL: (202) 483-7616 24 HOURS

INFORMATION: (800) 558-5066 7:30 AM-4:30 PM CDT M-F

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

top

CAS REGISTRY #	COMPONENT
102-71-6	TRIETHANOLAMINE
76-61-9	THYMOL BLUE
77-92-9	CITRIC ACID
7732-18-5	WATER

(NOTE: SEE SECTION 8 OF THIS MSDS FOR EXPOSURE GUIDELINES)

SECTION 3. HAZARDS IDENTIFICATION

top

EMERGENCY OVERVIEW:
RED LIQUID WITH AN AMMONIA-LIKE ODOR. THIS PRODUCT PRESENTS NO UNUSUAL FIRE HAZARD.

POTENTIAL HEALTH EFFECTS:

EYE: MAY CAUSE SLIGHT TO SEVERE IRRITATION.

SKIN:
MAY CAUSE SLIGHT TO SEVERE IRRITATION. REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS (SKIN CONDITION) AND/OR SENSITIVITY OF THE SKIN.

INHALATION:
EXPOSURE TO VAPORS OR MISTS IN EXCESS OF THE TLV (SEE SECTION 8) OR IN UNUSUALLY HIGH CONCENTRATIONS GENERATED FROM SPRAYING, HEATING THE MATERIAL, OR FROM EXPOSURE IN POORLY VENTILATED AREAS OR CONFINED SPACES MAY CAUSE IRRITATION OF THE NOSE, THROAT, AND UPPER RESPIRATORY SYSTEM.

SIGNS AND SYMPTOMS:

EYES: REDNESS, TEARING

SKIN: REDNESS, SWELLING

INHALATION:
DISCOMFORT OF THE NOSE AND THROAT, HEADACHE, NAUSEA, AND DROWSINESS

SECTION 4. FIRST AID MEASURES

top

EYES:
IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN:
REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. IF SKIN IRRITATION DEVELOPS OR PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION:
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.
IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.

INGESTION:

IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SECTION 5. FIRE FIGHTING MEASURES

top

FLASH POINT: NOT TESTED

FLAMMABLE LIMITS: NOT TESTED

AUTO-IGNITION TEMPERATURE: NOT TESTED

NOTE: THIS MATERIAL IS NON-FLAMMABLE AS SUPPLIED.

EXTINGUISHING MEDIA:
WATER SPRAY, ABC DRY CHEMICAL, FOAM, OR CARBON DIOXIDE. USE WATER FOG OR SPRAY TO COOL EXPOSED EQUIPMENT AND CONTAINERS. WATER OR FOAM MAY CAUSE FROTHING.

SPECIAL FIRE FIGHTING PROCEDURES:
FOR LARGE FIRES OR FIRES IN CONFINED AREAS, FULL EMERGENCY EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE USED. THERMAL DECOMPOSITION OF THIS PRODUCT MAY PRODUCE HAZARDOUS OR IRRITATING BYPRODUCTS. SEE SECTION 10.

SECTION 6. ACCIDENTAL RELEASE MEASURES

top

AVOID BREATHING VAPORS. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. CONTAIN THE SPILL AND COLLECT THE MATERIAL USING CHEMICALLY RESISTANT SORBENT PRODUCTS. IF THIS PRODUCT IS MIXED WITH OTHER MATERIALS, SEE SECTION 13.

SECTION 7. HANDLING AND STORAGE

top

AVOID HIGH HEAT AND/OR FREEZING CONDITIONS. KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR GENERAL CHEMICAL STORAGE UNDER NORMAL WAREHOUSE CONDITIONS.

NOTE:
IF THIS PRODUCT IS STORED AT TEMPERATURES >150 DEG. F OR AT ELEVATIONS ABOVE 5000 FEET, GAS MAY FORM, INCREASING THE PRESSURE WITHIN THE CONTAINER, CAUSING THE CONTAINER TO BULGE. IF BULGING OCCURS, REMOVE THE CONTAINER FROM THE WORK AREA AND SLOWLY OPEN THE CONTAINER TO RELEASE THE GAS. BE SURE TO WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

top

EXPOSURE LIMITS:
TRIETHANOLAMINE:
ACGIH TLV IS 5 MG/M3.
OSHA PEL: NOT ESTABLISHED

EXPOSURE LIMITS:
CITRIC ACID:
ACGIH TLV: NOT ESTABLISHED
OSHA PEL: NOT ESTABLISHED

THE END-USER MUST DETERMINE THE SPECIFIC TYPES OF PERSONAL PROTECTIVE EQUIPMENT NEEDED ACCORDING TO 29 CFR 1910.132 - PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR GENERAL INDUSTRY.

THE FOLLOWING ARE ONLY SUGGESTIONS:

EYES: SAFETY GLASSES, GOGGLES, OR FACE SHIELD

SKIN: SUITABLE CHEMICALLY RESISTANT GLOVES AND PROTECTIVE CLOTHING

INHALATION:
AIR PURIFYING RESPIRATOR WITH APPROPRIATE CHEMICAL CARTRIDGE OR CANISTER
ADEQUATE VENTILATION SHOULD BE PROVIDED TO LIMIT THE THREAT OF INHALATION.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

top

APPEARANCE: RED LIQUID

ODOR: AMMONIA-LIKE ODOR

EVAPORATION RATE (BUTYL ACETATE=1): NOT TESTED

BOILING POINT: 218 DEG. F

% VAPORIZABLE BY VOLUME (H2O = 100): 100

VAPOR PRESSURE (MMHg): NOT TESTED

FREEZING POINT: -4 DEG. F

VAPOR DENSITY: NOT TESTED

pH: 2.3

SOLUBILITY IN WATER: SOLUBLE

SPECIFIC GRAVITY (H2O=1): 1.09

SECTION 10. STABILITY AND REACTIVITY

top

STABLE: YES

CONDITIONS TO AVOID: SEE SECTION 7

INCOMPATIBILITY (MATERIALS TO AVOID):
STRONG OXIDIZERS, METALLIC NITRATES, CYANIDES, SULFIDES, AND HYPOCHLORITES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
IN A LIMITED AIR SUPPLY, THERMAL DECOMPOSITION PRODUCES CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, IRRITATING ALDEHYDES AND KETONES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 11. TOXICOLOGICAL INFORMATION

top

THIS PRODUCT IS NOT LISTED BY NTP OR IARC. SEE SECTION 15.

SECTION 12. ECOLOGICAL INFORMATION

top

NO DATA AVAILABLE. SEE SECTION 15.

SECTION 13. DISPOSAL CONSIDERATIONS

top

THIS PRODUCT IN ITSELF IS CONSIDERED TO BE NON-HAZARDOUS AS DEFINED BY RCRA

(40 CFR 261). ONCE USED, THIS PRODUCT MAY TAKE ON THE CHARACTERISTICS OF THE CHEMICAL(S) IT WAS USED WITH AND SHOULD BE DISPOSED OF ACCORDINGLY. DISPOSAL OF THIS PRODUCT (USED OR UNUSED) MUST BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

top

NOT REGULATED BY DOT

SECTION 15. REGULATORY INFORMATION

top

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE TSCA LIST.

SARA TITLE III:

SECTION 302 EXTREME HAZARDOUS SUBSTANCE LIST: NOT LISTED

SECTION 311/312 HAZARD CLASSIFICATION:
IMMEDIATE (ACUTE): YES
DELAYED (CHRONIC): NO
FIRE: NO
SUDDEN RELEASE OF PRESSURE: NO
REACTIVE: NO

SECTION 313 TOXIC CHEMICALS: NOT LISTED

USEPA CERCLA - REPORTABLE QUANTITY (RQ): NOT LISTED

RCRA HAZARDOUS WASTE: NOT LISTED

STATE/INT'L RIGHT-TO-KNOW REGULATIONS:
CANADA'S WHMIS:
TRIETHANOLAMINE 1%
CITRIC ACID 1%

CALIFORNIA PROPOSITION 65: NOT LISTED

INTERNATIONAL REGULATIONS:

ALL COMPONENTS ARE LISTED ON THE FOLLOWING LISTS:
CANADA INVENTORY STATUS: CANADIAN DOMESTIC SUBSTANCE (DSL)
EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES (EINECS)
JAPAN INVENTORY STATUS: JAPANESE MITI INVENTORY

SECTION 16. OTHER INFORMATION

top

ABBREVIATIONS:
CFR: CODE OF FEDERAL REGULATIONS
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CERCLA: COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT
DOT: DEPARTMENT OF TRANSPORTATION

WHMIS: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM
N.O.S.: NOT OTHERWISE SPECIFIED
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION
HMIS: HAZARDOUS MATERIAL INFORMATION SYSTEM

NFPA RATINGS:
HEALTH 1
FIRE 1
REACTIVITY 0
SPECIAL HAZARD NONE

HMIS RATINGS:
HEALTH 1
FLAMMABILITY 1
REACTIVITY 0
PERSONAL PROTECTION X

NOTE:
THIS MSDS HAS BEEN PREPARED ONLY FOR THE KOLORESAFE(R*) LIQUID BASE NEUTRALIZER (4300 SERIES) OF SPILFYTER(R*) PRODUCTS. THE MSDS'S OF THE CHEMICALS USED WITH THIS PRODUCT MUST BE REVIEWED COMPLETELY, AND PRECAUTIONS TAKEN AS DESCRIBED.

THE INFORMATION ACCUMULATED HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, NPS CORPORATION CANNOT GIVE GUARANTEES REGARDING THE INFORMATION FROM SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USES OF THIS PRODUCT.

DISCLAIMER:
YOU HAVE PURCHASED SPILFYTER(R*) PRODUCTS FROM NPS CORPORATION
YOU HAVE BEEN PROVIDED DATA, PRODUCT LABELS, MSDS'S, AND OTHER INFORMATION ABOUT SPILFYTER(R*) PRODUCTS.

SOME SPILFYTER(R*) PRODUCTS ARE HAZARDOUS. INFORMATION ABOUT SPILFYTER(R*) PRODUCTS THAT ARE HAZARDOUS IS FURNISHED WITHOUT GUARANTEE. NPS CORPORATION DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION ABOUT HAZARDOUS SPILFYTER(R*) PRODUCTS.

THOSE PRODUCTS ARE ONLY TO BE USED BY PEOPLE HAVING EXPERTISE IN USING THE HAZARDOUS PRODUCTS.

THE INFORMATION PROVIDED ABOUT THE HAZARDOUS PRODUCTS IS BELIEVED TO BE CORRECT. YOU MUST PERFORM YOUR INVESTIGATION AS TO THE SAFETY, TOXICITY, SUITABILITY, AND PROPER SHIPPING METHOD FOR ANY HAZARDOUS SPILFYTER(R*) PRODUCT.

NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY NPS CORPORATION ABOUT THE RESULTS OF USE OF ITS PRODUCTS. NO GUARANTEE IS MADE AS TO THE SAFETY AND TOXICITY OF ANY SPILFYTER(R*) PRODUCT.

NPS CORPORATION DOES NOT ASSUME ANY LIABILITY ARISING OUT OF USE OF SPILFYTER(R*) PRODUCTS. ADDITIONAL INFORMATION AND RESEARCH MAY BE NECESSARY BEFORE YOU USE THE SPILFYTER(R*) PRODUCTS. NPS CORPORATION IS NOT RESPONSIBLE FOR DAMAGES, DIRECT OR INDIRECT, RESULTING FROM THE USE OF SPILFYTER(R*) PRODUCTS OR FROM RELIANCE ON DATA IN THE MSDS OR PRODUCT LABEL.

IF YOU RESELL SPILFYTER(R*) PRODUCTS, YOU MUST, BY LAW, FURNISH YOUR CUSTOMERS A COPY OF MSDS'S AND HANDLING INSTRUCTIONS.

YOU ARE ALSO REQUIRED BY LAW TO INSURE THAT ALL SPILFYTER(R*) PRODUCTS ARE PROPERLY SHIPPED.

SPILFYTER(R*), KOLLECT-A-KEM(R*), HANDS-IN-BAG(R*), KOLORSAFE(R*), AND GRAB&GO(R*) ARE ALL REGISTERED TRADEMARKS OF NPS CORPORATION

AQUALOCKIT(TM), TRUK-KIT(TM), DRAINGUARD(TM), GAPSEAL(TM), MEDICLEAN(TM), AND TIDYMAT(TM) ARE ALL TRADEMARKS OF NPS CORPORATION

Attachment 2
Decontamination Chemicals Provided by Energy Solution Operators

Emails from Energy Solution Operators

Magnesium Hydroxide 50% Solution

Rad-Release

Rad-Release II Step 1 Surface Prep

Rad-Release II Step 2 Decon Formula

Rad-Release Rinse Solution

Mike Papp

From: jrfesq2@aol.com
Sent: Thursday, May 08, 2014 7:41 PM
To: jim.schoen@q.com; mj_papp@msn.com
Cc: 4dc.consulting@gmail.com; randy_fitz@lanl.gov
Subject: Fwd: New MSDSs for EAI (Approval to Use EAI Rad – Release Chemicals)
Attachments: Rad-Release.pdf; Rad_Release_II-Step_2-Decon_Formula.pdf; Rad_Release_II-Step_1-Surface_Prep.pdf; Rad-Release_Rinse_Solution.pdf; Magnesium_Hydroxide_50%_Solution.pdf

Jim...here's decon products that are used in the boxline.....will want to evaluate and include in the revised AK Report writeups...thanks, rfitz

-----Original Message-----
From: Simmons, Craig E <craigs@lanl.gov>
To: Fitzgerald, Randy <randy_fitz@lanl.gov>; jrfesq2 <jrfesq2@aol.com>
Cc: Trey Greenwood <4dc.consulting@gmail.com>; Pearcy, Mark - NWP <Mark.Pearcy@wipp.ws>; Sensibaugh, Mike - NWP <Mike.Sensibaugh@wipp.ws>
Sent: Thu, May 8, 2014 6:05 pm
Subject: FW: New MSDSs for EAI (Approval to Use EAI Rad – Release Chemicals)

Craig Simmons
Central Characterization Project
Nuclear Waste Partnership LLC
Contractor for the U.S. Department of Energy
Work: 505-664-0519
Cell: 505-412-7177
Cell: 575-302-5560

From: Miller, Scott
Sent: Thursday, May 08, 2014 4:21 PM
To: Simmons, Craig E
Subject: Fw: New MSDSs for EAI (Approval to Use EAI Rad – Release Chemicals)

From: Macrae, Hugh C
Sent: Thursday, May 08, 2014 04:19 PM
To: Romero, Mike J; Jay E. Wilson <jewilson@energysolutions.com>; Leah K. Lavallee <lklavallee@energysolutions.com>; Robert M. Allred <rmallred@energysolutions.com>; Newberry, Paul N; Miller, Scott
Subject: FW: New MSDSs for EAI (Approval to Use EAI Rad – Release Chemicals)

Mike,

Here is what I could find in Andy's files, in regards to the EAI Rad Release MSDS.

Hugh

From: Ezell, Andy
Sent: Friday, August 02, 2013 6:43 PM
To: Zeke Wilmot; Robert M. Allred; Jay E. Wilson; Rodriguez, L

Cc: Romero, Mike J; Macrae, Hugh C; Stafford, Fern; Stone, Russell; English, Liz; Ezell, Andy
Subject: RE: New MSDSs for EAI (Approval to Use EAI Rad – Release Chemicals)

Per Exhibit F; F19.0, Chemical and Hazardous Materials Management, Section F19.2, EAI Rad – Release chemicals have been approved, with cautions:

Ensure that dry acid neutralizer is available during use of Rad-Release Rinse Solution.

Ensure that all materials are properly stored when not in use.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-8347
E-mail: ajezell@lanl.gov

From: Zeke Wilmot [mailto:zwilmot@energysolutions.com]
Sent: Wednesday, July 31, 2013 1:25 PM
To: Ezell, Andy
Cc: Robert M. Allred; Jay E. Wilson; Rodriguez, L
Subject: New MSDSs for EAI

Andy,

We have received a number of new MSDSs from EAI for which we would like approval (attached). 2 of these MSDSs are the same formulations as previously submitted, but the names have been altered a bit ("Rad-Release 1 Step" is now simply "Rad Release," and "Rad-Release II -Decon Formula, Step 2" is now "Rad-Release II, Step 2, Decon Formula"). The previous MSDSs for the Rad Release II Surface Prep parts A & B have been combined as "Rad Release II, Step 1, Surface Prep." The two remaining MSDSs are new. The MSDS entitled "Rad Release Rinse Solution" is a very dilute nitric acid solution used following application of the Rad Release products, and "Magnesium Hydroxide 50% Solutions" is a neutralizer also used following application of the Rad Release products.

Thanks for your attention to this.

Zeke Wilmot, CIH, CSP
Industrial Hygienist-Energy***Solutions***

mobile-801-262-1829

From: Ezell, Andy [mailto:ajezell@lanl.gov]
Sent: Thursday, April 11, 2013 2:36 PM
To: Robert M. Allred; Frank Tarantello; Vince Rodriguez; Zeke Wilmot; Jay E. Wilson; Miles Smith
Cc: Romero, Mike J; Macrae, Hugh C; Stafford, Fern; Bement, Rob; Ezell, Andy
Subject: RE: MSDS's regarding EAI work (EAI MSDSs - Approval to Proceed)

Per Exhibit F; F19.0, Chemical and Hazardous Materials Management, Section F19.2, the attached EAI Rad – Release chemicals have been approved for use.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545

Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-8347
E-mail: ajezell@lanl.gov

From: Robert M. Allred [mailto:rmallred@energysolutions.com]
Sent: Wednesday, April 03, 2013 7:39 AM
To: Ezell, Andy
Cc: Frank Tarantello; Rodriguez, L; Zeke Wilmot; Jay E. Wilson; Miles Smith
Subject: MSDS's regarding EAI work

Andy,

Attached are 4 MSDS's for work to be performed by EAI. We have reviewed the MSDS's and are confident this work can be done safely. Please forward to appropriate reviewers for approval.

Zeke and I can be made available for a meeting if any reviewers would like to discuss specific concerns.

Respectfully,

-Robert M. Allred - MS, CSP
Safety and Health Manager
Energy***Solutions***
Government Group - Southwest Operations
O-505-663-7224
C-505-927-1159
176 Central Park Square
Los Alamos, NM 87544
rmallred@energysolutions.com
LANL Mailstop 315

From: Jay E. Wilson
Sent: Thursday, March 21, 2013 6:31 AM
To: Bement, Rob; Robert M. Allred; Zeke Wilmot
Cc: Romero, Mike J; Newberry, Paul N
Subject: FW: MSDS

EAI MSDS sheets.

Jay Wilson
Energy*Solutions*
505-501-0318
jewilson@energysolutions.com

From: Randy Martin [mailto:rmartin@eai-inc.com]
Sent: Wednesday, February 13, 2013 10:39 AM
To: Jay E. Wilson
Subject: MSDS

Jay,
We have two different processes that can be used. Rad-Release I is a single step process that has been instrumental in quickly deconning gloveboxes in a simplified approach. The Rad-Release II process involves a two-step process that used for more difficult applications where there are surface interferences and deeply embedded sub-surface contamination. Both processes have been used very successfully on gloveboxes. I have attached MSDS for all.

Randy Martin
Vice President
Environmental Alternatives, Inc.

149 Emerald Street, Suite R
Keene, NH 03431
Phone: (603) 352-3888
Fax: (603) 352-3899
Cell: (603) 209-4872

Attached Message

From: Stone, Russell <rdstone@lanl.gov>
To: Ezell, Andy <ajezell@lanl.gov>; Robert M. Allred <rmallred@energysolutions.com>; Frank Tarantello <FATarantello@energysolutions.com>; Rodriguez, L <lvrodriguez@energysolutions.com>; Zeke Wilmot <zwilmot@energysolutions.com>; Jay E. Wilson <jewilson@energysolutions.com>; Miles Smith <MCSmith@energysolutions.com>
Cc: Romero, Mike J <mjromero@lanl.gov>; Macrae, Hugh C <hmacrae@lanl.gov>; Stafford, Fern <fern@lanl.gov>
Subject: RE: MSDS's regarding EAI work (EAI MSDSs - Approval to Proceed)
Date: Fri, 2 Aug 2013 19:51:48 +0000

Andy

I have reviewed the attached MSDSs and approve use of these products in accordance with Exhibit F, Section 19.2, Chemical and Hazardous Materials Management.

Thanks, Russell

Russell Stone, CSP
EWMO ESH Team Leader
Office 606-0071
Pager 664-1345
Blackberry 500-6244
MS J962
Schedule B

From: Ezell, Andy
Sent: Thursday, April 11, 2013 2:36 PM
To: Robert M. Allred; Frank Tarantello; Rodriguez, L; Zeke Wilmot; Jay E. Wilson; Miles Smith
Cc: Romero, Mike J; Macrae, Hugh C; Stafford, Fern; Bement, Rob; Ezell, Andy
Subject: RE: MSDS's regarding EAI work (EAI MSDSs - Approval to Proceed)

Per Exhibit F; F19.0, Chemical and Hazardous Materials Management, Section F19.2, the attached EAI Rad – Release chemicals have been approved for use.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-8347
E-mail: ajezell@lanl.gov

From: Robert M. Allred [mailto:rmallred@energysolutions.com]
Sent: Wednesday, April 03, 2013 7:39 AM
To: Ezell, Andy
Cc: Frank Tarantello; Rodriguez, L; Zeke Wilmot; Jay E. Wilson; Miles Smith
Subject: MSDS's regarding EAI work

Andy,

Attached are 4 MSDS's for work to be performed by EAI. We have reviewed the MSDS's and are confident this work can be done safely. Please forward to appropriate reviewers for approval.

Zeke and I can be made available for a meeting if any reviewers would like to discuss specific concerns.

Respectfully,

-Robert M. Allred - MS, CSP
Safety and Health Manager
Energy***Solutions***
Government Group - Southwest Operations
O-505-663-7224
C-505-927-1159
176 Central Park Square
Los Alamos, NM 87544
rmallred@energysolutions.com
LANL Mailstop 315

From: Jay E. Wilson
Sent: Thursday, March 21, 2013 6:31 AM
To: Bement, Rob; Robert M. Allred; Zeke Wilmot
Cc: Romero, Mike J; Newberry, Paul N
Subject: FW: MSDS

EAI MSDS sheets.

Jay Wilson
Energy*Solutions*
505-501-0318
jewilson@energysolutions.com

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Sent: Wednesday, February 13, 2013 10:39 AM
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Randy Martin
Vice President
Environmental Alternatives, Inc.
149 Emerald Street, Suite R
Keene, NH 03431
Phone: (603) 352-3888
Fax: (603) 352-3899
Cell: (603) 209-4872

Attached Message

From: English, Liz <liz_english@lanl.gov>
To: Ezell, Andy <ajezell@lanl.gov>; Stone, Russell <rdstone@lanl.gov>
Cc: Romero, Mike J <mjromero@lanl.gov>; Macrae, Hugh C <hmacrae@lanl.gov>; Stafford, Fern <fern@lanl.gov>

Subject: RE: New MSDSs for EAI (Submitted for Approval to Use)
Date: Thu, 1 Aug 2013 22:00:23 +0000

Thank you, Andy. Approve, with cautions:

Ensure that dry acid neutralizer is available during use of Rad-Release Rinse Solution.

Ensure that all materials are properly stored when not in use.

Please let me know if you need more information.

Liz English
EWMO Environmental
Los Alamos National Laboratory
(505) 667-1925 (office)
(505) 695-8215 (BlackBerry)

From: Ezell, Andy
Sent: Wednesday, July 31, 2013 7:14 PM
To: Stone, Russell; English, Liz
Cc: Romero, Mike J; Macrae, Hugh C; Stafford, Fern; Ezell, Andy
Subject: FW: New MSDSs for EAI (Submitted for Approval to Use)

Please review the MSDS shown on the attachment as required per Exhibit F. Please provide me comments or approve. Attached is the ES&H approval to use the EAI Products by Rob Bement and the previous MSDSs.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-8347
E-mail: ajezell@lanl.gov

From: Zeke Wilmot [mailto:zwilmot@energysolutions.com]
Sent: Wednesday, July 31, 2013 1:25 PM
To: Ezell, Andy
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Zeke Wilmot, CIH, CSP
Industrial Hygienist-Energy***Solutions***

mobile-801-262-1829

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Sent: Thursday, April 11, 2013 2:36 PM
To: Robert M. Allred; Frank Tarantello; Vince Rodriguez; Zeke Wilmot; Jay E. Wilson; Miles Smith
Cc: Romero, Mike J; Macrae, Hugh C; Stafford, Fern; Bement, Rob; Ezell, Andy
Subject: RE: MSDS's regarding EAI work (EAI MSDSs - Approval to Proceed)

Per Exhibit F; F19.0, Chemical and Hazardous Materials Management, Section F19.2, the attached EAI Rad – Release chemicals have been approved for use.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-8347
E-mail: ajezell@lanl.gov

From: Robert M. Allred [mailto:rmallred@energysolutions.com]
Sent: Wednesday, April 03, 2013 7:39 AM
To: Ezell, Andy
Cc: Frank Tarantello; Rodriguez, L; Zeke Wilmot; Jay E. Wilson; Miles Smith
Subject: MSDS's regarding EAI work

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Zeke and I can be made available for a meeting if any reviewers would like to discuss specific concerns.

Respectfully,

-**Robert M. Allred** - MS, CSP
Safety and Health Manager
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Government Group - Southwest Operations
O-505-663-7224
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176 Central Park Square
Los Alamos, NM 87544
rmallred@energysolutions.com
LANL Mailstop 315

From: Jay E. Wilson
Sent: Thursday, March 21, 2013 6:31 AM
To: Bement, Rob; Robert M. Allred; Zeke Wilmot
Cc: Romero, Mike J; Newberry, Paul N
Subject: FW: MSDS

EAI MSDS sheets.

Jay Wilson
Energy*Solutions*
505-501-0318
jewilson@energysolutions.com

From: Randy Martin [mailto:rmartin@eai-inc.com]
Sent: Wednesday, February 13, 2013 10:39 AM
To: Jay E. Wilson
Subject: MSDS

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Randy Martin
Vice President
Environmental Alternatives, Inc.
149 Emerald Street, Suite R
Keene, NH 03431
Phone: (603) 352-3888
Fax: (603) 352-3899
Cell: (603) 209-4872

Material Safety Data Sheet

Environmental Alternatives, Inc.

MAGNESIUM HYDROXIDE, 50% SOLUTION

Product Identification

Product ID: MAGNESIUM HYDROXIDE 50% SOLUTION

MSDS Date: 7/31/2013

FSC: 6810

NIIN: 00N067561

Responsible Party

Company Name: Environmental Alternatives, Inc.

Address: 149 Emerald St., Ste. R

City: Keene

State: NH

ZIP: 03431

Country: US

Info Phone Number: 603-352-3888

Emergency Phone Number: 800-424-9300(CHEMTREC)

Preparer's Name: Daniel Crosby

Composition

Ingredient Name: MAGNESIUM HYDROXIDE

CAS: 1309-42-8

RTECS #: OM3570000

Fraction by Wt: 50 +/-3%

OSHA PEL: N/K

ACGIH TLV: N/K

Hazards Identification

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation: YES; Skin: YES; Ingestion: YES

Reports of Carcinogenicity: NTP: NO; IARC: NO; OSHA: NO

Health Hazards Acute and Chronic:

ACUTE: CAN CAUSE EYE & SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED. MAY BE HARMFUL IF INHALED. EYE/SKIN

CONTACT:"CAUTION" MODERATE IRRITANT.

CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION ; OTHERWISE SAME AS FOR ACUTE

Explanation of Carcinogenicity: NOT RELEVANT

Medical Conditions Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid Measures

INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION)

EYES: IMMEDIATELY FLUSH WITH PLENTY OF CLEAN, RUNNING WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER & LOWER LIDS OCCASIONALLY.SEAK MEDICAL ATTENTION.

SKIN: IMMEDIATELY FLUSH WITH PLENTY OF CLEAN, RUNNING WATER FOR AT LEAST 15 MINUTES, WHILE REMOVING CONTAMINATED CLOTHING & SHOES. IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMIT. IMMED DRINK LARGE QUATITY OF WATER.

Fire Fighting Measures

Extinguishing Media: WATER, FOAM, CARBON DIOXIDE & DRY CHEMICALS.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:. MAY PRODUCE HAZARDOUS FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release Measures

Spill Release Procedures: CONTAIN SPILLED LIQUID. (FOR SMALL SPILLS, ADD DRY MATERIAL TO CONTAIN.) WEARING RECOMMENDED PROTECTIVE EQUIPMENT, REMOVE BULK OF LIQUID; PICK UP & CONTAINERIZE FOR RECOVERY OR DISPOSAL. FLUSH AREA W/ WATER TO REMOVE RESIDUES.

Handling and Storage

Handling and Storage Precautions: FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

PROTECT EYES, SKIN & CLOTHING FROM CONTACT WITH PRODUCT. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions: STORE IN A DRY, WELL-VENTILATED AREA. THIS PRODUCT IS NOT FORMULATED TO CONTAIN A KNOWN CARCINAGENS/REPRODUCTIVE TOXINS. EXTREMELY SMALL AMOUNTS OF THESE MATERIALS MAY BE PRESENT IN THIS PRODUCT FROM GENERAL ENVIRONME NTAL SOURCES.

Exposure Controls/Personal Protection

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . NOT REQUIRED WHEN USED AS DIRECTED.

Ventilation: LOCAL EXHAUST: PREFERABLE. MECHANICAL (GENERAL): OK.

Protective Gloves: RUBBER OR PLASTIC GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKER GOGGLES.

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA.

Work Hygienic Practices: WASH THOROUGHLY W/SOAP & WATER AFTER HANDLING.

WASTE DISPOSAL METHOD: RETURN TO MANUFACTURER, OR ANY OTHER INDUSTRIAL USE.

Physical/Chemical Properties

Boiling Point: B.P. Text:>212F,>100C

Specific Gravity: 1.5-3.0 (H2O=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: WHITE, MILKY LIQUID W/NO ODOR.

pH: 9.5-10.5

Stability and Reactivity Data

Stable: YES

Materials to Avoid: ACIDS, unless when utilized for the purpose of neutralization.

Stability Condition to Avoid: NONE.

Hazardous Decomposition Products: WHEN HEATED TO DECOMPOSITION, IT EMITS TOXIC OXIDES OF MAGNESIUM.

Disposal

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS. THIS PRODUCT, IF DISPOSED AS SHIPPED, IS NOT A HAZARDOUS WASTE AS SPECIFIED IN 40CFR 251. CONSULT FEDERAL, STATE AND LOCAL OFFICIALS FOR PROPER DISPOSAL METHOD.

WHEN EMPTY, THOROUGHLY RINSE CNTNR W/WATER BEFORE DISP.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

MATERIAL SAFETY DATA SHEET

Rad-Release

MSDS Ref. No: RR-001
Date Prepared: 09/26/2007
Date Revised: 03/19/2011

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: Rad-Release (EAI, Co.), AKA-Idaho National Laboratory (INL) Foam/Clay Decon; Used for the removal of radioactive contamination from building surfaces.
PRODUCT CODE: RE-001
PRODUCT FORMULATION NAME: Rad-Release – 1 Step
CHEMICAL FAMILY: Surfactants, inorganic acids, organic acids
MOLECULAR FORMULA: Not Available
GENERIC NAME: Rad-Release

MANUFACTURER

Environmental Alternatives, Inc.
149 Emerald St. Suite R
Keene, NH 03431,

Idaho National Laboratory
2525 N. Fremont Avenue
P.O. Box 1625
Idaho Falls, ID 83415

Emergency Contact: Daniel Crosby
Telephone Number: (603) 352-3888
Emergency Telephone (24 hours): (603) 209-4875
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887
Transportation: (804) 968-6388

COMMENTS: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS#	% BY WEIGHT
Hydrochloric acid	7647-01-0	0-10%
Citric acid	5949-29-1	0-5%
Nitriltriacetic acid	139-13-9	<1%
Ammonium molybdo phosphate	54723-94-3	<1%
2-(2-Butoxyethoxy)-ethanol	112-34-5	1%
Ethanol	64-17-5	<0.5%
Sodium & ammonium salts of fatty alcohol ether sulfates	9004-82-4	<1%
Sodium Fluoride	7681-49-4	<1%

COMMENTS: Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specifications.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS *(See Section 11 for Toxicological Information)*

PRIMARY ROUTE(s) OF EXPOSURE: X Eye __ Skin Contact __ Skin Absorption

X Inhalation X Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES: Redness and possible itching and/or tearing of the eyes.

SKIN: Redness and/or itching of the skin

INHALATION: Possible coughing, burning, tightness of chest and/or shortness of breath.

INGESTION: Possible nausea and/or vomiting.

ACUTE EFFECTS: No test data is available for acute dermal toxicity.
Not expected to cause significant adverse effects if ingested.
No test data is available for acute inhalation toxicity.

CARCINOGENICITY: This solution may contain a component (nitrilotriacetic acid) that is a known carcinogen.

TERATOGENICITY: Not Available

REPRODUCTIVE TOXICITY: Not Available

MUTAGENICITY: Not Available

MEDICAL CONDITIONS AGGRAVATED: None known

TARGET ORGANS: Contains material which may cause gastrointestinal tract and respiratory tract effects based on animal data

SENSITIZATION: Not Available

4. FIRST AID MEASURES

EYES: May cause burns. Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get medical attention.

SKIN: May cause burns. Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. Seek medical attention. Wash contaminated clothing and shoes before reuse.

INHALATION: Remove from further exposure. Keep warm and at rest. If cough or other symptoms develop, seek medical attention.

INGESTION: May cause burns. Wash out mouth with water and keep at rest. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: estimated to be >200 degrees F

FLAMMABLE LIMITS Not Available

AUTOIGNITION TEMPERATURE: > 200°C (392°F)

FLAMMABLE CLASS: Nonflammable

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Not Available

GENERAL HAZARD: Evacuate personnel downwind of fire to avoid inhalation of irritating and/or harmful fumes and smoke.

EXTINGUISHING MEDIA: Chemical type foam, CO2 (Carbon Dioxide), Dry Chemical, Water Fog

HAZARDOUS COMBUSTION PRODUCTS: Chlorines, oxides of carbon and nitrogen

FIRE FIGHTING INSTRUCTIONS: This product is a nonflammable substance. However, hazardous decomposition and combustion products may be formed in a fire situation. Cool exposed containers with water spray to prevent overheating.

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.

SENSITIVE TO STATIC DISCHARGE: Not Available

SENSITIVITY TO IMPACT: Not Available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.

Wearing the appropriate personal protective equipment designated in Section 8, close or cap valves and/or block or plug hole in leaking container and transfer to another container.

Absorb spilled material, sweep up absorbant and dispose of at appropriate waste disposal facility according to current applicable laws and regulations. Flush area with water and ensure that the contaminated water is handled according to applicable laws.

LARGE SPILL: Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.

Wearing the appropriate personal protective equipment designated in Section 8, close or cap valves and/or block or plug hole in leaking container and transfer to another container.

Contain material as described above and call the local fire or police department for immediate emergency assistance.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Use appropriate containment to avoid runoff or release to sewer or waterways.

LAND SPILL: Use appropriate containment to avoid runoff or release to ground.

Remove containers of strong oxidizers from release area.

RELEASE NOTES: If spill could potentially enter any waterway, including intermittent dry creeks, contact the local authorities. If in the U.S., contact the US COAST GUARD NATIONAL RESPONSE CENTER toll free number 800-424-8802.

In case of accident or road spill notify:

- CHEMTREC in USA at 800-424-9300
- CANUTEC in Canada at 613-996-6666
- CHEMTREC, other countries, at (International code)+1 703 527 3887

COMMENTS: See Section 13 for disposal information and Section 15 for regulatory requirements.
Large and small spills may have a broad definition depending on the user's handling system. Therefore, the spill category must be defined at the point of release by technically qualified personnel.

7. HANDLING AND STORAGE

HANDLING: Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area.

Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

STORAGE: Store in unopened containers under cool and dry conditions.

Do not store with, or close to oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: If airborne dust is present, use a NIOSH approved particulate respirator.

ENGINEERING CONTROLS: If dust is generated, provide local exhaust ventilation to control airborne levels below the ACGIH TLV-TWA exposure limit for Particulates Not Otherwise Classified of 10 mg/m3 for inhalable particles and 3 mg/m3 for respirable.

WORK HYGIENIC PRACTICES: Facilities storing or using this material should be equipped with an eyewash facility and a safety shower.
Good personal hygiene practices should always be followed.

EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
Hydrochloric acid	5 ppm	2 ppm
Citric acid	None listed (NL)	NL
Nitriltriacetic acid	NL	NL
Ammonium molybdo phosphate	5 mg/m3	0.5 mg/m3
2-(2-Butoxyethoxy)-ethanol	NL	NL
Ethanol	1000 ppm	1000 ppm
Sodium fluoride	None Listed (NL)	NL
Sodium & ammonium salts of fatty alcohol ether sulfates		

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Odorless
APPEARANCE: Opaque
COLOR: Cream
pH: ~1 At 20 C.
VAPOR PRESSURE: Not Applicable
VAPOR DENSITY: Not Applicable
BOILING POINT: Not Applicable

FREEZING/MELTING POINT: Not Available
MELTING POINT: 0°C (32°F)
SOLUBILITY IN WATER: Soluble
DENSITY: 1 g/ml at (20°F) 68°C
SPECIFIC GRAVITY: 1 @ 20°C/4°C
VISCOSITY: Not Applicable
MOLECULAR WEIGHT: Not Available
OCTANOL/WATER PARTITION COEFFICIENT: Not Available

COMMENTS:

DENSITY:

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

STABILITY (CONDITIONS TO AVOID): The product is stable under normal ambient conditions of temperature and pressure.

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Heat.

HAZARDOUS DECOMPOSITION: Oxides of both Carbon and Nitrogen

INCOMPATIBLE MATERIALS: Strong Oxidizers

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material may cause significant irritation to the eyes.

SKIN EFFECTS: This material may cause significant irritation to the skin.

ACUTE

DERMAL LD_{50}: Not Available

INHALATION LC_{50}: Not Available

SENSITIZATION DATA: Not Available

TARGET ORGANS: Eyes
Skin
Gastrointestinal tract
Respiratory system

CARCINOGENICITY:

IARC: Listed by IARC - No

NTP: Listed by NTP - No

OSHA: Listed by OSHA - No

TERATOGENICITY: Not Available

REPRODUCTIVE/TERATOGENIC DATA: Not Available

CARCINOGENIC/MUTAGENIC DATA: Not Available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: May cause adverse environmental impact if material reaches waterways.

ECOTOXICOLOGICAL INFORMATION: Not Available

DISTRIBUTION: Not Available

CHEMICAL FATE INFORMATION: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

FOR LARGE SPILLS: Contain material and call local authorities for emergency assistance. In consultation with the appropriate authorities, determine the disposal method or contact Environmental Alternatives, Inc.

PRODUCT DISPOSAL: Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

EMPTY CONTAINER: Contaminated bags should be cleaned and disposed of in the same manner as the product in accordance with applicable regulations.

Refer to Section 6, Accidental Release Measures for additional information.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not restricted by DOT
DOT/TDG TECHNICAL NAME:
LABEL: Use Product Identifier, "Trade Name", with technical name below.

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Not restricted
LABEL: Use Product Identifier, "Trade Name", with technical name below.
ADR/RID HAZARD CLASSIFICATION: Not Regulated

AIR (ICAO/IATA)
PROPER SHIPPING NAME: Not restricted
LABEL: Use Product Identifier, "Trade Name", with technical name below.

U.S. CUSTOMS HARMONIZATION NUMBER: 3402.19.50.00

15. REGULATORY INFORMATION

Not meant to be all-inclusive---selected regulations represented.

EEC SYMBOL ID: Xi

EEC RISK PHRASE CODE(S): R36

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** NO **CHRONIC:** NO

313 REPORTABLE INGREDIENTS: Not Applicable

TITLE III NOTES: Not Applicable

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All intentional ingredients are listed on the TSCA Inventory.

NATIONAL RESPONSE CENTER: U.S. Coast Guard National Center telephone # 1-800-424-8802

STATE REGULATIONS: Not Available

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This product is WHMIS controlled.

CANADA INGREDIENT DISCLOSURE LIST: This product does not contain any known ingredient(s) on the "Ingredient Disclosure List".

CANADIAN ENVIRONMENTAL PROTECTION ACT: All intentional ingredients are listed on the DSL (Domestic Substance List).

MEXICO

MEXICO: This product is considered to be an irritant according to Mexican Standard, Instruction No. 9, ANNEX 1.

REGULATIONS

INTERNATIONAL REGULATIONS: All intentional ingredients are listed on the European's EINECS Inventory.

LOCAL REGULATIONS: Not Available

16. OTHER INFORMATION

HMIS RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	C

NFPA CODES:

0

MSDS STATUS
Revision No: 0

APPROVAL DATE: April 1, 2011

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Material Safety Data Sheet

U.S. Department of Labor
Occupational Safety and Health Administration
Form Approved OMB No. 1218-0072

IDENTITY *(as Used on Label and List)*
Rad-Release II Step 1 Surface Prep

Section I

Manufacturer's name: Environmental Alternatives, Inc.	Emergency Telephone Number CHEMTREC (800)424-9300
Address: 149 Emerald Street	Telephone Number for Information (603) 352-3888
Suite R	Date Prepared 9/30/2010
Keene, New Hampshire 03431	Signature of Preparer *(optional)*

Section II—Hazardous Ingredients/Identity Information

This product is a chemical mixture. The exact composition is proprietary, trade secret information (29 CFR 1910.120 (i)

Hazardous Components (Specific Chemical Identity, Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Phosphoric Acid	CAS# 7664-38-2	1 mg/m^3	1 mg/m^3		1%
Ammonium Bifluoride	CAS# 1341-49-7	2.5 mg/m^3	2.5 mg/m^3		<1%
Citric Acid	CAS# 77-92-9	5.0 mg/m^3	5.0 mg/m^3		1-3%
Nitric Acid	CAS# 7697-37-2	2.0 ppm	2.0 ppm		1-5%
Surfactants, hydrotroping agents					
Chemical buffering agents and water					

The inorganic acid used in this product is highly buffered in order to reduce its corrosivity. Rad-Release has been determined to be Non-Corrosive, based on DOT corrosion criteria (Protocol S9-D173/3.137)

Section III—Physical/Chemical Characteristics

Boiling Point	Approx. 212 Degrees F.	Specific Gravity (H_20 = 1)	1.0711
Vapor Pressure (mm Hg)	0.8 psia	Melting Point	N/A
Vapor Density (AIR = 1)	Same as water	Evaporation Rate (Butyl Acetate = 1)	Same as water

Solubility in Water

soluble

Appearance and Odor

Nearly clear, slight citrus odor pH=2.5

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	ASTM D-93 PM	Flammable Limits	LEL	UEL
		>210 Degrees F	Unknown	Unknown

Extinguishing Media Water

Special Fire Fighting Procedures Wash spills with water spray. Fire will not occur unless water is evaporated off

Unusual Fire and Explosion Hazards

The material is in a water matrix and has no unusual fire and explosion hazards.

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Heat and poor ventilation

Incompatibility *(Materials to Avoid)* Strong oxidizing agents

Hazardous Decomposition or Byproducts

Incomplete combustion may create carbon monoxide

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Flame and high temperatures

Section VI—Health Hazard Data

Route(s) of Entry Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards *(Acute and Chronic)* Organic vapors may affect those with breathing problems

Skin contact may cause dermatitis

See a physician if ingested

Carcinogenicity NTP? IARC Monographs? OSHA Regulated?

None Known

Signs and Symptoms of Exposure Shortness of breath. Skin irritation

Medical Conditions Generally Aggravated by Exposure Breathing problems

Emergency and First Aid Procedures Wash skin with soap and water for 15 minutes. If ingested, see a physician.

Do not induce vomiting

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Wash down with copious amounts of water. Pond if possible.

Waste Disposal Method

Vacuum up and dispose of in accordance with Local, State and Federal guidelines. Disposal must consider any contaminants that have been extracted.

Precautions to Be Taken in Handling and Storing

Wear Nitrile gloves and safety goggles. Wear respirator in poorly ventilated areas where vapors are involved. Store at temperatures between 40^0 F and 100^0 F. Store in plastic (HDPE) container.

Other Precautions

Have water spray available. Keep away from open flame.

Section VII—Control Measures

Respiratory Protection *(Specify Type)*

None Required – half-face or full-face respirator optional

Ventilation	Local Exhaust Maintain good ventilation	Special N/A
	Mechanical *(General)* N/A	Other N/A

Protective Gloves Nitrile | Eye Protection Goggles or face shield

Other Protective Clothing or Equipment Additional protective clothing may be required depending on contaminants and working conditions. Consult with local safety representatives.

Work/Hygienic Practices Wash hands before eating or smoking

Material Safety Data Sheet

U.S. Department of Labor
Occupational Safety and Health Administration
Form Approved OMB No. 1218-0072

IDENTITY *(as Used on Label and List)*
Rad-Release II, Step 2, Decon Formula

Section I

Manufacturer's name: Environmental Alternatives, Inc.	Emergency Telephone Number CHEMTREC (800)424-9300
Address: 149 Emerald Street	Telephone Number for Information (603) 352-3888
Suite R	Date Prepared 9/30/2010
Keene, New Hampshire 03431	Signature of Preparer *(optional)*

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ethylene glycol monobutyl ether	CAS# 111-76-2	25ppm (skin)	25ppm (skin)		5-15%
Isopropanol	CAS# 67-63-0	400ppm	400 ppm		0-2%
Sodium Hydroxide	CAS# 1310-73-2	2.0 mg/m^3	2.0 mg/m^3		1-5%

Other emulsifiers, surfactants, organic sequestrants, and water

Section III—Physical/Chemical Characteristics

Boiling Point	Approx. 212 Degrees F.	Specific Gravity (H_20 = 1)	1.0366
Vapor Pressure (mm Hg)	0.70 psia	Melting Point	N/A
Vapor Density (AIR = 1)	Same as water	Evaporation Rate (Butyl Acetate = 1)	Same as water

Solubility in Water

Mostly soluble- Form emulsion

Appearance and Odor

Light amber cloudy emulsion, slight ammonia odor pH=12.5

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Method 1010, Closed Cup	>200 Degrees F	Unknown	Unknown

Extinguishing Media Water

Special Fire Fighting Procedures Use Water Spray or Fog

Unusual Fire and Explosion Hazards

Protect from heat and open flame

Section V—Reactivity Data

Stability			Conditions to Avoid
	Unstable		
	Stable	X	Heat and poor ventilation

Incompatibility *(Materials to Avoid)* Strong oxidizers. Will react slowly with aluminum, copper and brass

Hazardous Decomposition or Byproducts

Incomplete combustion may create carbon monoxide

Hazardous Polymerization			Conditions to Avoid
	May Occur		
	Will Not Occur	X	Flame and high temperatures

Section VI—Health Hazard Data

Route(s) of Entry Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards *(Acute and Chronic)*

High pH may cause irritation to skin and respiratory system

Carcinogenicity NTP? IARC Monographs? OSHA Regulated?

None Known

Signs and Symptoms of Exposure Difficulty breathing, redness of skin, nausea

Medical Conditions Generally Aggravated by Exposure Breathing problems

Emergency and First Aid Procedures Wash with soap and water. Remove from exposure area. If ingested, see a physician.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Wash down with copious amounts of water. Pond if possible.

Waste Disposal Method

Vacuum up and dispose of in accordance with Local, State and Federal guidelines. Disposal must consider any contaminants that have been extracted.

Precautions to Be Taken in Handling and Storing

Wear Nitrile gloves and safety goggles. Wear respirator in poorly ventilated areas where vapors are involved. Store at temperatures between 40^0 F and 100^0 F. Store in plastic (HDPE) or steel container.

Other Precautions

Have water spray available. Keep away from open flame.

Section VII—Control Measures

Respiratory Protection *(Specify Type)*

None Required – half-face or full-face respirator optional

Ventilation	Local Exhaust Maintain good ventilation	Special N/A
	Mechanical *(General)* N/A	Other N/A

Protective Gloves Nitrile Eye Protection Goggles or face shield

Other Protective Clothing or Equipment Additional protective clothing may be required depending on contaminants and working conditions. Consult with local safety representatives.

Work/Hygienic Practices Wash hands before eating or smoking

MATERIAL SAFETY DATA SHEET

Rad-Release Rinse Solution

MSDS Ref. No: RR-001
Date Prepared: 09/26/2007
Date Revised: 01/05/2012

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: Rad-Release Rinse Solution (EAI, Co.), AKA-Idaho National Laboratory (INL)
PRODUCT CODE: RE-001
PRODUCT FORMULATION NAME: Rad-Release – Rinse Solution
CHEMICAL FAMILY: inorganic acid
MOLECULAR FORMULA: Not Available
GENERIC NAME: Rad-Release

MANUFACTURER

Environmental Alternatives, Inc.
149 Emerald St. Suite R
Keene, NH 03431,

Emergency Contact: Daniel Crosby
Telephone Number: (603) 352-3888
Emergency Telephone (24 hours): (603) 209-4875
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887
Transportation: (804) 968-6388

COMMENTS: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS#	% BY WEIGHT
Nitric acid	7647-01-0	0-5%

COMMENTS: Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specifications.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS *(See Section 11 for Toxicological Information)*

PRIMARY ROUTE(s) OF EXPOSURE: X Eye __ Skin Contact __ Skin Absorption X Inhalation X Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES: Redness and possible itching and/or tearing of the eyes.

SKIN: Redness and/or itching of the skin

INHALATION: Possible coughing, burning, tightness of chest and/or shortness of breath.

INGESTION: Possible nausea and/or vomiting.

ACUTE EFFECTS: No test data is available for acute dermal toxicity.
Not expected to cause significant adverse effects if ingested. No test data is available for acute inhalation toxicity.

CARCINOGENICITY: Not Available

TERATOGENICITY: Not Available

REPRODUCTIVE TOXICITY: Not Available

MUTAGENICITY: Not Available

MEDICAL CONDITIONS AGGRAVATED: None known

TARGET ORGANS: Contains material which may cause respiratory tract effects based on animal data

SENSITIZATION: Not Available

4. FIRST AID MEASURES

EYES: May cause burns. Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get medical attention.

SKIN: May cause burns. Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. Seek medical attention. Wash contaminated clothing and shoes before reuse.

INHALATION: Remove from further exposure. Keep warm and at rest. If cough or other symptoms develop, seek medical attention.

INGESTION: May cause burns. Wash out mouth with water and keep at rest. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: Not Applicable

FLAMMABLE LIMITS Not Available

AUTOIGNITION TEMPERATURE: Not Applicable

FLAMMABLE CLASS: Nonflammable

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Not Available

GENERAL HAZARD: Evacuate personnel downwind of fire to avoid inhalation of irritating and/or harmful fumes and smoke.

EXTINGUISHING MEDIA: Chemical type foam, CO2 (Carbon Dioxide), Dry Chemical, Water Fog

HAZARDOUS COMBUSTION PRODUCTS: Not Applicable

FIRE FIGHTING INSTRUCTIONS: Explosive in presence of reducing materials, of organic materials, of metals, of alkalis. Flammable in presence of cellulose or other combustible materials. Non-explosive in presence of open flames and sparks, of shocks.

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.

SENSITIVE TO STATIC DISCHARGE: Not Available

SENSITIVITY TO IMPACT: Not Available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of sodium carbonate.

LARGE SPILL: Corrosive liquid. Oxidizing material. Stop leak if without risk. Absorb with DRY earth, sand or other noncombustible material. Do not get water inside container. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Use appropriate containment to avoid runoff or release to sewer or waterways.

LAND SPILL: Use appropriate containment to avoid runoff or release to ground.

Remove containers of strong oxidizers from release area.

RELEASE NOTES: If spill could potentially enter any waterway, including intermittent dry creeks, contact the local authorities. If in the U.S., contact the US COAST GUARD NATIONAL RESPONSE CENTER toll free number 800-424-8802.

In case of accident or road spill notify:

- CHEMTREC in USA at 800-424-9300
- CANUTEC in Canada at 613-996-6666
- CHEMTREC, other countries, at (International code)+1 703 527 3887

COMMENTS: See Section 13 for disposal information and Section 15 for regulatory requirements.
Large and small spills may have a broad definition depending on the user's handling system. Therefore, the spill category must be defined at the point of release by technically qualified personnel.

7. HANDLING AND STORAGE

HANDLING: Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area. Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

STORAGE: Store in unopened containers under cool and dry conditions. Do not store with, or close to oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: If airborne dust is present, use a NIOSH approved particulate respirator.

ENGINEERING CONTROLS: If dust is generated, provide local exhaust ventilation to control airborne levels below the ACGIH TLV-TWA exposure limit for Particulates Not Otherwise Classified of 10 mg/m3 for inhalable particles and 3 mg/m3 for respirable.

WORK HYGIENIC PRACTICES: Facilities storing or using this material should be equipped with an eyewash facility and a safety shower. Good personal hygiene practices should always be followed.

EXPOSURE LIMITS: TWA: 2 STEL: 4 (ppm) from ACGIH (TLV) [United States] TWA: 2 STEL: 4 from OSHA (PEL) [United States] Consult local authorities for acceptable exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Acrid
APPEARANCE: Clear
COLOR: Clear
pH: ~1 at 20 C.
VAPOR PRESSURE: Not Applicable
VAPOR DENSITY: Not Applicable
BOILING POINT: 102 °C
MELTING POINT: -4.2 °C
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY:1.04 g/mL
VISCOSITY: Not Applicable
MOLECULAR WEIGHT: Not Available
OCTANOL/WATER PARTITION COEFFICIENT: Not Available

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

STABILITY (CONDITIONS TO AVOID): The product is stable under normal ambient conditions of temperature and pressure.

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Incompatible materials

HAZARDOUS DECOMPOSITION: None

INCOMPATIBLE MATERIALS: Strong Oxidizers

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material may cause significant irritation to the eyes.

SKIN EFFECTS: This material may cause significant irritation to the skin.

ACUTE

DERMAL LD_{50}: Not Available

INHALATION LC_{50}: Not Available

SENSITIZATION DATA: Not Available

TARGET ORGANS: Eyes, Skin, Gastrointestinal tract, Respiratory system

CARCINOGENICITY:

IARC: Listed by IARC - No

NTP: Listed by NTP - No

OSHA: Listed by OSHA - No

TERATOGENICITY: Not Available

REPRODUCTIVE/TERATOGENIC DATA: Not Available

CARCINOGENIC/MUTAGENIC DATA: Not Available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: May cause adverse environmental impact if material reaches waterways.

ECOTOXICOLOGICAL INFORMATION: Not Available

DISTRIBUTION: Not Available

CHEMICAL FATE INFORMATION: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

PRODUCT DISPOSAL: Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

EMPTY CONTAINER: Contaminated bags should be cleaned and disposed of in the same manner as the product in accordance with applicable regulations.

Refer to Section 6, Accidental Release Measures for additional information.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not restricted by DOT
DOT/TDG TECHNICAL NAME:
LABEL: Use Product Identifier, "Trade Name", with technical name below.

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Not restricted
LABEL: Use Product Identifier, "Trade Name", with technical name below.
ADR/RID HAZARD CLASSIFICATION: Not Regulated

AIR (ICAO/IATA)
PROPER SHIPPING NAME: Not restricted
LABEL: Use Product Identifier, "Trade Name", with technical name below.

U.S. CUSTOMS HARMONIZATION NUMBER: 3402.19.50.00

15. REGULATORY INFORMATION

Not meant to be all-inclusive---selected regulations represented.

EEC SYMBOL ID: Xi

EEC RISK PHRASE CODE(S): R36

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** NO **CHRONIC:** NO

313 REPORTABLE INGREDIENTS: Not Applicable

TITLE III NOTES: Not Applicable

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All intentional ingredients are listed on the TSCA Inventory.

NATIONAL RESPONSE CENTER: U.S. Coast Guard National Center telephone # 1-800-424-8802

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This product is WHMIS controlled.

CANADA INGREDIENT DISCLOSURE LIST: This product does not contain any known ingredient(s) on the "Ingredient Disclosure List".

CANADIAN ENVIRONMENTAL PROTECTION ACT: All intentional ingredients are listed on the DSL (Domestic Substance List).

16. OTHER INFORMATION

HMIS RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	C

NFPA CODES:

0

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

DIVIDER PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001, LA-MIN04-S.001

Site(s): Los Alamos National Laboratory	**Source Document Tracking Number:** P090
Acceptable Knowledge Documentation Type: ✔ TRU Waste Management Program Information ✔ Waste Stream-Specific Information ✔ Supporting Information	**Category:** C - Correspondence D - Documents M - Miscellaneous ✔ P - Procedures DR - Discrepancy Resolution U - Unpublished Documents

Title of Source Document: TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan

Source Document Reference Information (author(s), document and revision number, date, publisher): TRU-MST12-CPA-03, R00, TWCP-701, March, 1987

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR5, WS10	4	Combustible Waste Form - Waste Content Code 004 Combustible solids - paper, rags, plastic, rubber, etc., which may contain some small fraction of noncombustible solids as scrap metals, etc. Combustibles are materials which can be reduced to ash , but which do not require further processing to meet the WIPP WAC. See page 5 for list of plastic base, cellulose base and other combustible waste items.Noncombustible Waste Content Code 005Noncombustible solids - Small tools, cans, small equipment items, broken glass, etc., which may contain some small fraction of combustible solids, and which can be contained in plastics. Noncombustible means those materials that cannot be reduced to ash but do meet the WIPP WAC without further processing. A list of metals and nonmetals is provided on pages 6 and 7.
S16	7, 9, 12, 13	Waste will be packaged in accordance with currently approved SOPs, or documented modifications thereof to comply with the WIPP WAC.Waste from the TA-55 WMR usually is packaged in the 55-gallon DOT 17C steel drums...The packaging includes either two 5-mil plastic bags or one 90-mil rigid polyethtlene liner with lid. All drums are fitted with either vent clips or carbon filters. Waste may also be packaged in vented 30-gallon drums... The 30-gallon drums are not critical to certification because they will be overpacked in 55-gallon DOT 17C drums. Rectangular metal boxes with bolt-on lids and TRUPACT efficient metal boxes with weld-on lids may also be utilized...for objects that are too large for steel drums. All boxes are fitted with carbon filters.P.12 - If corrosive materials are present, they are packaged in a drum with a 90 mil rigid polyethylene liner or returned to the process line for neutralization to prevent corrosion of the waste container.Packaging MethodsIn-line waste drums are 30-gallon drums attached to a glovebox in the WMR by a vinyl bakelite sleeve. Items in these drums can be inspected through the glovebox windows and do not need to be removed from the glovebox system. When completed, the waste drums are bagged off and a lid is attached over the sleeve but not secured with the locking ring. The waste drum is then placed inside a DOT 17-C 55-gallon drum and the void space is filled with either waste or dunnage. The lid and vent clip are installed...Unauthorized contributions are prevented by a lockout on the plant conveyor system.p. 13 - Plastic bag liners in waste filled drums are closed using 2 inch yellow vinyl tape.
PR5, S4	10	At least three data collection forms are generated: the Waste Origination and Disposition Form (WODF), appendix 1 of this document; the Discardable Waste Log Sheet (DWLS), appendix 2; and the Certified Waste Storage Record Form (CWSR) for WIPP containers, appendix 3. The waste package serial number is assigned prior to placement of waste items in the containers by taping a plastic locking identification tag to the container. Each tag is supplied by Group HSE-7 and possesses a unique number combination which becomes the last seven digits of the waste package serial number. That number is recorded on the DWLS.

FINAL

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: P090
AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR4, PR5, PR8	11, 12, 14	The contents of each waste item are visually inspected by certified MST-12 WM personnel for compliance with the WAC and to verify that the item is as stated on the WODF before it is placed in a waste container. Heavy or bulky objects will be either blocked in place or padded to protect the drum. The required inspection information and description data for each item placed in a waste container is entered on the DWLS which is signed by the MST-12 WM person who places the item in the container. The mass of organics and the volume percent of combustibles are estimated and recorded.P. 12 - Spray cans that enter the waste stream are punctured before they leave the process line. MST-12 WM personnel will verify that other pressure vessels are vented by fully opening valves, inserting a wire, closing the valve on the wire and recording that fact in the remarks column on the DWLS.Hazardous materials listed in 40 CFR 261, subparts C,D are documented in the remarks column of the DWLS by MST-12 WM personnel.3.5.3.2 Oversize waste items and items not from a glovebox operation are visually inspected for conformance with the WAC and documented on the DWLS by MST-12 WM personnel before being placed in a drum or metal box.P. 14 - Group HSE-10 measures the radiation dose rate at the surface of the waste drum using an Eberline RO-3C beta-gamma meter and a portable neutron rem meter (Eberline model PNR-4), or equivalent models. Drums are assayed by MST-10 NDA personnel by means of a thermal neutron coincidence counter or a segmented gamma scan system according to procedures TRU-MST10-DP-01, TRU-MST10-DP-03, and TRU-MST10-DP-08, to confirm the waste content against the DWLS.
PR8, S14	15-18	3.8 Compliance with WAC3.8.1 Waste Containers - All combustible and noncombustible TRU wastes handled by MST 12 WM are packaged in DOT 7A packagings listed in the Certification Plan...3.8.5 Free Liquids - There are no free liquids associated with the waste forms in this attachment.3.8.6 Pyrophoric Material - No pyrophoric materials will (be) present as determined by visual inspection of the individual waste items.3.8.7 Explosives and Compressed Gases - No explosives and compressed gases will be present. 3.8.8 Radioactive Mixed Waste - No hazardous materials are normally present except for small quantities that may exist as cocontaminants with the transuranics.3.8.9 Waste Package Weight - Present operating methods limit the weight of DOT 17C drums to a total gross weight of 900 pounds, well below the WIPP limit. 3.8.10 Nuclear Criticality - MST-10 NDA personnel will confirm the total amount of fissile material in each container...3.8.11 Pu-239 Equivalent (PE-Ci) TRU Activity Limits - The plutonium mixes used in this facility are such that the waste cannot exceed the 1000 PE-Ci limit without exceeding the fissile limit. See other criterion re: surface dose rate, surface contamination, thermal power, gas generation, labeling, data package/certification.
WS9	5,11	2.1.3 Miscellaneous- Graphite crucibles- GraphiteItems that do not meet the WAC may be treated by waste management personel or returned to process line personel for additional processing. " When fines are seperated from larger pieces (such as with broken graphite molds) the fines are processed seperately according to attachment 6.25".

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: P090
Source Document Data Limitations (if any): 1. Waste streams not identified	
Acceptable Knowlege Expert: Amy Johns / Amy Johns Date: 1/26/2007 Print /Sign	
[a] Obtain from Acceptable Knowledge Documentation Checklist [b] For microfilm or microfiche, identify box, tape, reel number and location.	

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Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001	
Site(s): Los Alamos National Laboratory	**Source Document Tracking Number:** P090
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Supporting Information	**Category:** ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☑ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title of Source Document: TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan	
Source Document Reference Information (author(s), document and revision number, date, publisher): TRU-MST12-CPA-03, R00, TWCP-701, March, 1987	

AK # [a]	Source Doc. Page # [b]	AK Information Summary
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S16	7, 9, 12, 13	Waste will be packaged in accordance with currently approved SOPs, or documented modifications thereof to comply with the WIPP WAC.Waste from the TA-55 WMR usually is packaged in the 55-gallon DOT 17C steel drums...The packaging includes either two 5-mil plastic bags or one 90-mil rigid polyethtlene liner with lid. All drums are fitted with either vent clips or carbon filters. Waste may also be packaged in vented 30-gallon drums... The 30-gallon drums are not critical to certification because they will be overpacked in 55-gallon DOT 17C drums. Rectangular metal boxes with bolt-on lids and TRUPACT efficient metal boxes with weld-on lids may also be utilized...for objects that are too large for steel drums. All boxes are fitted with carbon filters.P.12 - If corrosive materials are present, they are packaged in a drum with a 90 mil rigid polyethylene liner or returned to the process line for neutralization to prevent corrosion of the waste container.Packaging Methodsin-line waste drums are 30-gallon drums attached to a glovebox in the WMR by a vinyl bakelite sleeve. Items in these drums can be inspected through the glovebox windows and do not need to be removed from the glovebox system. When completed, the waste drums are bagged off and a lid is attached over the sleeve but not secured with the locking ring. The waste drum is then placed inside a DOT 17-C 55-gallon drum and the void space is filled with either waste or dunnage. The lid and vent clip are installed...Unauthorized contributions are prevented by a lockout on the plant conveyor system.p. 13 - Plastic bag liners in waste filled drums are closed using 2 inch yellow vinyl tape.
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ORIGINAL

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: P090
AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR4, PR5, PR8	11, 12, 14	The contents of each waste item are visually inspected by certified MST-12 WM personnel for compliance with the WAC and to verify that the item is as stated on the WODF before it is placed in a waste container. Heavy or bulky objects will be either blocked in place or padded to protect the drum. The required inspection information and description data for each item placed in a waste container is entered on the DWLS which is signed by the MST-12 WM person who places the item in the container. The mass of organics and the volume percent of combustibles are estimated and recorded.P. 12 - Spray cans that enter the waste stream are punctured before they leave the process line. MST-12 WM personnel will verify that other pressure vessels are vented by fully opening valves, inserting a wire, closing the valve on the wire and recording that fact in the remarks column on the DWLS.Hazardous materials listed in 40 CFR 261, subparts C,D are documented in the remarks column of the DWLS by MST-12 WM personnel.3.5.3.2 Oversize waste items and items not from a glovebox operation are visually inspected for conformance with the WAC and documented on the DWLS by MST-12 WM personnel before being placed in a drum or metal box.P. 14 - Group HSE-10 measures the radiation dose rate at the surface of the waste drum using an Eberline RO-3C beta-gamma meter and a portable neutron rem meter (Eberline model PNR-4), or equivalent models. Drums are assayed by MST-10 NDA personnel by means of a thermal neutron coincidence counter or a segmented gamma scan system according to procedures TRU-MST10-DP-01, TRU-MST10-DP-03, and TRU-MST10-DP-08, to confirm the waste content against the DWLS.
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Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: P090
Source Document Data Limitations (if any): 1. Waste streams not identified	
Acceptable Knowlege Expert: Sheri Nance / Sheri Nance Date: 1/18/08 Print /Sign	
[a] Obtain from Acceptable Knowledge Documentation Checklist [b] For microfilm or microfiche, identify box, tape, reel number and location.	

TWCP-QP-1.1-004,R.3
6/16/97

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TWCP-701
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AK-6
~~P004~~

TWCP RECORDS SUBMITTAL

INSTRUCTIONS: This form is prepared by the record source when submitting records or a records package to the RMDC. This form can be used for submitting either individual records or records packages. Indicate the type of record below. For records packages, a table of contents must be submitted. Each record or records package submitted requires a form.
RECORD SOURCE (Submitted By):

Name Pamela Rogers E-mail: pamr@lanl.gov Organization: CST-7

Phone: 7-1765 Mail Stop: J594 Date: 8/6/97

TYPE OF RECORD:

☒ Individual Record
file in "AK Reference Library"

☐ Revision of existing Record
Record ID Number _____

☐ Records Package (including table of contents)

RECORD ID NUMBER, e.g., memo symbol number or procedure number (be sure to include revision if applicable): TRU-MST3-CPA-03, R00

RECORD DATE: March 1987

RECORD TITLE OR SUBJECT:
TA-55 Generator Attachment to Los Alamos Certification Plan

PAGE COUNT: 34 document pages + 2 cover pages + transmittal form = 37

WBS NUMBER: 03.08.02

RETURN THIS FORM TO RMDC, MS E517

RECORD CENTER USE ONLY

☑ ACCEPTED ☐ RETURN

Date Accepted: 8/13/97 Resubmittal Date: _____

☐ Complete

Signature: Michelle Padilla

P090 AK-6

Approvals:

Wayne R. Hansen, HSE-7 Waste Management Acting Group Leader — Date: 3/31/87

Walter J. Wenzel, HSE-10 Chemistry Health Protection Group Leader — Date: 3/23/87

Eugene Wewerka, MST Division Leader — Date: 3/31/87

Peter L. Bussolini, MEE-9 Engineering Design and Quality Assurance Group Leader — Date: 3-24-87

Warren T. Wood, MST-8 TA-55 Facilities Management Group Leader — Date: 3/23/87

Raymond P. Wagner, MST-10 Nuclear Materials Management Group Leader — Date: 3/26/87

Jere L. Green, MST-11 Nuclear Fuels and Isotope Separation Group Leader — Date: 3/30/87

Dana Christensen, MST-13 Plutonium Metal Technology Group Leader — Date: 3/24/87

Larry Austin, MST-12 Nuclear Materials Process Technology Group Leader — Date: 3/27/87

Bill J. McKerley, MST-12 Associate Group Leader for Separations and Waste Management — Date: 3-23-87

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1.0 INTRODUCTION

2.0 WASTE STREAM DESCRIPTION

3.0 WASTE FORM AND PACKAGING CONTROL METHODS

4.0 MST DATA PACKAGE SIGN OFF AND NONCONFORMANCES

Appendix 1 - WASTE ORIGINATION AND DISPOSITION FORM

Appendix 2 - DISCARDABLE WASTE LOG SHEET

Appendix 3 - CERTIFIED WASTE STORAGE RECORD

Appendix 4 - HSE-7 REQUIREMENTS CHECKLIST

Appendix 5 - REJECTED WASTE PACKAGE DISPOSITION FORM

1.0 Introduction

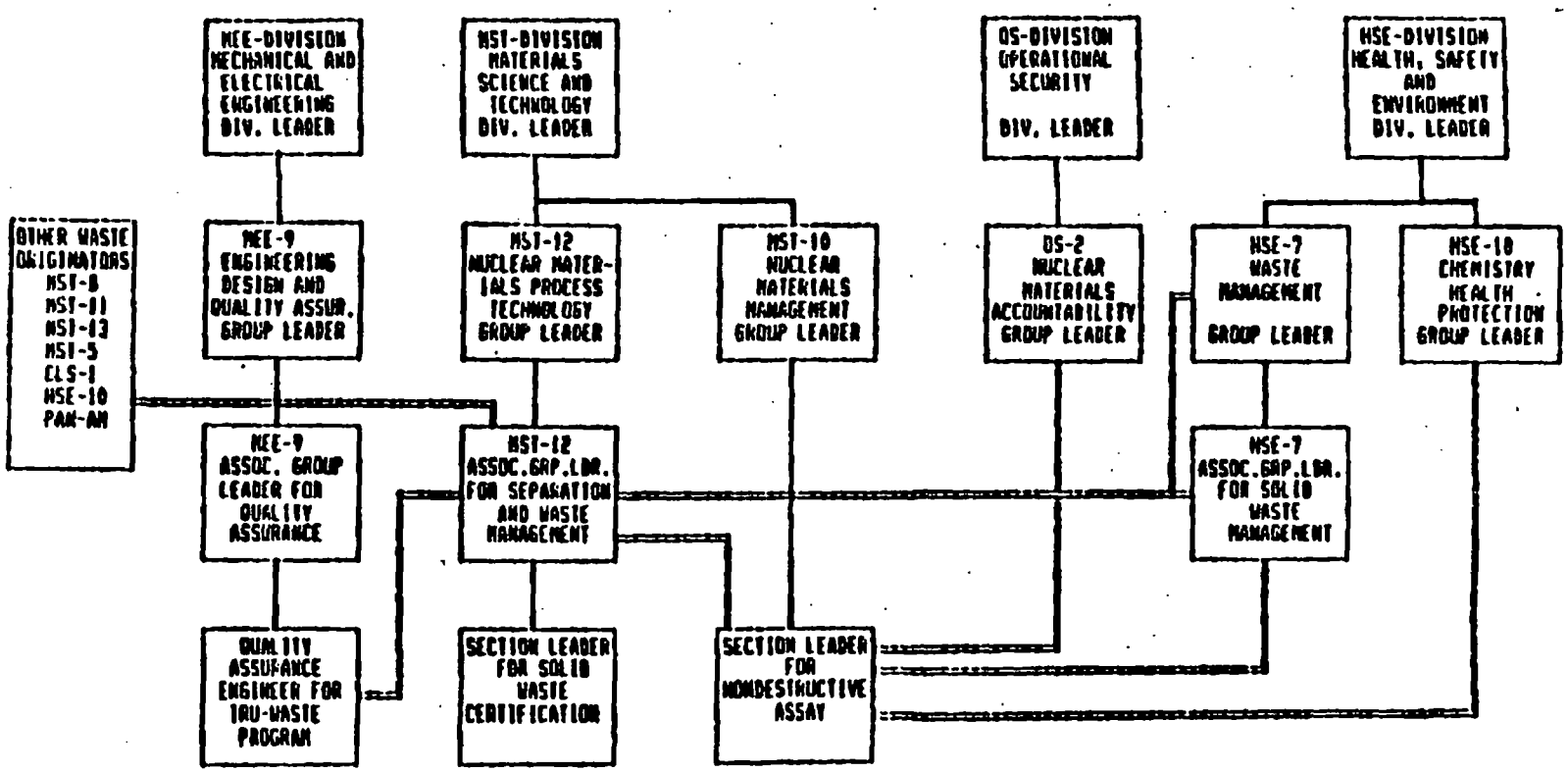
This attachment is a part of the "Los Alamos TRU Waste Certification Plan For Newly Generated TRU Waste," WCP-HSE7-CP-01[1]. Its purpose is to describe the plan by which the waste generators, packagers and verifiers assure HSE-7 (Waste Management Group) that the combustible and noncombustible solid Transuranic (TRU) waste forms arising from the research and production activities at the Los Alamos Plutonium Facility (TA-55) that are destined for emplacement at the Waste Isolation Pilot Plant (WIPP) will meet the Waste Acceptance Criteria (WAC)[2,3].

The operating groups within the Materials Science and Technology (MST) Division at TA-55 are: MST-8 (TA-55 Facilities Management), MST-10 (Nuclear Materials Management), MST-11 (Nuclear Fuels and Isotope Separation), MST-12 (Nuclear Materials Process Technology) and MST-13 (Plutonium Metal Technology). Figure 1 shows the organizational structure for the MST Division TRU waste processing activities and the interfaces with other groups involved. The wastes originate through the activities of these five operating groups and to a lesser extent from supporting organizations including HSE-10 (Chemistry Health Protection) and the Pan American World Services. of these wastes will be handled and packaged together.

In addition, a small amount of waste generated by other groups outside of TA-55 or MST Division may be handled through the TA-55 Waste Management Rooms (WMR). Similarly, waste generated and packaged by other groups outside of TA-55 may be assayed by MST-10, which then becomes responsible for only those certification activities assigned to its operations.

The Waste Management Section of MST-12 (MST-12 WM) sorts, treats and packages the waste forms arising at TA-55. MST-12 WM becomes the waste generator through conducting those operations in the receiving areas. MST-10, through its Nondestructive Assays section (MST-10 NDA), performs all confirmatory assays and labeling on the closed waste packages. Group HSE-10 monitors contamination and radiation levels of the waste packages. The Quality Assurance Section of the Engineering Design and Quality Assurance Group (MEE-9) performs surveillance of the above actions and reviews all documentation. The data and information derived from those efforts and entered into the Waste Generators Data Package are validated by the signature of the Group Leader or his designee for each group contributing to the ce certifiability.

Applicable standard operating procedures (SOP's) and quality assurance procedures that supplment this attachment are maintained by the operating organizations.



Organization Chart for MST Division TRU Waste Program

FIGURE 1

_____ Line Management

▪▪▪▪▪▪▪▪ Coordination/Consultation

December, 1986

1.1 Quality Assurance Program

The Quality Assurance Section of MEE-9 (MEE-9 QA) operates a complete quality assurance program for the MST Division waste generators and for some other waste generators. Conformance with the quality assurance requirements of the Certification Plan[1] is accomplished as defined in this attachment and in SOP's, quality assurance procedures and other documents[4,5] referenced in this attachment.

1.1.1 Design Control

When new equipment or processes are developed for preparation of TRU waste, the using group is responsible for identifying the appropriate codes and standards to be applied.

Knowledgeable individuals or groups not responsible for the design, and Group SE-7 perform design reviews for verification[1]. They indicate initial verification by sign off on a review record. Final design verification is accomplished when HSE-7 confirms the certifiability of the output waste packages under this attachment.

1.1.2 Procurement Control

Materials used for preparation and packaging of TRU waste are normally either commercial products produced according to industry standards which do not require specifications for purchase, or are purchased through other DOE contractors that have already performed the necessary inspections and tests. If other items affecting the certifiability of the waste are purchased, the purchasing group will identify those quality characteristics necessary for procurements in accordance with The Procurement Control Procedure[6] and the Certification Plan[1].

1.1.3 Document Control

Each operating organization maintains its own document control system in accordance with TRU-MSTQA-QP-02 (Document Control Procedure)[7] and TRU-MSTQA-QP-03 (Records Control Procedure)[30].

1.1.4 Audits

MEE-9 QA performs annual audits of the operating organizations to assure compliance with the Certification Plan and this attachment in accordance with Section 18.0 of the Quality Assurance Manual[4]. Audit reports are furnished to the HSE-7 Group Leader.

2.0 Waste Stream Description

Operations in the facility generate numerous TRU and solid waste streams that vary considerably in physical, chemical, and radiological properties. The waste streams are not necessarily characteristic of any one operation and may be common to several operations.

Most solid wastes, no matter what the source, are handled through one of the TA-55 WMR in order to satisfy existing accountability, safeguards, and packaging requirements. Materials are considered waste streams only when they are received in a WMR.

This attachment addresses only two TA-55 newly generated contact-handled (CH) TRU solid waste forms: combustibles and noncombustibles. All combustible and noncombustible waste streams can be handled and packaged in a similar manner regardless of origin. These waste streams may be contaminated with TRU radionuclides other than plutonium. All other waste forms or waste streams are addressed in other attachments.

2.1 Combustible Waste Form - Waste Contenet Code 004

Combustible solids - paper, rags, plastic, rubber, etc., which may contain some small fraction of noncombustible solids as scrap metals, etc. Combustibles are materials which can be reduced to an ash if desired, but which do not require further processing to meet the WIPP WAC. This waste form includes, but may not be limited to:

2.1.1 Plastic Base

- Tape, polyethylene and vinyl
- Gloves
- Plastic vials
- Polystryrene
- Tygon tubing
- Polyvinyl chloride plastic
- Teflon products
- Plexiglass
- Dry box gloves (unleaded neoprene base)
- Miscellaneous

2.1.2 Cellulose Base

- Rags
- Wood
- Paper
- Cardboard
- Laboratory coats and coveralls
- Booties and cotton gloves
- Miscellaneous similar materials

2.1.3 Miscellaneous

- Graphite crucibles
- Graphite

2.2 Noncombustibles Waste Content Code 005

Noncombustible solids - Small tools, cans, small equipment items, broken glass, etc., which may contain some small fraction of combustible solids, and which may be contained in plastics. Noncombustible means those materials that cannot be reduced to ash but do meet the WIPP WAC without further processing.

2.2.1 Metals

Metallic objects include the following waste streams:

- Metal gas cylinders (empty and vented)
- Metal valves
- Pressure vessels (used empty fire extinguishers, pressure cookers, spray cans empty and vented)
- Solution holders
- Filter spacers
- Furnace shells and elements (includes ceramics)
- Furnace tubes
- Tools
- Cans
- Motors
- Pumps
- Filter boats
- Wire/cable
- Metal screens (stainless steel or brass)
- Metal foil
- Miscellaneous similar items

Metallic gas cylinders and pressure vessels will be empty, vented and blocked open with a piece of wire inserted through the valve opening.

2.2.2 Nonmetals

- Glass apparatus
- Heating mantles (fiberglass with some metal content)
- Porcelain crucibles
- Glass windows (safety or leaded types)
- Furnace tube inserts (ceramics)
- Glovebox gloves (leaded, neoprene-base)
- Miscellaneous similar items

For WIPP purposes, any waste forms which are chemically compatible, and which meet the WAC, can be combined.

2.3 Unspecified Waste Streams

Each major waste form includes provisions for small quantities of unspecified waste with similar properties. Those waste items will not require additional processing to meet the WIPP-WAC as determined by MST-12 WM personnel. This provision is necessary because of the difficulty involved with listing a large number of infrequently encountered waste items which may be generated in the future.

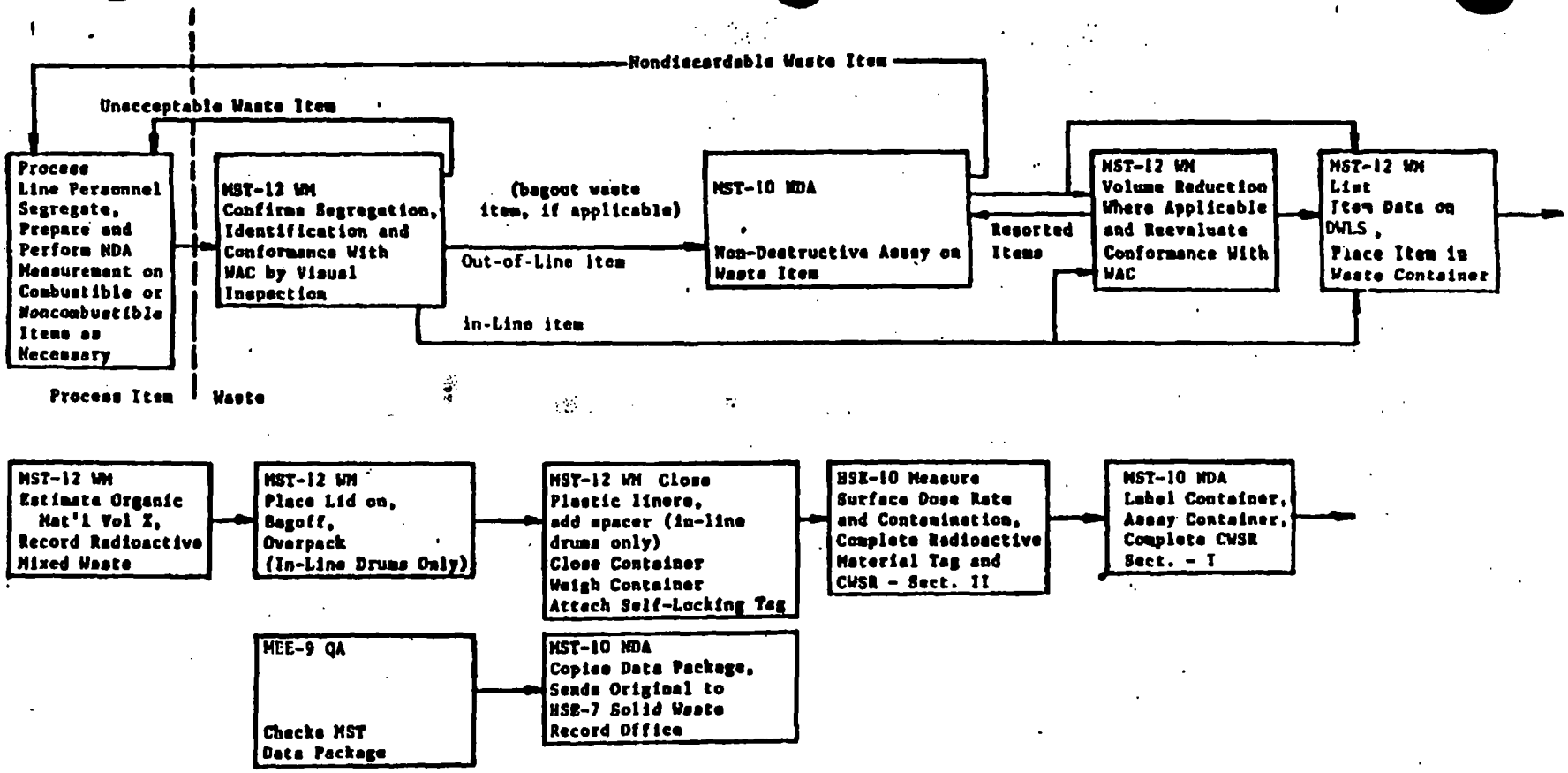
3.0 Waste Form and Packaging Control Methods

Waste will be packaged in accordance with currently approved SOP's, or documented modifications thereof to comply with the WIPP WAC.

3.1 Flow Chart and Personnel Training

The flow chart for the combustible and the noncombustible waste forms is shown in Figure 2. The outlined waste handling steps are performed by certified personnel only. Those persons are trained and certified on the pertinent procedures in accordance with the Personnel Certification Control Procedure[8] by the responsible groups performing the activities affecting certification of these waste forms (MEE-9, MST-10, and MST-12).

Figure [redacted]eps in Preparing Certifiable Combustible and Noncombustible [redacted]te for Retrievable Storage



3.2 Containers

3.2.1

Waste from the TA-55 WMR usually is packaged in the 55-gallon (210ℓ) DOT 17C steel drums drawn from Los Alamos stock. The packaging includes either two 5-mil plastic bags or one 90-mil rigid polyethylene liner with lid, also drawn from Los Alamos stock. Other liner materials require approval by HSE-7. All drums are fitted with either vent clips or carbon filters.

Waste may also be packaged in vented 30-gallon drums when the existing facilities are unsuitable for use with 55-gallon drums. The 30-gallon drums are not critical to certification because they will be overpacked in 55-gallon DOT 17C drums.

DOT 17C steel drums with either vent clips or carbon filters have been shown to meet the requirements of the DOT 7A specification for weights up to 900 lbs., even with contents that include small particulates[9]. The waste defined in this attachment has been evaluated with respect to sections 4.3.3 and 4.4 of the Certification Plan[1] and has been judged to be compatible with the DOT 17C steel drum[10].

3.2.2

Rectangular metal boxes with bolt-on lids and TRUPACT efficient metal boxes with weld-on lids may also be utilized, with HSE-7 approval, for objects that are too large for steel drums. All boxes are fitted with carbon filters. Boxes are either obtained from other DOE facilities, as the drums are, or procured in accordance with the Procurement Control Procedure[6] from vendors who can certify their packaging as meeting the DOT 7A requirements. MST-12 WM will also verify that procured items conform to the purchase request specifications as required in the Receiving Inspection Control Procedure[31].

A variety of metal boxes have been tested successfully with weights sufficiently large for this application, with materials that are comparable to the waste for which boxes are used.

3.2.3

In the event that containers not covered in this section are necessary for proper packaging of the waste, the design and use of the container requires the

approval of the WIPP Project Office, as defined in section 4.6 of the certification plan[1].

Prior to use, all containers are visually inspected for shipping or handling damage, by MST-12 WM personnel, as required in Section 4.3.2 of the TRU Waste Certification Plan.[1]

3.3 Data Collection Forms

At least three data collection forms are generated. These are: the Waste Origination and Disposition Form (WODF), appendix 1 to this document; the Discardable Waste Log Sheet (DWLS), appendix 2; and the Certified Waste Storage Record Form (CWSR) for WIPP containers, appendix 3. The DWLS is used for accountability and safeguarding purposes. These forms become part of the Waste Generators' Data Package and contain most of the information pertinent to compliance with the WIPP WAC. Copies of the Waste Generators Data Package are retained as described in paragraph .

3.4 Waste Package Serial Number

The waste package serial number is assigned prior to placement of waste items in the containers by taping a plastic locking identification tag to the container. Each tag is supplied by group HSE-7 and possesses a unique number combination which becomes the last seven digits of the waste package serial number. That number combination is recorded on the DWLS.

3.5 Waste Processing

3.5.1 Receiving

Newly generated solid TRU wastes at TA-55 are sorted, handled, and packaged in a WMR by MST-12 WM personnel as described in TRU-MST12-DP-01[11] and TRU-MST12-DP-02[12]. An enclosed conveyor line brings waste to the WMR from the processing glovebox line.

The waste is accompanied by a WODF which includes the following information supplied by process line personnel.

1. Amount of TRU (if measured by process personnel)
2. Matrix type
3. Weight
4. Room number
5. Process line person responsible for the material (printed name and signature)
6. Supervisor of process line person (printed name)

Waste originating out-of-line is accompanied by an HSE-10 monitor tag and assay data from MST-10[24]. Out-of-line waste that was removed from the line is also accompanied by a WODF. Waste originating outside the glovebox line, and waste moved from the glovebox line at other points, is brought to the WMR in temporary packaging.

3.5.2 Waste Item Inspection

The contents of each waste item are visually inspected by certified MST-12 WM personnel for compliance with the WAC and to verify that the item is as stated on the WODF before it is placed in a waste container[11,12]. Heavy or bulky objects will be either blocked in place or padded to protect the drum. The required inspection information and descriptive data for each item placed in a waste container is entered on the DWLS which is signed by the MST-12 WM person who places the item in the container. The mass of organics and the volume percent of combustibles are estimated and recorded. Those items that do not meet the WAC may be treated by waste management personnel or returned to process line personnel for additional processing[11,12]. When fines are separated from larger pieces (such as with broken graphite molds) the fines are processed separately according to Attachment 6[25]. Crushed HEPA filters are also processed separately according to Attachment 6. If sizing of a waste item is necessary (because some part is not acceptable), each part will be re-assayed by MST-10 NDA personnel[24] before any part is placed in a waste container.

Spray cans that enter the waste stream are punctured before they leave the process line. MST-12 WM personnel will verify that other pressure vessels are vented by fully opening valves, inserting a wire, closing the valve on the wire and recording that fact in the remarks column on the DWLS.

If corrosive materials are present, they are packaged in a drum with a 90 mil rigid polyethylene liner or returned to the process line for neutralization to prevent corrosion of the waste container. Hazardous materials listed in 40 CFR 261, subparts C,D are documented in the remarks column of the DWLS by MST-12 WM personnel.

3.5.3 Packaging Methods

3.5.3.1

In-line waste drums are 30-gallon drums attached to a glovebox in the WMR by a vinyl bakelite sleeve. Items placed in these drums can be inspected through the glovebox windows and do not need to be removed from the glovebox system. When completed, the waste drums are bagged off and a lid is attached over the sleeve but not secured with the locking ring. The waste drum is then placed inside a DOT 17-C 55-gallon drum and the void space is filled with either waste or dunnage. The lid and vent clip are installed as in 3.5.3.2 below.

Unauthorized contributions are prevented by a lockout on the plant conveyor system. The keys are available only to MST-12 WM personnel. Tamper indicating seals are added to the drums after closure.

When planned modifications to the WMR are completed, 55-gallon drums will be used for in-line drums, thereby eliminating the need for overpacking.

3.5.3.2

DOT 17C 55-gallon steel drums with appropriate plastic liner(s) (see Section 3.2.1) will be placed unsealed in the WMR for items removed from the glovebox system. Oversize waste items and items not from a glovebox operation are visually inspected for conformance with the WAC (see section 3.5.2) and documented on the DWLS by MST-12 WM personnel before being placed in a drum or metal box. Partially filled containers are secured when unattended to prevent unauthorized contributions.

Plastic bag liners in waste filled drums are closed using 2 inch yellow vinyl tape. The filter or vent clip is installed and the 55-gallon drum lid is put in place and secured by the locking ring and bolt. A tamper indicating seal is then applied and the serial number tag attached to the closure bolt.

The metal box waste containers are closed by bolting or welding the lid in place as appropriate. Welded boxes are leak tested as described in AR10-2 of the Health and Safety chapter of the Laboratory Manual[13]. Tamper indicating seals are not used on welded boxes.

3.5.4 Handling of Closed Containers

When the drum is filled and sealed, the weight of Special Nuclear Material (SNM) of the items listed on the DWLS is totaled by material type and entered at the bottom of the log sheet by a certified waste generator. This total is compared with accountability records to assure that all necessary accountability transactions have been completed. The drum may not contain more than 200 grams fissile equivalent and the metal box waste containers will have no more than 350 grams fissile equivalent.

The CWSR is initiated and the waste package serial number is placed on the form. The drum is weighed and this gross weight entered on the DWLS and the CWSR. The gross weight of the drum may not exceed 900 lb as measured on a calibrated scale[26]. The MST-12 portion of the CWSR is completed and the DWLS is signed by the Group Leader or his designee.

Group HSE-10 determines the level of removable contamination on the surface of each closed container by standard swiping[14] and counting techniques[27]. The contamination will always be as low as reasonably achievable but in no case will the alpha activity on the wiping material exceed 110 dpm after 100 sq. cm of the surface has been wiped; beta-gamma activity on that swipe will not exceed 990 dpm . Drums having excessive surface contamination are decontaminated by conventional procedures by the waste generator, or repackaged, then resurveyed. No nonconformance report (NCR) is issued in this case unless the container leaves the area with excessive contamination. Instead the contamination problem is noted on a Rejected Waste Disposition Form (RWPDF), Appendix 5. The final measured value is recorded on the CWSR.

Group HSE-10 measures the radiation dose rate at the surface of the waste drum using an Eberline RO-3C beta-gamma meter and a portable neutron rem meter (Eberline, model PNR-4), or equivalent models[14]. The total dose rate may not exceed 200 mRem/hr. This information will be entered on the Radioactive Material Tag and in Section II of the CWSR. Section II is also signed. The drum with the MST-12 data package and HSE-10 Radioactive Material Tag is delivered to MST-10.

3.6 MST-10 Operations

Drums are assayed by MST-10 NDA personnel[28] by means of a thermal neutron coincidence counter or a segmented gamma scan system according to procedures TRU-MST10-DP-01[15], TRU-MST10-DP-03[16] and TRU-MST10-DP-08[29] to confirm the waste content against the DWLS. Which instrument is used depends on the matrix and nuclide content. MST-10 NDA personnel assay metal boxes with gamma based hold-up measurement equipment consisting of a sodium iodide detector and a portable multichannel analyzer, according to TRU-MST10-DP-10[17]. This information is entered into the DWLS for comparison with the sum of the assays of the individual waste items. The total assay of each waste container must agree with the sum of the individual NDA results from the DWLS within limits determined by the Statistics Group (S-1) and referenced in the counting procedures[15,16,29]. Any discrepancy exceeding the limits requires supervisory action such as verification of the sum of the individual waste items, remeasuring the nuclear material content of the completed drum or opening and examining the contents of the drum to resolve the problem[32]. No nonconformance report is issued unless the contents are different from that described on the DWLS, but an RWPDF is completed.

The MST-10 NDA section stencils the waste package serial number assigned by the MST-12 WM section and gross weight in pounds on the waste container in characters at least 1" high. The container is stored at TA-55 until permission is received to send it to HSE-7.

MEE-9 QA checks the data package which then is copied. The copy is stored by MST-10 NDA and the original data package sent to HSE-7 for approval. HSE-7 completes Section III of the CWSR and returns it to MST-10 NDA. The drum with the CWSR is then shipped to HSE-7 at TA-54.

3.7 Instrument Calibration

The thermal neutron counters and the gamma counters used by MST-10 NDA to assay waste are calibrated routinely by the MST-10 instrumentation subsection. Precision measurements are made once a week and accuracy measurements at least once a day. A standard is used to make the calibrations. Calibration and maintenance procedures can be found in TRU-MST10-DP-02[18], TRU-MST10-DP-04[19] and TRU-MST10-DP-11[33]..

Any balances and scales that affect the certifiability of the waste are calibrated according to TRU-MST10-DP-05[20] and TRU-MST10-DP-06[26]. They are maintained by MST-10 NDA and Group E-1 (Electronic Maintenance). The maintenance of calibration records and stickers is in accordance with the Measurement Control Procedure[21].

Instruments used by HSE-10 to measure external radiation levels and by HSE-1 to count contamination swipes are maintained and calibrated by HSE-1[22,34].

3.8 Compliance With WAC

Each criterion is listed below and addressed as it pertains to TA-55's combustible and noncombustible waste forms.

3.8.1 Criterion: Waste Containers

All combustible and noncombustible TRU wastes handled by MST-12 WM are packaged in DOT 7A packagings listed in the Certification Plan or approved for use at Los Alamos by HSE-7. Waste drums stored at Los Alamos[23] for about ten years show little damage to either paint or metal indicating that the drums will be intact after another ten years. Metal boxes have a similar finish and even thicker metal so they should outlast the drums.

3.8.2 Criterion: Waste Package Size

Each of the waste containers (see Section 3.2) fit within the dimensional limitations existing at WIPP[3].

3.8.3 Criterion: Waste Package Handling

Each of the above waste containers possesses a configuration or design features to permit the use of standard package handling devices.

3.8.4 Criterion: Immobilization

MST-12 WM personnel verify compliance with this criterion by visual inspections of the individual waste items (see Section 3.5.2). Of the waste streams listed in sections 2.1 and 2.2, only graphite and solution filter media tend inherently toward a particulate nature and require close scrutiny. Broken glass and ceramic items are subject to the same scrutiny.

3.8.5 Criterion: Free Liquids

There are no free liquids associated with the waste forms in this attachment. Visual inspections of individual items are performed for verification by MST-12 WM personnel (see Section 3.5.2) with emphasis on containers such as bottles and cans.

3.8.6 Criterion: Pyrophoric Material

No pyrophoric materials will present as determined by visual inspection of the individual waste items (see Section 3.5.2).

3.8.7 Criterion: Explosives and Compressed Gases

No explosives or compressed gases will be present. Explosives are neither used nor permitted within TA-55. All materials entering TA-55 are inspected by Protective Force personnel at the front gate. Only used pressure vessels or spray cans could potentially contain gases under pressure and they are blocked open by MST-12 WM personnel (see Section 3.5.2). Pressure vessels are normally decontaminated for reuse. All waste packages are vented (see Section 3.5.3.2).

3.8.8 Criterion: Radioactive Mixed Waste

No hazardous materials are normally present except for small quantities that may exist as cocontaminants with the transuranics. Major hazardous materials in a waste package are entered in the remarks column of the DWLS and transferred to the CWSR. (see Sections 3.5.2 and 3.5.4).

3.8.9 Criterion: Waste Package Weight

Present operating methods limit the weight of DOT 17C drums to a total gross weight of 900 pounds, well below the WIPP limit. The drum weight is measured by MST-12 WM personnel (see Section 3.5.4).

3.8.10 Criterion: Nuclear Criticality

MST-10 NDA personnel will confirm the total amount of fissile material in each container using NDA techniques. Individual in-line items are assayed in the process line before delivery to the waste management rooms (see Sections 3.5.1, 3.5.4 and 3.6).

3.8.11 Criterion: Pu-239 Equivalent (PE-Ci) TRU Activity Limits

The plutonium mixes used in this facility are such that the waste cannot exceed the 1000 PE-Ci limit without exceeding the fissile limit.

The most common non-plutonium isotopes within TA-55 are Am-241 and U-233. The Pu-239 equivalent TRU activity for U-233 cannot exceed the 1000 PE-Ci limit without exceeding the fissile limit. The radiation exposure hazards of handling Am-241 prevent the accumulation of quantities approaching this limit. HSE-7 will calculate the PE-Ci activity for the WIPP data package.

3.8.12 Criterion: Surface Dose Rate

The surface dose rate of each closed drum or box is determined and recorded by the HSE-10 Health Protection Technician (HPT) (see Section 3.5.4).

3.8.13 Criterion: Surface Contamination

The level of removable contamination on the external surface of each closed drum is determined and recorded by HSE-10 personnel by standard swiping and counting techniques[14],[27] (see Section 3.5.4).

3.8.14 Criterion: Thermal Power

The CWSR contains the best available isotopic information from the NDA measurements for HSE-7 to compute the thermal power.

3.8.15 Criterion: Gas Generation

All drums are fitted with a vent clip or carbon filter and boxes are fitted with carbon filters so flammable gases will not accumulate in the waste packages (see sections 3.2.2, 3.5.3.1 and 3.5.3.2).

Mass of organics is estimated by MST-12 WM personnel (see Section 3.5.2). The waste form description is in sections 2.1 and 2.2. HSE-7 calculates the total alpha curie content before shipment to the WIPP.

3.8.16 Criterion: Labeling

MST-10 stencils the container identification number and the gross weight in pounds, in figures at least 1" high, on the lid of each drum and on the top and four sides of each metal box according to the Los Alamos TRU Waste Certification Plan.[1] (see Section 3.6).

MST-12 WM Personnel also attach a plastic self locking tag with the final seven digits of the container identification number to each container (see Section 3.5.3.2).

3.8.17 Criterion: Data Package/Certification

Data Package/Certification is supplied to the WIPP operator by HSE-7.

4.0 MST Data Package Sign Off and Nonconformances Requirements

4.1 Waste Generator's Data

It is the responsibility of a certified MST-12 waste generator to verify that the waste form is as stated on the WODF, that current approved SOP's were followed, and that each waste item meets current WIPP WAC by signing the DWLS for that item. When the drum is completed and sealed, a certified waste generator will perform the accountability and weight checks and confirm that there are no discrepancies by signing the DWLS. MST-12 WM personnel will transfer MST-12 data to Section 1 of the CWSR from data sheets and the DWLS. The MST-12 Group Leader or his designee, by signing the DWLS, confirms that the waste was packaged and the data on the DWLS and MST12's portion of the CWSR were collected according to the procedures defined in the Los Alamos Waste Certification Plan[1] and this attachment.

MST-10's Data

The individual receiving the waste container in MST-10 NDA visually inspects the exterior of the waste package to verify that it appears to be as stated by the waste generator and that the documentation is adequate and complete. It is required that the signature of the MST-10 NDA individual assaying the completed container appear on the DWLS. MST-10 NDA personnel also record any information necessary to complete Section 1 of the CWSR and the Group Leader or his designee signs off on Section 1.

4.3 Method for Handling Non-Conforming Containers

Any drum rejected by MST-10 NDA personnel is marked with a hold tag[4] until it can be opened and/or examined by MST-12 WM personnel[32]. The suspected problem must be investigated and/or corrected before the drum is returned to MST-10 NDA. Normally a RWPDF will be prepared for a single drum, provided the problem is corrected prior to shipment from TA-55. An NCR will be prepared if: (1) a pattern of nonconformance appears with several containers having the same problem or coming from the same source, (2) the contents are not as stated or (3) a waste container sent to retrievable storage (TA-54) as certifiable is later determined to be in noncompliance with any applicable requirement.

4.4 MST-10 Data Package Requirements

The data package generated by MST-10 NDA will contain at least the following forms:

1. Waste Origination and Disposition Forms (WODF). There is usually more than one form per container.

2. Discardable Waste Log Sheet (DWLS). There may be more than one form per container.

3. Certified Waste Storage Record Form (CWSR).

4. NCR and/or corrective action reports as necessary.

SOP's, calibration records, training records and supporting data sheets are not included but are stored by the generating groups and made available for audits.

The CWSR form must have the appropriate parts of the Generator's Information section completed and the Generator Site Health Physics Information section properly completed and signed when MST-10 NDA receives the drum. MEE-9 QA personnel review all TA-55 paperwork prior to transfer to HSE-7; the MEE-9 QA signoff is at the bottom of the DWLS.

The waste generator's data package is sent to HSE-7's WIPP Interface Section Office where it must be reviewed and approved before the drum can be shipped. If HSE-7 finds a defect in the data package, they will handle it as required by HSE-7 procedures. If the data package is returned for correction, an NCR explaining the reason for the nonconformance will be prepared. MST-10 NDA and/or MST-12 WM will correct the data package nonconformance and document the change which then becomes part of the data package.

Two copies of the waste generator data package are stored as hard copy or as microfiche for 25 years, (one by MST-10 and one by HSE-7).

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8. "Training and Personnel Certification Control Procedure," Los Alamos National Laboratory, TRU-MSTQA-QP-04,R0 (March 1986).
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13. "Health and Safety", The Laboratory Manual, Los Alamos National Laboratory, Chapter 1 (March 1984).
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15. "Thermal Neutron Coincidence Counting System Operation Procedure for N01, N02, N03," Los Alamos National Laboratory, TRU-MST10-DP-01,R0 (1987).

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16. "Operating Procedure for Segmented Gamma Scanner G02," Los Alamos National Laboratory, TRU-MST10-DP-03,R0 (1987).
17. "Holdup Calibration and Operating Procedure for Measuring Waste Crates," Los Alamos National Laboratory, TRU-MST10-DP-10,R0.
18. "Thermal Neutron Coincidence Counting Systems Calibration Procedure," Los Alamos National Laboratory, TRU-MST10-DP-02,R0 (1987).
19. "Calibration Procedure for Segmented Gamma Scanner (G02)," Los Alamos National Laboratory, TRU-MST10-DP-04,R0 (1987).
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21. "Measurement Control Procedure," Los Alamos National Laboratory, TRU-MSTQA-QP-06,R0 (1986).
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23. "TRU Waste Sampling Program," Warren, J. L. and Zerwekh, A., Los Alamos National Laboratory, LA-10479-MS (August 1985).
24. "Procedure for Handling Items for Nondestructive Assay," Los Alamos National Laboratory, TRU-MST10-DP-09,R0 (1987).
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26. "Calibration and Measurement Control of Platform Scales," Los Alamos National Laboratory, TRU-MST10-DP-06,R0 (1987).
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32. "Inspection of Rejected Waste Packages," Los Alamos National Laboratory, TRU-MST12-DP-05,R0 (1987).
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Effective Date: 07/06/87

WASTE ORIGINATION AND DISPOSITION FORM

SECTION I To be completed by waste generator operator

DATE_____

ITEM ID_____ MATRIX_____

MT OR % Pu240_____ GLOVEBOX # _____

AMOUNT OF WASTE (Kg) or (liters)		
gross	tare	net

ROOM NUMBER/PHONE _____/_____

EXTRA BAG STUBS # _____

HAZARDOUS/PROHIBITED MATERIALS (LIST)_____

LEAD SHIELDING (DESCRIBE,Kg)_____

CAN OUTER CONTAINER BE OPENED SAFELY YES ☐ NO ☐

I certify that this item contains no free liquids, pyrophorics, explosives, compressed gases, powders or materials other than the listed matrix, except as listed above. Current SOPs were followed in the origination of this item and I believe it will meet current approved discard limits.

Operator's name printed and signature _____ Supervisor's name(printed) _____

SECTION II To be completed by MST12 Waste Management Inspector(s)

Certifiable ☐ Certifiable for cementation ☐ NOT Certifiable ☐

WM Observations_____

MST12 WM Inspector's signature _____ Date _____

MEETS DISCARD LIMIT: YES ☐ NO ☐ Inspector's initials_____

NEW ID	Pu(g)	___(g)	PKG SERIAL #	NEW ID	Pu(g)	___(g)	PKG SERIAL #
				C			
A				D			
B				E			

SECTION III To be completed by MST10 Count Room ☐ or MST12 WM ☐ Personnel.

MEASUREMENT CODE: _____

MASS_____+/- _____

Pu(g)_____+/- _____

NAME (printed) _____

SIGNATURE _____ DATE _____

WT. OTHER TRANSURANIC RADIONUCLIDES (specify) (g)_____

WODF INSTRUCTIONS

SECTION I

ITEM ID- Use the item id exactly as it appears on mass.

MATRIX- Enter the primary materials that correspond to the discard catagory. For process residues include process: Salt Stripping, DCR, etc. For leaded gloves include the number of gloves.

AMOUNT OF WASTE:

GROSS- The weight of the item together with the packaging (not including the bag-out bag or shielding).

TARE- The weight of the packaging as above.

NET- The weight (volume) of the item without packaging or shielding.

EXTRA BAG STUBS- Include the number of CUT bag stubs that are added to the bag-out bag.

HAZARDOUS/PROHIBITED MATERIALS- Hazardous materials are those materials listed in 40CFR261, subparts C & D. They include poisons like lead, cadmium and arsenic. Prohibited materials are those listed in the WODF certification paragraph, which must be treated to meet the WIPP requirements. For salt stripping salts, a statement must be made on this line, that the salts have been air sparged to oxidize the pyrophorics (sodium metal).

LEAD SHIELDING- Describe whether an additional can was used, the weight of the lead, and the weight of the can.

CAN OUTER CONTAINER BE OPENED SAFELY- Check no if opening outer container will expose contamination, yes if it will not.

SECTION II

TABLE - Fill in the PKG SERIAL # in the first line if the item is not going to be split.
If the item is to be split leave the first Serial # blank and fill in one section for each split. Fill in the the total g Pu for each NEW ID. If needed, fill in the adjacent column with the total grams of a second TRU radionuclide for each NEW ID. If more space is needed for other radionuclides use the bottom of SECTION III.

SECTION III

For items that CLS-1 analyzes, MST-12 waste management personnel will copy the CLS-1 analysis onto section III and complete the remainder of the section. MST-10 count room personnel will complete section III if they do the analysis.

Effective Date 05/08/87

DISCARDABLE WASTE LOG SHEET

WASTE PACKAGE SERIAL NUMBER _____

Proc. ☐ N-Comb ☐ Comb ☐ Pu-238 ☐

Lead Lined ☐

90 Mil Drum Liner ☐

1/8 Inch Drum Liner ☐

CONTAINER: open ☐ In-Line ☐

Waste Code: _____

Tamper Indicating Seal # _____

Date Sealed _____

ITM NO	ITEM ID	FROM RM or BOX	PKG WT Kg	MATRIX (MATERIAL)	MEAS. CODE	SNM GRAMS	MT	%	CERTIFIED PERSONNEL SIGNATURE	REMARKS (Wt. in Kg.) ORGANICS V%	ORGANICS WT.	HAZARDOUS OTHER MATERIALS	AUTH. PG/LN	DATE mm/dd/yy
0			.			.							/	/ /
1			.			.							/	/ /
2			.			.							/	/ /
3			.			.							/	/ /
4			.			.							/	/ /
5			.			.							/	/ /
6			.			.							/	/ /
7			.			.							/	/ /
8			.			.							/	/ /
9			.			.							/	/ /
TOTALS		Kg	.			.			TOTALS					

Pounds .

GROSS WT, Pounds .

MST-12 Signature for Gross Weight _____

Mst-12 Signature for Accountability check _____

MST-10 Assay Value _____

Instrument ID. _____

MST-10 Signature _____

QA Data Pkg Approval _____

The waste in this container was packaged and the MST-12 data on the DWLS and the CWSR were collected according to the procedures defined in the Los Alamos Certification Plan and the appropriate attachment(s).

MST-12 Signature _____

DWLS PROCEDURES AND INSTRUCTIONS

This form must be used by MST-12 Waste Certification personnel to document individual waste items that have been generated according to attachments 3, 6 or 9 of the Los Alamos TRU Waste Certification Plan. Complete the information thoroughly for each waste item when it is placed in a waste container. Complete the waste container information as it becomes available.

WASTE ITEM INFORMATION

ITEM ID. Use the item ID exactly as it exists on MASS.
FROM ROOM/BOX. Provide the room number in PF-4 or the MASS glovebox number, if applicable, where the waste originated.
PKG WT. Enter the weight of the item in kg in the condition the item will be placed in the drum.
MATRIX. Enter the primary material composing the item.
MEAS. Code. Use the measurement code shown on MASS for that item.
SNM. Enter weight of special nuclear material in g(kg for depleted or natural U).
%. Enter % Pu-240 for Pu and enrichment for other SNM materials.
MT. List each material type associated with a waste item on a separate line. The Item ID and other information will have to be repeated for each line except net wt which should appear only once.
CERTIFIFIED WASTE GEN PERSONNEL. The certified MST-12 Waste Management person who inspects the waste item for certifiability and places it in the container shall sign his first initial and last name. That action documents that the inspector has verified that the waste item meets the WIPP-WAC and was placed in this waste container.
REMARKS. Enter the volume percent of combustibles as a % of entire waste container, and venting of a pressure vessel. List any corrosive or hazardous materials and other information bearing on the certifiability of the waste item.
AUTH. Enter the page and line of the Economic Discard Limits, EDL, under which the waste item discard is authorized.
DATE. Show the date the item is placed in the waste container, in a MM-DD-YY format.
PAGE. Indicate the sheet number and the total number of DWLS sheets that go with this container.

WASTE CONTAINER INFORMATION

WASTE PACKAGE SERIAL NUMBER. Enter the full 13-character number beginning with the 4 characters from the CWSR, then the two digit container code and finally the seven digits from the plastic identification tag. Enter this number on all sheets that go with this container.
LEAD LINED, 90 MIL OR 1/8 INCH DRUM LINER. Indicate the presence or absence of a lead lining, a 1/8 inch, or a 90 mil drum liner with a y or n in each box.
WASTE FORM. Check the appropriate box for the waste form placed in this container.
CONTAINER. Check in-line if container is attached to a glovebox. Otherwise, check open.
WASTE CODE. Enter the waste "A" code.

ENTER THE ITEMS BELOW ONLY ON THE LAST SHEET

DATE SEALED. Show the date the drum is sealed in a MM-DD-YY format.
TAMPER INDICATING SEAL NUMBER. Enter the complete seal number.
TOTALS. Total the weight of SNM for each material type in the container.
TOTALS. Total the net weights for all the waste items.
ACCOUNTABILITY CHECK. Ensure that the SNM totals from this sheet agree with MASS.
GROSS WEIGHT. Record the weight of the completed waste package from the platform scale. The MST-12 operator performing the weighing, signs. When the MST-12 portion of the data package is complete, the MST-12 Group Leader or his designee signs indicating adherence to pertinent procedures and documents.

OTHER SIGNATURES

ASSAY VALUE. The MST-10 operator recording the assay value for the container and the identification of the instrument used in the assay signs this section.
Finally an MEE-9 representative signs for quality assurance approval of the data package.

APPENDIX 3

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

CERTIFIED WASTE STORAGE RECORD

WASTE PACKAGE SERIAL NUMBER: LA 87 _____

I. GENERATOR'S PACKAGE INFORMATION

ORIGIN OF WASTE	ADDITIONAL INFORMATION
Group	
TA	
Building	
Room	

CODE	CONTAINER
01	☐ Steel Drum (55 gal.)
02	☐ Steel Overpack (Drums)
03	☐ Steel Box (68 in. X 54 in. X 38.5 in.)
04	☐ Steel Overpack (FRP Box)
	☐ Other (Describe)

Drum Lot Code | Year of Mfr.

Manufacturer's Box Serial Number

INTERNAL SHIELDING	Type	Thickness (in.)
	☐ None	
	☐ Lead	• E
	☐ Steel	• E
	☐ Concrete	• E
	☐ Other	• E

RADIONUCLIDE CONTENT (C = Curie, G = Gram)	Nuclide	Amount ±	
		•	E
		•	E
		•	E
		•	E
		•	E

Process Batch Code

Gross Wt. (lb.) • E +

Organic Matl Wt. (lb) • E +

Organic Matl Vol (%)

Content Code

Date Closed (MMDDYY)

HAZARDOUS MATERIALS	Name	EPA Code	Quantity (g)
			• E
			• E
			• E
			• E

The data in this section were collected, and the waste described herein was packaged and labeled according to the procedures defined in the Los Alamos TRU Waste Certification Plan and its appropriate attachment(s). The data are correct and complete to the best of my knowledge.

Printed Name	Signature	Date

II. GENERATOR-SITE HEALTH PHYSICS INFORMATION

Surface Dose Rate (mrem/h) • E

Survey Meter Model

Survey Meter Serial No.

Alpha Contamination (dpm/100cm^2) • E +

Beta-Gamma Cont. (dpm/100cm^2) • E +

The data in this section were collected as prescribed in approved procedures. The package is properly closed and is safe to handle and transport.

Printed Name	Date
Signature	

III. HSE-7 SOLID-WASTE RECORDS OFFICE INFORMATION

The data package for this waste has been reviewed by HSE-7. The generator is authorized to arrange transportation to TA-54 per AR 10-2.

Printed Name	Date
Signature	

IV. STORAGE-SITE HEALTH PHYSICS INFORMATION

Surface Dose Rate (mrem/h) • E

Survey Meter Model

Survey Meter Serial No.

Alpha Contamination (dpm/100cm^2) • E +

Beta-Gamma Cont. (dpm/100cm^2) • E +

The data in this section were collected at the TA-54 waste storage/disposal site as defined in approved procedures. The package is acceptable for handling and storage.

Printed Name	Date
Signature	

V. STORAGE SITE INFORMATION

This package was visually inspected when received and was found to be properly labeled and in good condition. It was accepted according to approved procedures.

Printed Name	Date
Signature	

Pad No.	Layer	☐ E ☐ C ☐ W
Post No.	Date Stacked	

This waste package was stored at this location according to approved procedures.

Printed Name	Date
Signature	

Form Number HS 10-28 (12/88)

PROCEDURES AND INSTRUCTIONS

This form must be used to document packages of TRU waste that have been generated according to the Los Alamos TRU Waste Certification Plan. Complete each section thoroughly in the order given on the form before proceeding to the next section. Accompany all signatures with a printed or typed name. Use scientific notation. Whenever the notation E is given in a data block, enter the plus or minus as appropriate. Examples: Record 0.012 as 1.2E-2; 1.23 as 1.23E+0; and 1240.0 as 1.24E+3. Where E+ appears in a data block, enter values less than E+0 as 0.0E+0.

I. GENERATOR'S PACKAGE INFORMATION

Waste Generator: *Complete the entire section as follows; then send the form to the area HSE-1 Health Physics Representative.*

Waste Package Serial Number. Use the full 13-digit number beginning with "LA" as marked on the waste package.

Origin of Waste. Give the data for the organization offering the waste to HSE-7.

Additional Information. Use this space to enter any information about the waste that may be useful later, such as shielding construction or the specific origin of the waste.

Container. Check the correct box. If "other" is checked, enter the correct code. Drum lot number is a code of one or more characters stamped or painted on the outside of the drum between the upper rolling hoop and the top curl. Year of manufacture is the last two digits in the code stamped in the bottom head of the drum. Example: 16-55-82. Manufacturer's serial number is the manufacturer's number for containers other than drums.

Internal Shielding. Check the appropriate box and enter the thickness in inches. If "other" is checked, describe the material in the "Additional Information" block.

Radionuclide Content. List the radionuclides by using either the normally accepted notations (for example, U235, Pu239, Co60, H3, etc.) or, for accountable materials, by using the element identification plus the SS material type code (for example, Pu52 for plutonium code 52, U38 for uranium code 38, etc.). The acceptable code for mixed fission products is MFP. In cases where more than one contaminant is identifiable, list each (with appropriate data) on a separate line. Where there are more than six (6) radionuclides, contact Group HSE-7 at 7-5397 for information about this entry. Identify units, that is, M = Grams, C = Curies.

Process Batch Code. Use this code only when a homogeneous batch of waste fills more than one container; otherwise, enter "N/A."

Gross Weight. Enter the weight of the complete package in pounds (lb).

Organic Mat'l Waste. Enter the total weight of organic material in the package, including the packaging, in pounds (lb).

Organic Mat'l Volume. Round off to the nearest 10% and enter.

Content Code. Enter the number assigned by the Certification Plan attachment.

Date Closed. Enter as MMDDYY without spaces or punctuation.

Hazardous Materials. Use name and code number as given in 40 CFR 261, Subparts C and D. If none are listed, enter NONE. Enter the weight in grams.

II. GENERATOR-SITE HEALTH PHYSICS INFORMATION

The area Health Physics Representative at the Generator's site completes and signs this section. The Waste Generator then sends the form to the HSE-7 Solid Waste Records Office (MS E516) for review and approval.

III. HSE-7 SOLID WASTE RECORDS OFFICE INFORMATION

THE HSE-7 Solid Waste Records Office Representative completes and signs this section. This represents authorization to transport. The Waste Generator must arrange for transportation ONLY AFTER RECEIVING SUCH AUTHORIZATION FROM THE HSE-7 SOLID WASTE RECORDS OFFICE. Refer to Administrative Requirement 10-2. Ensure that the Certified Waste Storage Record accompanies the waste to the TA-54 storage site.

IV. STORAGE-SITE HEALTH PHYSICS INFORMATION

The HSE-1 Health Physics Representative at TA-54 must complete and sign the Storage-Site Health Physics Information section.

V. STORAGE-SITE INFORMATION

The HSE-7 Storage-Site Personnel must complete this section and sign (1) when the waste is accepted and (2) after the waste is stacked.

Appendix 4

HSE-7 Requirements Checklist		Addressed in Attachment 3
3.2.5	Requires maintenance scheduling and documentation for equipment maintained within the organization.	para 3.7
3.2.5	Requires identification of equipment maintained by other parties.	para 3.7
3.3.1.1	Requires identification of codes applicable to process or equipment design.	para 1.1.1
3.3.1.3	Requires design verification.	para 1.1.1
3.3.1.4	Requires design sign-off and output waste verification.	para 1.1.1
3.3.3.1	Requires identification of items requiring control.	para 3.4, 3.5.1, 3.5.2, 3.5.3.2, 3.5.4, 3.6, 3.7, 4.2, 4.3, 4.4
3.3.3.3	Requires batch identification.	N.A., we do not have batches large enough to fill more than one waste container.
3.3.4	Requires process controls.	para 3.0, 3.1, 3.2.1, 3.2.2, 3.2.3, 3.5.1, 3.5.2, 3.5.3.2, 3.5.4, 3.6, 3.7, 4.3

3.3.5	Requires controls to prevent waste package damage.	para 3.2.1, 3.2.2, 3.2.3, 3.5.3.1, 3.5.3.2, 3.8.1, 3.8.3, 4.2
3.4.1	Requires procedures for inspections and/or tests.	para 3.2.3, 3.5.2, 3.5.3.2, 3.5.4, 3.6, 4.2, 4.3
3.4.2	Requires identification of inspectors.	para 3.2.3, 3.5.2, 3.5.3.2, 3.5.4, 3.6, 4.2, 4.3
3.4.3	Requires reporting of inspection results.	para 3.5.2, 3.5.3.2, 3.5.4, 3.6, 4.1, 4.2, 4.3, Appendix 3
3.5.1.2	Requires calibration program for M&TE.	para 3.7
3.5.2.2.	Requires that calibration be periodic.	para 3.7
3.5.2.3	Requires calibration procedures be referenced in the attachment.	para 3.7
3.5.2.4	Requires calibration records.	para 3.7
3.5.3	Requires calibration stickers on M&TE.	para 3.7
3.6	Requires that status indicators, where used, must be defined.	para 3.1, 3.3, 3.5.1, 3.5.2, 3.5.3.2, 3.5.4, 3.6, 4.1, 4.2, 4.3, 4.4
3.7.1	Requires quality documentation on purchase orders.	para 1.1.2, 3.2.2

3.7.2	Requires that operating instructions be referenced in the attachment.	para 3.1, 3.5.1, 3.5.2, 3.5.3.2, 3.5.4, 3.6
3.7.3	Requires a document control system.	para 1.1.3
3.8	Requires a procedure or method for handling nonconforming waste packages and data packages.	para 4.3, 4.4
3.9	Requires that the applicable audit program be referenced or defined.	para 1.1.4
4.3.2	Requires a pre-use inspection of waste containers.	para 3.2.3
4.3.3	Requires a comparison with tested packaging.	para 3.2.1
4.3.4	Require reference to packaging procedures.	para 3.2.1, 3.5.3.1, 3.5.3.2
4.4	Requires documentation of 7A compliance for waste that differs from test materials.	para 3.2.1, 3.2.2
4.5	Requires documentation of 7A compliance for sheilded waste packages.	Packages of these waste streams are not shielded.
5.0	Requires labeling of the waste package.	para 3.6, 3.8.16

8.1.3	Requires forms and procedures from subsequent waste processors.	para 3.5.4, 3.6, 4.2, 4.3, 4.4
9.2.1	Requires a detailed organization chart.	para 1.0
9.2.2	Requires a waste description and content code.	para 2.1, 2.1.1, 2.1.2, 2.1.3, 2.2, 2.2.1, 2.2.2, 2.3
9.2.3.1	Requires a flow chart and/or waste stream description	para 2.0, 2.1, 2.2, 2.3, 3.1
9.2.3.1	Requires a listing of packaging to be used.	para 3.2.1, 3.2.2, 3.2.3, 3.5.3.2
9.2.3.1	Requires copies of forms to be used.	para 3.3 Appendices 1, 2, 3
9.2.3.1	Requires a list of references.	After para 4.4
9.2.3.2	Requires a listing of waste form compatibility with the WIPP waste acceptance criteria.	section 3.8
9.2.4.1	Requires a definition of the contents of the waste generator's data package.	para 3.3, 4.4
9.3	Requires personnel training and documentation of that training.	par 3.1

REJECTED WASTE PACKAGE DISPOSITION FORM

Waste Package Serial Number LA_____	Waste Generator Name_____
REJECT DESCRIPTION Inspector_____ Date_____ mm-dd-yy Group_____	REASON:
WASTE GENERATOR INSPECTION RESULTS Name_____ Date_____ mm-dd-yy	DESCRIPTION:
WASTE GENERATOR ACTION TAKEN Name_____ Date_____ mm-dd-yy	DESCRIPTION:
DISPOSITION Name_____ mm-dd-yy date_____	DESCRIPTION:

WMR or CF Lead Tech_____ Date Filed_____

RWPDF PROCEDURES AND INSTRUCTIONS

This form must be used to document waste packages rejected by MST-10 or HSE-10 not meeting the WIPP-WAC, but for which rejection an NCR is not required.

Complete each section thoroughly.

INITIATION OF THE FORM

This form is initiated by the non MST-12 operator rejecting a waste package, before returning the waste and data packages to MST-12 at the generating location. It is filled in down through "Reason for Rejection".

DATE. Enter the date in MM-DD-YY format.

WASTE PACKAGE SERIAL NUMBER. Enter as shown on the CWSR.

FORM GENERATOR NAME. Legible signature of person rejecting the waste package.

GROUP. Enter group number of person rejecting waste package.

WASTE GENERATOR NAME. Enter the name of the MST-12 person who vouched on the DWLS for the waste packaging and the data collection.

REASON FOR REJECTION. Provide a detailed explanation of the reason(s) for rejection of this waste package.

INVESTIGATION AND CORRECTION

The MST-12 Waste Management section fills out the remainder of this form. The responsible Lead Technician compares it with other RWPDF's to determine if there is a pattern of nonconformance which requires a nonconformance report. He also stores it for future reference.

WASTE GENERATOR INSPECTION RESULTS. Operator performing the inspection records the investigative actions taken and the apparent cause of the discrepancy. He also enters the date in the MM-DD-YY format and his signature.

WASTE GENERATOR ACTION TAKEN. Operator records in detail what action was taken to correct the apparent cause of the discrepancy. He also enters the date in the MM-DD-YY format and his signature.

DISPOSITION OF WASTE PACKAGE. Operator records what is done with the waste package after the investigation and/or correction. He enters the date in the MM-DD-YY format and his signature.

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001

Site(s): Los Alamos National Laboratory	**Source Document Tracking Number:** P090
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Supporting Information	**Category:** ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☑ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan

Source Document Reference Information (author(s), document and revision number, date, publisher): TRU-MST12-CPA-03, R00, TWCP-701, March, 1987

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR5, WS10	4	Combustible Waste Form - Waste Content Code 004 Combustible solids - paper, rags, plastic, rubber, etc., which may contain some small fraction of noncombustible solids as scrap metals, etc. Combustibles are materials which can be reduced to ash , but which do not require further processing to meet the WIPP WAC. See page 5 for list of plastic base, cellulose base and other combustible waste items.Noncombustible Waste Content Code 005Noncombustible solids - Small tools, cans, small equipment items, broken glass, etc., which may contain some small fraction of combustible solids, and which can be contained in plastics. Noncombustible means those materials that cannot be reduced to ash but do meet the WIPP WAC without further processing. A list of metals and nonmetals is provided on pages 6 and 7.
S16	7, 9, 12, 13	Waste will be packaged in accordance with currently approved SOPs, or documented modifications thereof to comply with the WIPP WAC.Waste from the TA-55 WMR usually is packaged in the 55-gallon DOT 17C steel drums...The packaging includes either two 5-mil plastic bags or one 90-mil rigid polyethtlene liner with lid. All drums are fitted with either vent clips or carbon filters. Waste may also be packaged in vented 30-gallon drums... The 30-gallon drums are not critical to certification because they will be overpacked in 55-gallon DOT 17C drums. Rectangular metal boxes with bolt-on lids and TRUPACT efficient metal boxes with weld-on lids may also be utilized...for objects that are too large for steel drums. All boxes are fitted with carbon filters.P.12 - If corrosive materials are present, they are packaged in a drum with a 90 mil rigid polyethylene liner or returned to the process line for neutralization to prevent corrosion of the waste container.Packaging MethodsIn-line waste drums are 30-gallon drums attached to a glovebox in the WMR by a vinyl bakelite sleeve. Items in these drums can be inspected through the glovebox windows and do not need to be removed from the glovebox system. When completed, the waste drums are bagged off and a lid is attached over the sleeve but not secured with the locking ring. The waste drum is then placed inside a DOT 17-C 55-gallon drum and the void space is filled with either waste or dunnage. The lid and vent clip are installed...Unauthorized contributions are prevented by a lockout on the plant conveyor system.p. 13 - Plastic bag liners in waste filled drums are closed using 2 inch yellow vinyl tape.
PR5, S4	10	At least three data collection forms are generated: the Waste Origination and Disposition Form (WODF), appendix 1 of this document; the Discardable Waste Log Sheet (DWLS), appendix 2; and the Certified Waste Storage Record Form (CWSR) for WIPP containers, appendix 3. The waste package serial number is assigned prior to placement of waste items in the containers by taping a plastic locking identification tag to the container. Each tag is supplied by Group HSE-7 and possesses a unique number combination which becomes the last seven digits of the waste package serial number. That number is recorded on the DWLS.

ORIGINAL

01/31/08

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: P090
AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR4, PR5, PR8	11, 12, 14	The contents of each waste item are visually inspected by certified MST-12 WM personnel for compliance with the WAC and to verify that the item is as stated on the WODF before it is placed in a waste container. Heavy or bulky objects will be either blocked in place or padded to protect the drum. The required inspection information and description data for each item placed in a waste container is entered on the DWLS which is signed by the MST-12 WM person who places the item in the container. The mass of organics and the volume percent of combustibles are estimated and recorded.P. 12 - Spray cans that enter the waste stream are punctured before they leave the process line. MST-12 WM personnel will verify that other pressure vessels are vented by fully opening valves, inserting a wire, closing the valve on the wire and recording that fact in the remarks column on the DWLS.Hazardous materials listed in 40 CFR 261, subparts C,D are documented in the remarks column of the DWLS by MST-12 WM personnel.3.5.3.2 Oversize waste items and items not from a glovebox operation are visually inspected for conformance with the WAC and documented on the DWLS by MST-12 WM personnel before being placed in a drum or metal box.P. 14 - Group HSE-10 measures the radiation dose rate at the surface of the waste drum using an Eberline RO-3C beta-gamma meter and a portable neutron rem meter (Eberline model PNR-4), or equivalent models. Drums are assayed by MST-10 NDA personnel by means of a thermal neutron coincidence counter or a segmented gamma scan system according to procedures TRU-MST10-DP-01, TRU-MST10-DP-03, and TRU-MST10-DP-08, to confirm the waste content against the DWLS.
PR8, S14	15-18	3.8 Compliance with WAC3.8.1 Waste Containers - All combustible and noncombustible TRU wastes handled by MST 12 WM are packaged in DOT 7A packagings listed in the Certification Plan...3.8.5 Free Liquids - There are no free liquids associated with the waste forms in this attachment.3.8.6 Pyrophoric Material - No pyrophoric materials will (be) present as determined by visual inspection of the individual waste items.3.8.7 Explosives and Compressed Gases - No explosives and compressed gases will be present. 3.8.8 Radioactive Mixed Waste - No hazardous materials are normally present except for small quantities that may exist as cocontaminants with the transuranics.3.8.9 Waste Package Weight - Present operating methods limit the weight of DOT 17C drums to a total gross weight of 900 pounds, well below the WIPP limit. 3.8.10 Nuclear Criticality - MST-10 NDA personnel will confirm the total amount of fissile material in each container...3.8.11 Pu-239 Equivalent (PE-Ci) TRU Activity Limits - The plutonium mixes used in this facility are such that the waste cannot exceed the 1000 PE-Ci limit without exceeding the fissile limit. See other criterion re: surface dose rate, surface contamination, thermal power, gas generation, labeling, data package/certification.
WS9	5,11	2.1.3 Miscellaneous- Graphite crucibles- GraphiteItems that do not meet the WAC may be treated by waste management personel or returned to process line personel for additional processing. " When fines are seperated from larger pieces (such as with broken graphite molds) the fines are processed seperately according to attachment 6.25".

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: P090
Source Document Data Limitations (if any): 1. Waste streams not identified	
Acceptable Knowlege Expert: Sheri Nance (Print) / Sheri Nance (Sign) Date: 5/4/07	
[a] Obtain from Acceptable Knowledge Documentation Checklist [b] For microfilm or microfiche, identify box, tape, reel number and location.	

CCP Records Transmittal/Receiving Form

CCP Central Records/Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617
Fax Number: 505-234-7014

☒ Original Record
☐ Faxed Record

Attn:	Records Custodian	From:	Trey Greenwood
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory
	4021 National Parks Highway - MS GSA 203	Company:	Technical Specialists
	Carlsbad, NM 88220	Telephone Number:	505-302-6000
		Date Sent:	11/23/04
Telephone Number:	505-234-7523		

P090	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	~~9/17/2004~~ 09/23/2004	3
	TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan	3/1/1987	38
	N/A		

None

CCP Records Center
Acceptance/Rejection Signature and Date

Records Accepted ☒ Susan Keathley (Signature) | Susan Keathley (Printed Name) | 12/5/05 (Date)

Records Rejected ☐ _____ (Signature) | _____ (Printed Name) | _____ (Date)

Reason for Rejection: _____

Re-submittal: _____ (Signature) | _____ (Printed Name) | _____ (Date)

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048(628-3234 fax)
Telephone Number:	505-234-7523	Date Sent:	1/25/08

Document Number	Title/Description	Record Date	Total Pages
P090	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6: TRU-MST12-CPA-03, R00 - TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan	1/18/2008	3
	N/A SN 1/23/08		

Comments

Supercedes previous summary. Re-evaluated for addition of new waste stream.

Acceptance/Rejection Signature and Date

Records Accepted ☑	Jodi Saltzman (Signature)	JODI SALTZMAN (Printed Name)	01/31/08 (Date)
Records Rejected ☐	_____ (Signature)	_____ (Printed Name)	_____ (Date)

Reason for Rejection:

Re-submittal:

_____ (Signature)	_____ (Printed Name)	_____ (Date)

P.01

TRANSACTION REPORT

JAN-31-2008 THU 02:46 PM

FOR: CCP RECORDS 15052347014

SEND DATE START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JAN-31 02:45 PM	915096283234	21″	1	FAX TX	OK	335	

TOTAL : 21S PAGES: 1

Controlled Copy

CCP-QP-008, Rev. 14
CCP Records Management

Effective Date: 09/19/2007
Page 29 of 29

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
		Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048(628-3234 fax)
Telephone Number:	505-234-7523	Date Sent:	1/25/08

Document Number	Title/Description	Record Date	Total Pages
P090	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6: TRU-MST12-CPA-03, R00 - TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan	1/18/2008	3
	NA on 1/23/08		

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MSG04.001

Site(s): LANLTA-21 (CCP-AK-LANL-010)	Source Document Tracking Number: C033
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Supporting Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001

Source Document Reference Information (author(s), document and revision number, date, publisher): J. Schoen, NA, Rev. NA, 09/30/2009, P2010-2740

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR6, WS2, WS3, WS9, WS11	Throughout	Data used for the calculations of volumes, dates of generation and radionuclide masses and activities were extracted from the CONCERT and Acceptable Knowledge Isotopic Ratios (AKIR) databases (References M004 and M006). A Radioactive Solid Waste Disposal Record (RSWD) or TRU Waste Storage Record (TWSR) was available, and was reviewed, for each container in this waste stream. A review of this container paperwork reveals that the waste assigned to waste stream LA-MSG04.001 is mixed contaminated soil generated during D&D, sampling activities, and nonstandard events such as the cleanup of spills at the TA-21 DP West Facility As of the date of this letter, waste stream LA-MSG04.001 (soil/gravel from the TA-21 DP West facility) consists of 39 55-gallon drums and 18 other containers, totaling 57 containers (approximately 51 cubic meters [m3]). The package dates for containers in this waste stream range from February, 1976 to May, 1997. Based on an evaluation of the materials contained in this waste stream and LANL waste management practices, waste stream LA-MSG04.001 is comprised of at least 50 percent, but no greater than 95 percent, by volume soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Therefore, Waste Matrix Code S4200 for soils is assigned to this waste stream. Radiological data was available for 100% of the containers in the 57 container population of waste stream LA-MSG04.001. To determine the "Total Radionuclide Weight%" values in the table below, the gram value for each individual radionuclide was summed over the entire waste stream and then divided by the total radiological mass in the waste stream. In the same way, a calculation was performed for "Total Radionuclide Curie%" using the sum of activity values for each radionuclide over the entire waste stream. The "Radionuclide Curie% Range for Individual Containers" was determined by summing the total activity in each container and calculating the curie percent of each radionuclide in each container. To determine the range for a specific radionuclide, the maximum and minimum were identified by reviewing the container-by-container results. The same type calculations were performed to determine the "Radionuclide Weight% Range for Individual Containers". From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and Pu-244, while over 95 percent of the total activity in the waste stream is from Pu-239. The table summarizes the results obtained from these queries for radionuclide, number of containers with the reported radionuclide, total radionuclide weight percent, total radionuclide curie percent, radionuclide weight percent range for individual containers and radionuclide curie percent range

ORIGINAL

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): LANLTA-21 (CCP-AK-LANL-010)		Source Document Tracking Number: C033
AK # [a]	Source, Doc. Page # [b]	AK Information Summary
		for individual containers. The weight percent of individual radionuclides varies on a container-bycontainer basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream.

Source Document Data Limitations (If any):

1. None.

Acceptable Knowlege Expert:

Amy Johns (Print) Amy Johns (Sign) Date: 12/9/09

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

C033 P2010-2740

Letter to AK Record

Author: James M. Schoen
CCP AKE
Date: September 30, 2009
Telephone Number: 303-838-6552

Subject: Evaluation of Volume, Period of Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001

Data used for the calculations of volumes, dates of generation and radionuclide masses and activities were extracted from the CONCERT and Acceptable Knowledge Isotopic Ratios (AKIR) databases (References M004 and M006). A Radioactive Solid Waste Disposal Record (RSWD or TRU Waste Storage Record (TWSR) was available, and was reviewed, for each container in this waste stream. A review of this container paperwork reveals that the waste assigned to waste stream LA-MSG04.001 is mixed contaminated soil generated during D&D, sampling activities, and nonstandard events such as the cleanup of spills at the TA-21 DP West Facility

As of the date of this letter, waste stream LA-MSG04.001 (soil/gravel from the TA-21 DP West facility) consists of 39 55-gallon drums and 18 other containers, totaling 57 containers (approximately 51 cubic meters [m^3]). The package dates for containers in this waste stream range from February, 1978 to May, 1997. Based on an evaluation of the materials contained in this waste stream and LANL waste management practices, waste stream LA-MSG04.001 is comprised of at least 50 percent, but no greater than 95 percent, by volume soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Therefore, Waste Matrix Code S4200 for soils is assigned to this waste stream.

Radiological data was available for 100% of the containers in the 57 container population of waste stream LA-MSG04.001. To determine the "Total Radionuclide Weight%" values in the table below, the gram value for each individual radionuclide was summed over the entire waste stream and then divided by the total radiological mass in the waste stream. In the same way, a calculation was performed for "Total Radionuclide Curie%" using the sum of activity values for each radionuclide over the entire waste stream (see attached Excel spreadsheet "LA-MSG04_001 TotalGramsAndCuries.xlsx").

The "Radionuclide Curie% Range for Individual Containers" was determined by summing the total activity in each container and calculating the curie percent of each radionuclide in each container. To determine the range for a specific radionuclide, the maximum and minimum were identified by reviewing the container-by-container results. The same type calculations were performed to determine the "Radionuclide Weight% Range for Individual Containers" (see attached Excel spreadsheet "LA-MSG04_001 Wt% and Ci% By Drum.xlsx").

From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and Pu-244, while over 95 percent of the total activity in the waste stream is from Pu-239. The following table summarizes the results obtained from these queries for radionuclide, number of containers with the reported radionuclide, total radionuclide weight percent, total radionuclide curie percent, radionuclide weight percent range for individual containers and radionuclide curie percent range for individual containers. The weight percent of individual radionuclides varies on a container-by-container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream.

Estimated Radionuclide Distribution in LA-MSG04.001

Radio-nuclide	Number of Containers with Reported Radionuclide	Total Radio-nuclide Weight%[1,5]	Total Radionuclide Curie%[2,5]	Radionuclide Weight% Range for Individual Containers[3,5]	Radionuclide Curie% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides						
Am-241	39	Trace	0.03%	0 - 0.01%	0 - 17.47%	Yes
Pu-238	39	Trace	Trace	0 - Trace	0 - 0.57%	Yes
Pu-239	57	**95.73%**	**99.88%**	0 - 100.00%	0 - 100.00%	Yes
Pu-240	1	0.02%	0.07%	0 - 0.43%	0 - 38.07%	Yes
Pu-242	1	Trace	Trace	0 - 0.05%	0 - 0.08%	Yes
U-233	1	Trace	Trace	0 - Trace	0 - 0.01%	Yes
U-234	1	Trace	Trace	0 - Trace	0 - 0.01%	Yes
U-238	1	1.23%	Trace	0 - 28.37%	0 - Trace	Yes
Sr-90	1	Trace	Trace	0 - Trace	0 - 0.02%	Yes
Cs-137	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Additional Radionuclides						
H-3	1	Trace	Trace	0 - Trace	0 - Trace	Yes
I-125	1	Trace	Trace	0 - Trace	0 - 0.02%	Yes
I-129	1	Trace	Trace	0 - 0.05%	0 - Trace	Yes
Np-237	1	0.01%	Trace	0 - 0.13%	0 - 0.04%	Yes
Pb-210	1	Trace	Trace	0 - Trace	0 - 0.48%	Yes
Pu-244	1	**3.01%**	Trace	0 - 69.36%	0 - 0.48%	Yes
Ra-226	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-234	1	Trace	0.01%	0 - Trace	0 - 4.62%	Yes
Other Radionuclides that may be present in unknown amounts ("0" data values were reported)						
U-235						

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity (curie) percent for that radionuclide.

LA-MSG04_001 TotalGramsAndCuries.xlsx

Rad_Code	# of Containers	SumOfTotal grams	TSA	Total Curies	Total Nuclide Wt%	Total Nuclide Ci%
Am-241	39	0.00185294	3.47	0.006429702	0.00%	0.03%
Cs-137	1	1.18E-08	88	1.0384E-06	0.00%	0.00%
H-3	1	7.79E-11	9760	7.60304E-07	0.00%	0.00%
I-125	1	3.21E-10	17600	5.6496E-06	0.00%	0.00%
I-129	1	0.0067	0.000179	1.1993E-06	0.00%	0.00%
Np-237	1	0.0182	0.000713	1.29766E-05	0.01%	0.00%
Pb-210	1	0.00000227	77.2	0.000175244	0.00%	0.00%
Pu-238	39	0.0000121	17.3	0.00020933	0.00%	0.00%
Pu-239	57	311.2206	0.0629	19.57577574	95.73%	99.88%
Pu-240	1	0.0609	0.23	0.014007	0.02%	0.07%
Pu-242	1	0.00753	0.00397	2.98941E-05	0.00%	0.00%
Pu-244	1	9.78	0.0000179	0.000175062	3.01%	0.00%
Ra-226	1	0.00000138	1	0.00000138	0.00%	0.00%
Sr-90	1	4.86E-08	138	6.7068E-06	0.00%	0.00%
Th-234	1	7.33E-08	23200	0.00170056	0.00%	0.01%
U-233	1	0.000531	0.00976	5.18256E-06	0.00%	0.00%
U-234	1	0.00082	0.00632	5.1824E-06	0.00%	0.00%
U-235	38	0	0.00000219	0	0.00%	0.00%
U-238	1	4	0.00000034	0.00000136	1.23%	0.00%
		325.0971498		19.59854397		

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams in Drum	WT% By Drum
56537	Am-241	0.00185294	14.09954982	0.013141838
S780215	Am-241	0	0	
S780251	Am-241	0	0	
S780236	Am-241	0	0	
S780241	Am-241	0	0	
S780250	Am-241	0	0	
S780209	Am-241	0	0	
S780216	Am-241	0	0	
S780249	Am-241	0	0	
S780237	Am-241	0	0	
S780246	Am-241	0	0	
S780210	Am-241	0	0	
S780217	Am-241	0	0	
S780245	Am-241	0	0	
S780208	Am-241	0	0	
S780211	Am-241	0	0	
S780239	Am-241	0	0	
S780244	Am-241	0	0	
S780223	Am-241	0	0	
S780221	Am-241	0	0	
S780243	Am-241	0	0	
S780212	Am-241	0	0	
S780214	Am-241	0	0	
S780242	Am-241	0	0	
S780240	Am-241	0	0	
S780213	Am-241	0	0	
S780238	Am-241	0	0	
S780219	Am-241	0	0	
S780203	Am-241	0	0	
S780222	Am-241	0	0	
S780204	Am-241	0	0	
S780235	Am-241	0	0	
S780205	Am-241	0	0	
S780206	Am-241	0	0	
S780218	Am-241	0	0	
S780252	Am-241	0	0	
S780258	Am-241	0	0	
S780207	Am-241	0	0	
S780234	Am-241	0	0	
56537	Cs-137	1.18E-08	14.09954982	8.36906E-08
56537	H-3	7.79E-11	14.09954982	5.525E-10
56537	I-125	3.21E-10	14.09954982	2.27667E-09
56537	I-129	0.0067	14.09954982	0.047519248

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams in Drum	WT% By Drum
56537	Np-237	0.0182	14.09954982	0.129082135
56537	Pb-210	0.00000227	14.09954982	1.60998E-05
56537	Pu-238	0.0000121	14.09954982	8.58183E-05
S780240	Pu-238	0	0	
S780214	Pu-238	0	0	
S780221	Pu-238	0	0	
S780239	Pu-238	0	0	
S780219	Pu-238	0	0	
S780238	Pu-238	0	0	
S780222	Pu-238	0	0	
S780217	Pu-238	0	0	
S780236	Pu-238	0	0	
S780211	Pu-238	0	0	
S780234	Pu-238	0	0	
S780223	Pu-238	0	0	
S780215	Pu-238	0	0	
S780237	Pu-238	0	0	
S780218	Pu-238	0	0	
S780216	Pu-238	0	0	
S780235	Pu-238	0	0	
S780208	Pu-238	0	0	
S780203	Pu-238	0	0	
S780204	Pu-238	0	0	
S780205	Pu-238	0	0	
S780206	Pu-238	0	0	
S780258	Pu-238	0	0	
S780252	Pu-238	0	0	
S780207	Pu-238	0	0	
S780251	Pu-238	0	0	
S780213	Pu-238	0	0	
S780250	Pu-238	0	0	
S780249	Pu-238	0	0	
S780209	Pu-238	0	0	
S780243	Pu-238	0	0	
S780241	Pu-238	0	0	
S780242	Pu-238	0	0	
S780212	Pu-238	0	0	
S780244	Pu-238	0	0	
S780246	Pu-238	0	0	
S780210	Pu-238	0	0	
S780245	Pu-238	0	0	
S792216	Pu-239	0.18	0.18	100
S794056	Pu-239	3.83	3.83	100

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams in Drum	WT% By Drum
S794046	Pu-239	6.388	6.388	100
S794044	Pu-239	6.388	6.388	100
S794043	Pu-239	6.385	6.385	100
S792215	Pu-239	0.18	0.18	100
S792214	Pu-239	0.22	0.22	100
S792213	Pu-239	3.85	3.85	100
S792211	Pu-239	4.75	4.75	100
S813315	Pu-239	1.61	1.61	100
S813289	Pu-239	19.16	19.16	100
S813323	Pu-239	13.28	13.28	100
S813262	Pu-239	143.7	143.7	100
S813241	Pu-239	11.5	11.5	100
S813240	Pu-239	78.81	78.81	100
S813225	Pu-239	0.5	0.5	100
S794119	Pu-239	0.3066	0.3066	100
S805331	Pu-239	9.96	9.96	100
56537	Pu-239	0.223	14.09954982	1.58161078
S780213	Pu-239	0	0	
S780219	Pu-239	0	0	
S780215	Pu-239	0	0	
S780203	Pu-239	0	0	
S780212	Pu-239	0	0	
S780204	Pu-239	0	0	
S780218	Pu-239	0	0	
S780206	Pu-239	0	0	
S780216	Pu-239	0	0	
S780208	Pu-239	0	0	
S780209	Pu-239	0	0	
S780217	Pu-239	0	0	
S780214	Pu-239	0	0	
S780207	Pu-239	0	0	
S780211	Pu-239	0	0	
S780210	Pu-239	0	0	
S780205	Pu-239	0	0	
S780249	Pu-239	0	0	
S780241	Pu-239	0	0	
S780252	Pu-239	0	0	
S780242	Pu-239	0	0	
S780243	Pu-239	0	0	
S780239	Pu-239	0	0	
S780240	Pu-239	0	0	
S780245	Pu-239	0	0	
S780246	Pu-239	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams in Drum	WT% By Drum
S780250	Pu-239	0	0	
S780258	Pu-239	0	0	
S780251	Pu-239	0	0	
S780244	Pu-239	0	0	
S780235	Pu-239	0	0	
S780221	Pu-239	0	0	
S780222	Pu-239	0	0	
S780223	Pu-239	0	0	
S780237	Pu-239	0	0	
S780238	Pu-239	0	0	
S780236	Pu-239	0	0	
S780234	Pu-239	0	0	
56537	Pu-240	0.0609	14.09954982	0.431928684
56537	Pu-242	0.00753	14.09954982	0.05340596
56537	Pu-244	9.78	14.09954982	69.36391674
56537	Ra-226	0.00000138	14.09954982	9.78755E-06
56537	Sr-90	4.86E-08	14.09954982	3.44692E-07
56537	Th-234	7.33E-08	14.09954982	5.19875E-07
56537	U-233	0.000531	14.09954982	0.003766078
56537	U-234	0.00082	14.09954982	0.005815789
S780204	U-235	0	0	
S780203	U-235	0	0	
S780205	U-235	0	0	
S780258	U-235	0	0	
S780252	U-235	0	0	
S780235	U-235	0	0	
S780208	U-235	0	0	
S780213	U-235	0	0	
S780239	U-235	0	0	
S780238	U-235	0	0	
S780214	U-235	0	0	
S780237	U-235	0	0	
S780240	U-235	0	0	
S780236	U-235	0	0	
S780212	U-235	0	0	
S780216	U-235	0	0	
S780234	U-235	0	0	
S780217	U-235	0	0	
S780223	U-235	0	0	
S780218	U-235	0	0	
S780221	U-235	0	0	
S780215	U-235	0	0	
S780245	U-235	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams In Drum	WT% By Drum
S780251	U-235	0	0	
S780207	U-235	0	0	
S780250	U-235	0	0	
S780249	U-235	0	0	
S780222	U-235	0	0	
S780246	U-235	0	0	
S780209	U-235	0	0	
S780206	U-235	0	0	
S780244	U-235	0	0	
S780210	U-235	0	0	
S780243	U-235	0	0	
S780211	U-235	0	0	
S780242	U-235	0	0	
S780241	U-235	0	0	
S780219	U-235	0	0	
56537	U-238	4	14.09954982	28.3697001

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies in Drum	Ci% By Drum
56537	Am-241	0.006429702	0.036794928	17.47442426
S780215	Am-241	0	0	
S780251	Am-241	0	0	
S780236	Am-241	0	0	
S780241	Am-241	0	0	
S780250	Am-241	0	0	
S780209	Am-241	0	0	
S780216	Am-241	0	0	
S780249	Am-241	0	0	
S780237	Am-241	0	0	
S780246	Am-241	0	0	
S780210	Am-241	0	0	
S780217	Am-241	0	0	
S780245	Am-241	0	0	
S780208	Am-241	0	0	
S780211	Am-241	0	0	
S780239	Am-241	0	0	
S780244	Am-241	0	0	
S780223	Am-241	0	0	
S780221	Am-241	0	0	
S780243	Am-241	0	0	
S780212	Am-241	0	0	
S780214	Am-241	0	0	
S780242	Am-241	0	0	
S780240	Am-241	0	0	
S780213	Am-241	0	0	
S780238	Am-241	0	0	
S780219	Am-241	0	0	
S780203	Am-241	0	0	
S780222	Am-241	0	0	
S780204	Am-241	0	0	
S780235	Am-241	0	0	
S780205	Am-241	0	0	
S780206	Am-241	0	0	
S780218	Am-241	0	0	
S780252	Am-241	0	0	
S780258	Am-241	0	0	
S780207	Am-241	0	0	
S780234	Am-241	0	0	
56537	Cs-137	1.0384E-06	0.036794928	0.002822128
56537	H-3	7.60304E-07	0.036794928	0.002066328
56537	I-125	5.6496E-06	0.036794928	0.01535429
56537	I-129	1.1993E-06	0.036794928	0.003259417

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies In Drum	Ci% By Drum
56537	Np-237	1.29766E-05	0.036794928	0.035267361
56537	Pb-210	0.000175244	0.036794928	0.476272166
56537	Pu-238	0.00020933	0.036794928	0.568909934
S780240	Pu-238	0	0	
S780214	Pu-238	0	0	
S780221	Pu-238	0	0	
S780239	Pu-238	0	0	
S780219	Pu-238	0	0	
S780238	Pu-238	0	0	
S780222	Pu-238	0	0	
S780217	Pu-238	0	0	
S780236	Pu-238	0	0	
S780211	Pu-238	0	0	
S780234	Pu-238	0	0	
S780223	Pu-238	0	0	
S780215	Pu-238	0	0	
S780237	Pu-238	0	0	
S780218	Pu-238	0	0	
S780216	Pu-238	0	0	
S780235	Pu-238	0	0	
S780208	Pu-238	0	0	
S780203	Pu-238	0	0	
S780204	Pu-238	0	0	
S780205	Pu-238	0	0	
S780206	Pu-238	0	0	
S780258	Pu-238	0	0	
S780252	Pu-238	0	0	
S780207	Pu-238	0	0	
S780251	Pu-238	0	0	
S780213	Pu-238	0	0	
S780250	Pu-238	0	0	
S780249	Pu-238	0	0	
S780209	Pu-238	0	0	
S780243	Pu-238	0	0	
S780241	Pu-238	0	0	
S780242	Pu-238	0	0	
S780212	Pu-238	0	0	
S780244	Pu-238	0	0	
S780246	Pu-238	0	0	
S780210	Pu-238	0	0	
S780245	Pu-238	0	0	
S792216	Pu-239	0.011322	0.011322	100
S794056	Pu-239	0.240907	0.240907	100

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad Code	Total Curies of Nuclide	Total Curies in Drum	Ci% By Drum
S794046	Pu-239	0.4018052	0.4018052	100
S794044	Pu-239	0.4018052	0.4018052	100
S794043	Pu-239	0.4016165	0.4016165	100
S792215	Pu-239	0.011322	0.011322	100
S792214	Pu-239	0.013838	0.013838	100
S792213	Pu-239	0.242165	0.242165	100
S792211	Pu-239	0.298775	0.298775	100
S813315	Pu-239	0.101269	0.101269	100
S813289	Pu-239	1.205164	1.205164	100
S813323	Pu-239	0.835312	0.835312	100
S813262	Pu-239	9.03873	9.03873	100
S813241	Pu-239	0.72335	0.72335	100
S813240	Pu-239	4.957149	4.957149	100
S813225	Pu-239	0.03145	0.03145	100
S794119	Pu-239	0.01928514	0.01928514	100
S805331	Pu-239	0.626484	0.626484	100
56537	Pu-239	0.0140267	0.036794928	38.12128686
S780213	Pu-239	0	0	
S780219	Pu-239	0	0	
S780215	Pu-239	0	0	
S780203	Pu-239	0	0	
S780212	Pu-239	0	0	
S780204	Pu-239	0	0	
S780218	Pu-239	0	0	
S780206	Pu-239	0	0	
S780216	Pu-239	0	0	
S780208	Pu-239	0	0	
S780209	Pu-239	0	0	
S780217	Pu-239	0	0	
S780214	Pu-239	0	0	
S780207	Pu-239	0	0	
S780211	Pu-239	0	0	
S780210	Pu-239	0	0	
S780205	Pu-239	0	0	
S780249	Pu-239	0	0	
S780241	Pu-239	0	0	
S780252	Pu-239	0	0	
S780242	Pu-239	0	0	
S780243	Pu-239	0	0	
S780239	Pu-239	0	0	
S780240	Pu-239	0	0	
S780245	Pu-239	0	0	
S780246	Pu-239	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies in Drum	Ci% By Drum
S780250	Pu-239	0	0	
S780258	Pu-239	0	0	
S780251	Pu-239	0	0	
S780244	Pu-239	0	0	
S780235	Pu-239	0	0	
S780221	Pu-239	0	0	
S780222	Pu-239	0	0	
S780223	Pu-239	0	0	
S780237	Pu-239	0	0	
S780238	Pu-239	0	0	
S780236	Pu-239	0	0	
S780234	Pu-239	0	0	
56537	Pu-240	0.014007	0.036794928	38.06774687
56537	Pu-242	2.98941E-05	0.036794928	0.081245165
56537	Pu-244	0.000175062	0.036794928	0.475777533
56537	Ra-226	0.00000138	0.036794928	0.003750517
56537	Sr-90	6.7068E-06	0.036794928	0.018227512
56537	Th-234	0.00170056	0.036794928	4.621723968
56537	U-233	5.18256E-06	0.036794928	0.014084985
56537	U-234	5.1824E-06	0.036794928	0.01408455
S780204	U-235	0	0	
S780203	U-235	0	0	
S780205	U-235	0	0	
S780258	U-235	0	0	
S780252	U-235	0	0	
S780235	U-235	0	0	
S780208	U-235	0	0	
S780213	U-235	0	0	
S780239	U-235	0	0	
S780238	U-235	0	0	
S780214	U-235	0	0	
S780237	U-235	0	0	
S780240	U-235	0	0	
S780236	U-235	0	0	
S780212	U-235	0	0	
S780216	U-235	0	0	
S780234	U-235	0	0	
S780217	U-235	0	0	
S780223	U-235	0	0	
S780218	U-235	0	0	
S780221	U-235	0	0	
S780215	U-235	0	0	
S780245	U-235	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad Code	Total Curies of Nuclide	Total Curies in Drum	Ci% By Drum
S780251	U-235	0	0	
S780207	U-235	0	0	
S780250	U-235	0	0	
S780249	U-235	0	0	
S780222	U-235	0	0	
S780246	U-235	0	0	
S780209	U-235	0	0	
S780206	U-235	0	0	
S780244	U-235	0	0	
S780210	U-235	0	0	
S780243	U-235	0	0	
S780211	U-235	0	0	
S780242	U-235	0	0	
S780241	U-235	0	0	
S780219	U-235	0	0	
56537	U-238	0.00000136	0.036794928	0.003696162

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 212, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	575-234-7523	Date Sent:	~~12/04/09~~ 12/10/09 CD 12/10/09

Document Number	Title/Description	Record Date	Total Pages
C033	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	12/10/2009	1
NA	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001	9/30/2009	13

Comments

None

Acceptance/Rejection Signature and Date

Records Accepted ☑	Sonia Gonzalez Signature	SONIA GONZALEZ Printed Name	12/21/09 Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	0030
DESTINATION TEL #	92347138
DESTINATION ID	CHEZIE
ST. TIME	12/22 10:15
TIME USE	00'16
PAGES SENT	1
RESULT	OK

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 212, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
Telephone Number:	575-234-7523	Telephone Number:	505-302-8668
		Date Sent:	12/10/09 12/10/09

Document Number	Title/Description	Revision Date	Number of Pages
C033	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	12/10/2009	1
NA	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001	8/30/2009	13

Comments:
None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 12/21/09 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C241

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001, LA-MIN04-S.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☑ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Transmittal of Neutralizers used in Nitrate Salt Processing

Source Document Reference Information (author(s), document and revision number, date, publisher): Dan Cox, NA, Rev. NA, 05/17/2014, P2010-3695

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS8, WS9	Throughout	Transmittal of information related to the acid and base neutralizers that were used in TRU processing. These neutralizers were used for multiple solution packages whenever neutralization was required. Includes a reference matrix identifying the types of neutralizers used at WCRRF. Liquids found in nitrate salts were predominately acidic with pH's between 3-4. In only one parent container were the liquids documented to be above neutral and it had a pH of 8. This information was obtained from review of LANL's operating records and interviews with employees.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns, Amy Johns Date: 8/12/2014

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL

DATE REC'D 12-4-14

P2010-3695

ENERGYSOLUTIONS

Date: **May 17, 2014**

To: **Dan Cox**

From: **Miles Smith**

Subject: **Transmittal of Neutralizers Used in Nitrate Salt Processing**

Attached is information related to the acid and base neutralizers that were used in TRU processing. These neutralizers were used for multiple solution packages whenever neutralization was required. We put together a quick reference matrix identifying the types of neutralizers used at WCRRF.

For neutralizers that were in use prior to the start of the 3706 Campaign and were already being used onsite, a copy of the MSDS/SDS is provided. In the two cases where EnergySolutions initiated the use of a new brand and type of neutralizer a copy of the STR approval is provided along with the MSDS/SDS. Additionally, we provide a chronological listing of neutralizer purchases with the invoices for backup.

Liquids found in nitrate salts were predominantly acidic with pH's between 3-4. In only one parent container were the liquids documented to be above neutral and it had a pH of 8. This information was obtained from review of LANL's operating records and interviews with employees.

TA-50 - WCRRF - Neutralizer Inventory

	Name	Type	Dates Used	MSDS
Acid Neutralizer	Spilfyter Kolorsafe Acid Neutralizer - Liquid Formula	Acid	Exlusively after Sept 2013	Approved MSDS Available
	Chemtex Acid Neutralizer - Dry Formula	Acid	Prior to Sep 2013	[redacted]
Base Neutralizer	Pig Base Encapsulating Neutralizer - Dry Formula	Base	Exlusively after April 2013	Approved MSDS Available
	Spilfyter Kolorsafe Benchtop Kits	Base	prior to Sep 2013	[redacted]

[redacted]

Spilfyter Kolorsafe Acid Neutralizer

Robert M. Allred

From: Zeke Wilmot
Sent: Monday, May 12, 2014 1:21 PM
To: Robert M. Allred
Subject: FW: Request for STR approval to use aqueous neutralizers at WCRRF (Approval to Use Kolorsafe® Liquid Acid Neutralizer, (MSDS No. 1006) / Kolorsafe® Liquid Base Neutralizer (MSDS No. 1007))
Attachments: KOLORSAFE Liquid Acid Neutralizer.pdf; KOLORSAFE Liquid Base Neutralizer.pdf

From: Ezell, Andy [mailto:ajezell@lanl.gov]
Sent: Thursday, September 12, 2013 8:47 PM
To: Zeke Wilmot; Robert M. Allred; Leah K. Lavallee; Vince Rodriguez
Cc: Frederici, Dave; Stone, Russell; English, Liz; Macrae, Hugh C; Stafford, Fern; Ezell, Andy
Subject: RE: Request for STR approval to use aqueous neutralizers at WCRRF (Approval to Use Kolorsafe® Liquid Acid Neutralizer, (MSDS No. 1006) / Kolorsafe® Liquid Base Neutralizer (MSDS No. 1007))

Per Exhibit F; F19.0, Chemical and Hazardous Materials Management, Section F19.2, Kolorsafe® Liquid Acid Neutralizer, (MSDS No. 1006) / Kolorsafe® Liquid Base Neutralizer (MSDS No. 1007) has been approved.

Please note the comments from ES&H, which are noted below.

"Use of these products is approved. The subcontractor IH must perform initial surveys and/or exposure monitoring to identify appropriate PPE (Exhibit F subsections 52.1.1, 52.1.6, and other subsections of F52.0)."

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-6790
E-mail: ajezell@lanl.gov

From: Zeke Wilmot [mailto:zwilmot@energysolutions.com]
Sent: Monday, August 26, 2013 1:11 PM
To: Ezell, Andy
Cc: Robert M. Allred; Leah K. Lavallee
Subject: Request for STR approval to use aqueous neutralizers at WCRRF

Andy,

In an effort to better ensure acids and /or bases are neutralized, we would like approval for use of liquid acid and base neutralizers at WCRRF. When using the current dry neutralizers, often any free liquids are completely solidified before we are able to confirm a neutral pH has been achieved. Use of liquid neutralizers would be in relatively small quantities and immediately followed by solidification with absorbent once neutralization was verified.

I believe immediate solidification would resolve any criticality safety related concerns associated with the introduction of aqueous liquids. Another concern is the potential for water reactives. As we have received a significant amount of Pu

cemented waste, I have looked into the reactivity issues potentially associated with incidental contact with plutonium. From the limited research I have done, elemental plutonium and plutonium hydride (hydride is not likely to be encountered) are water reactive, but there should not be a significant reaction if an aqueous fluid makes contact with plutonium dioxide. I expect most of the cemented Pu waste we've handled is the oxide. As the water reactivity of plutonium and criticality safety issues are not my area of expertise it may be advisable to have LANL personnel weigh in on these issues as well.

Attached are the MSDSs for the neutralizers we would like to use.

Zeke Wilmot, CIH, CSP
Industrial Hygienist-Energy*Solutions*

mobile-801-262-1829

Section 1. Chemical Product and Company Identification

Product Number: 4100 Series
Product Name: KOLORSAFE® Liquid Acid Neutralizer

Manufacturer:
NPS Corporation
3303 Spirit Way
Green Bay, WI 54304

Emergency

Telephone Numbers:
CHEMTREC--Domestic (800)424-9300 24 hours
--International (202)483-7616 24 hours
Information (800) 558-5066 7:30am-4:30pm CDT M-F

Section 2. Composition/Information on Ingredients

CAS Registry #	Component
102-71-6	Triethanolamine
72-48-0	Alizarin
7732-18-5	Water

(NOTE: See Section 8 of this MSDS for Exposure Guidelines)

Section 3. Hazards Identification

Emergency Overview

Purple liquid with an ammonia-like odor. This product presents no unusual fire hazard.

Potential Health Effects

Eye: May cause slight to severe irritation.

Skin: May cause slight to severe irritation. Repeated skin contact may aggravate an existing dermatitis (skin condition) and/or sensitivity of the skin.

Inhalation: Exposure to vapors or mists in excess of the TLV (see Section 8) or in unusually high concentrations generated from spraying, heating the material, or from exposure in poorly ventilated areas or confined spaces may cause irritation of the nose, throat, and upper respiratory system.

Signs and Symptoms:

- Eyes: Redness, Tearing
- Skin: Redness, Swelling
- Inhalation: Discomfort of the nose and throat, headache, nausea, and drowsiness

Section 4. First Aid Measures

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water for several minutes. If skin irritation develops or persists, seek medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: If swallowed, call a physician or poison control center immediately.

Flash Point: Not Tested
Flammable Limits: Not Tested
Auto-ignition Temperature: Not Tested
NOTE: This material is non-flammable as supplied.
Extinguishing Media: Water spray, ABC dry chemical, foam, or carbon dioxide. Use water fog or spray to cool exposed equipment and containers. Water or foam may cause frothing.
Special Fire Fighting Procedures: For large fires or fires in confined areas, full emergency equipment with self-contained breathing apparatus and full protective clothing should be used. Thermal decomposition of this product may produce hazardous or irritating byproducts. See Section 10.

Section 6. Accidental Release Measures

Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. Contain the spill and collect the material using chemically resistant sorbent products. If this product is mixed with other materials, see Section 13.

Section 7. Handling and Storage

Avoid high heat and/or freezing conditions. Keep container tightly closed. Suitable for general chemical storage under normal warehouse conditions.
NOTE: If this product is stored at temperatures >150 °F or at elevations above 5000 feet, gas may form, increasing the pressure within the container, causing the container to bulge. If bulging occurs, remove the container from the work area and slowly open the container to release the gas. Be sure to wear proper personal protective equipment.

Section 8. Exposure Controls/Personal Protection

Exposure Limits: Triethanolamine
ACGIH TLV is 5 mg/M^3.
OSHA PEL: Not Established

The end-user must determine the specific types of personal protective equipment needed according to 29 CFR 1910.132—Personal Protective Equipment (PPE) for General Industry. The following are only suggestions:

- Eyes: Safety glasses, goggles, or face shield
- Skin: Suitable chemically resistant gloves and protective clothing
- Inhalation: Air purifying respirator with appropriate chemical cartridge or canister

Adequate ventilation should be provided to meet the ACGIH exposure limits.

Section 9. Physical and Chemical Properties

Appearance: Purple liquid
Odor: Ammonia-like odor
Boiling Point: 218 °F
Vapor Pressure (mmHg): Not Tested
Vapor Density: Not Tested
Solubility in Water: Soluble
Specific Gravity (H_2O=1): 1.09
Freezing Point: -4 °F
pH: 10.2

Evaporation Rate (Butyl Acetate=1): Not Tested
% Vaporizable by volume (H_2O=100): 100

Stable: Yes
Conditions to Avoid: See Section 7
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition or Byproducts: In a limited air supply, thermal decomposition produces carbon monoxide, carbon dioxide, ammonia, irritating aldehydes and ketones.
Hazardous Polymerization: Will not occur

Section 11. Toxicological Information

This product is not listed by NTP or IARC. See Section 15.

Section 12. Ecological Information

No data available. See Section 15.

Section 13. Disposal Considerations

This product in itself is considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used, this product may take on the characteristics of the chemical(s) it was used with and should be disposed of accordingly. Disposal of this product (used or unused) must be in compliance with all local, state, and federal regulations.

Section 14. Transport Information

Not regulated by DOT

Section 15. Regulatory Information

TSCA Inventory Status: All components are listed on the TSCA list.
SARA Title III
Section 302 Extreme Hazardous Substance List: Not listed
Section 311/312 Hazard Classification:
Immediate (acute): Yes
Delayed (chronic): No
Fire: No
Sudden Release of Pressure: No
Reactive: No
Section 313 Toxic Chemicals: Not listed
USEPA CERCLA—Reportable Quantity (RQ): Not listed
RCRA Hazardous Waste: Not listed
State/Int'l Right-to-Know Regulations: Canada's WHMIS—Triethanolamine 1%
California Proposition 65: Not listed
International Regulations: All components are listed on the following lists:

- Canada Inventory Status: Canadian Domestic Substance (DSL)
- European Inventory of Existing Chemical Substances (EINECS)
- Japan Inventory Status: Japanese MITI Inventory

Abbreviations:

CFR: Code of Federal Regulations
OSHA: Occupational Safety and Health Administration
MSDS: Material Safety Data Sheet
PEL: Permissible Exposure Limit
NA: Not Applicable
ACGIH: American Conference of Governmental Industrial Hygienists
TLV: Threshold Limit Value
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
RCRA: Resource Conservation and Recovery Act
TSCA: Toxic Substances Control Act
SARA: Superfund Amendments and Reauthorization Act
USEPA: United States Environmental Protection Agency
CERCLA: Comprehensive Response, Compensation, and Liability Act
DOT: Department of Transportation
WHMIS: Workplace Hazardous Materials Information System
n.o.s.: Not Otherwise Specified
NFPA: National Fire Protection Association
HMIS: Hazardous Material Information System

NFPA Ratings:		HMIS Ratings:
Health: 1	Health:	1
Fire: 1	Flam	mability: 1
Reactivity: 0	Reactivity:	0
Special Hazard: None		Personal Protection: X

NOTE: This MSDS has been prepared only for the KOLORESAFE® Liquid Acid Neutralizer (4100 Series) of SPILFYTER® Products. The MSDS's of the chemicals used with this product must be reviewed completely, and precautions taken as described.

The information accumulated herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, NPS Corporation cannot give guarantees regarding the information from sources, and expressly does not make any warranties, nor assumes any liability for its uses of this product.

Disclaimer
You have purchased SPILFYTER® products from NPS Corporation
You have been provided data, product labels, MSDS's, and other information about SPILFYTER® Products.

Some SPILFYTER® Products are hazardous. Information about SPILFYTER® Products that are hazardous is furnished without guarantee. NPS Corporation does not guarantee the accuracy of the information about hazardous SPILFYTER® Products.

Those products are only to be used by people having expertise in using the hazardous products.

The information provided about the hazardous products is believed to be correct. You must perform your investigation as to the safety, toxicity, suitability, and proper shipping method for any hazardous SPILFYTER® Product.

No guarantee, expressed or implied, is made by NPS Corporation about the results of use of its products. No guarantee is made as to the safety and toxicity of any SPILFYTER® Product.

NPS Corporation does not assume any liability arising out of use of SPILFYTER® Products. Additional information and research may be necessary before you use the SPILFYTER® Products. NPS Corporation is not responsible for damages, direct or indirect, resulting from the use of SPILFYTER® Products or from reliance on data in the MSDS or product label.

If you resell SPILFYTER® Products, you must, by law, furnish your customers a copy of MSDS's and handling instructions.

You are also required by law to insure that all SPILFYTER® Products are properly shipped.

SPILFYTER®, KOLLECT-A-KEM®, HANDS-IN-BAG®, KOLORSAFE®, and GRAB&GO® are all registered trademarks of NPS Corporation
AQUALOCKIT™, TRUK-KIT ™, DRAINGUARD™, GAPSEAL™, MEDICLEAN™, and TIDYMAT™ are all trademarks of NPS Corporation

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Chemtex Acid Neutralizer

CHEMTEX Products For a Clean and Safe Environment

www.chemtexinc.com Phone (877) 431-0200 Fax (401) 305-3033

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Acid Neutralizer (Polymer, socks, pillows, & pads)

Distribution Location:
Chemtex, Inc.
1 Front Street
Cumberland RI 02864

Customer Service Telephone Number: 1-877-431-0200
Date Prepared: January 20, 2009

SECTION II: HAZARDOUS INGREDIENTS

Polymer, Sodium carbonate and alizarin. Product contains no hazardous ingredients.

SECTION III: HAZARDS IDENTIFICATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:

HEALTH:	2
FLAMMABILITY:	0
REACTIVITY:	0

SECTION IV: FIRST AID MEASURES

EYE CONTACT:	Flush eyes with running water for 15 minutes.
SKIN CONTACT:	Wash with soap and water. Remove clothing.
INHALATION:	Remove to fresh air.
INGESTION:	Drink 2 glasses (16 oz) of water, call physician or poison control.

SECTION V: FIRE FIGHTING MEASURES

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
FIRE EXTINGUISHING MEDIA:	Water spray, dry chemical, foam, or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self contained breathing apparatus & full protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Decomposes to form carbon dioxide, a fire extinguishing agent. Polymer residue is slippery when wet.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Avoid breathing dust. Contain spill or leaking material & place in an appropriate container. If wet, material is very slippery. Do not flush material to public sewer or waterways.

SECTION VII: HANDLING AND STORAGE

Store in a cool, dry well ventilated area away from chemicals listed in section X & away from flammables, heat source, foodstuffs, and animal feed.

SECTION VIII: EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT

VENTILATION:	Adequate ventilation should be available at all times of use.
PROTECTIVE GLOVES:	Chemically resistant gloves
EYE PROTECTION:	Chemical goggles/ Face shield
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Chemically resistant clothing in accordance with 29 CFR 1910-134. Also maintain sink, safety shower, and eye & face fountain in work area. Have oxygen readily available.

SECTION IX: PHYSICAL DATA

APPEARANCE AND ODOR:	Light orange or light purple crystalline powder, odorless
SPECIFIC GRAVITY (H^2O=1):	2.2
BOILING POINT (C):	N/A
MELTING POINT (C):	1564° F
SOLUBILITY IN WATER:	5.5g/100g water at 0° C
EVAPORATION RATE:	N/A
VAPOR PRESSURE (mm Hg):	N/A
VAPOR DENSITY (Air = 1):	N/A

SECTION X: REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Extreme heat
INCOMPATIBILITY:	Fluoine, Lithium & 2, 4, 6- Trinitrotoluene Contact with food products containing sugar may for deadly carbon monoxide gas. Contacts with acids will cause neutralization.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	N/A
HAZARDOUS POLYMERIZATION:	Will occur

SECTION XI: WASTE DISPOSAL METHOD

Recovered spills should be placed in closed containers & disposed of in accordance with local, state, & federal regulations.

SECTION XII: PREPARATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

UPDATED: January 20, 2009
PREPARED BY: Chemtex, Inc.

Robert M. Allred

From: Zeke Wilmot
Sent: Monday, May 12, 2014 1:18 PM
To: Robert M. Allred
Subject: FW: STR Approval for Base Neutralizer (Approval to Use PIG Encapsulating / Neutralizing Absorbents (MSD-152))
Attachments: Pig Base Encapsulating-Neutralizing Absorbants.pdf

---

From: Ezell, Andy [mailto:ajezell@lanl.gov]
Sent: Sunday, June 02, 2013 4:27 PM
To: Zeke Wilmot; Robert M. Allred; Vince Rodriguez
Cc: Frederici, Dave; Bement, Rob; English, Liz; Macrae, Hugh C; Stafford, Fern; Ezell, Andy
Subject: RE: STR Approval for Base Neutralizer (Approval to Use PIG Encapsulating / Neutralizing Absorbents (MSD-152))

Per Exhibit F, F19.0, Chemical and Hazardous Materials Management, Section F19.2, PIG Encapsulating / Neutralizing Absorbents (MSD-152,) has been approved.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-8347
E-mail: ajezell@lanl.gov

From: Zeke Wilmot [mailto:zwilmot@energysolutions.com]
Sent: Wednesday, May 08, 2013 1:29 PM
To: Ezell, Andy
Cc: Robert M. Allred
Subject: STR Approval for Base Neutralizer

Andy,

Attached is an MSDS for an absorbent/base neutralizer for which we would like approval at WCCRF.

Zeke Wilmot, CIH, CSP
Industrial Hygienist-Energy*Solutions*

mobile-801-262-1829

Safety Data Sheet

1. Product And Company Identification

Product Identifier: PIG Base Encapsulating / Neutralizing Absorbents (MSD-152)
General Use: PIG Base Encapsulating / Neutralizing Absorbents are designed to absorb, encapsulate and neutralize spilled bases rapidly. Product will turn from a cream color to a blue (high concentrations), red (medium concentrations), then back to a cream color when neutralized.
Product Description: Cream colored absorbents in pillow, sock, mat and loose form. Skin is polypropylene.

COMPANY PROFILE:	**EMERGENCY TELEPHONE:**
New Pig Corporation	INFOTRAC
One Pork Avenue	200 North Palmetto Street
Tipton, PA 16684-0304	Leesburg, FL 34748
Information Number	24 hrs, 7 days/week
1-800-468-4647	1-800-535-5053

Website: www.newpig.com, **Email:** hothogs@newpig.com

2. Hazards Identification

If outer material is punctured or if using loose powder: Warning! Irritant: Product contains chemicals known to cause serious eye irritation, mild skin irritation and may be harmful if swallowed.

GHS Classification for Mat, Sock or Pillow: Not a dangerous substance according to GHS

GHS Classification for Loose Form: Eye irritation, category 2

GHS Label Elements
Signal Word: Warning

H303 May be harmful if swallowed
H316 Causes mild skin irritation
H319 Causes serious eye irritation
Precautionary Statements:
P280 Wear protective gloves/protective clothing/eye protection/ face protection
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 IF eye irritation persists: Get medical advice/attention

3. Composition/Information on Ingredients

Filler or Loose:		
CAS: 77-92-9	Citric acid	60-65%
EC: 201-069-1		
CAS : None	Super Absorbent	40-45%
CAS : 89-83-8	Thymol	<1%
EC : 201-944-8		
Skin:		
CAS: 9003-07-0	Polypropylene	>99%
CAS: None	Adhesive	<0.0001%
CAS: 9003-07-0	Polypropylene stitching	<0.0001%

4. First Aid Measures

Eye Contact: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get medical attention if irritation persists.
Ingestion: If conscious, give two glasses of water and call physician or poison control.
Inhalation: Remove to fresh air if excessive amounts of dust inhaled.
Skin Contact: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.

5. Fire Fighting Measures

Extinguishing Media: Use media appropriate for surrounding fire.
Special Fire Fighting Procedures: Wear self contained breathing apparatus and full protective clothing.
Hazardous Combustion Products: Not established
Unusual Hazards: Polymer residue is slippery when wet. Refer to absorbed liquid(s) MSDS(s). The Base Encapsulating / Neutralizing Absorbents may help neutralize the base making it less hazardous but not less flammable.

6. Accidental Release Measures

Spill or Leak Procedures: Recovered spills should be placed in closed containers and disposed of in accordance with Federal, State and local regulations. Do not flush material to public sewer or waterways. If sweeping loose absorbent, dampen with water spray or vacuum to avoid creating dust

7. Handling and Storage

Handling Precautions: Store in cool, dry well ventilated area away from incompatible chemicals and away from flammables, heat sources, foodstuffs and animal feed. If outer material is punctured, avoid breathing dust. If wet, filler is very slippery.
Storage Precautions: Room temperature. Shelf Life: ~5 years when stored in a clean, dry environment out of direct sunlight.
General: The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls/Personal Protection

Engineering Controls: General mechanical ventilation or local exhaust as appropriate.
PERSONAL PROTECTION
Eyes: Safety glasses with side shields.
Respirator: If outer material is punctured or if using loose, use NIOSH/MSHA approved dust respirator in unventilated area.
Gloves: If outer material is punctured or if using loose, use of chemical resistant gloves is a good industrial practice.
Other: Eyewash facility.

Safety Data Sheet

8. Exposure Controls/Personal Protection (Cont'd)

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA (ppm)	
	OSHA PEL	ACGIH TLV
Mineral nuisance dust:		
Total	15 mg/m^3	10 mg/m^3
Respirable	5 mg/m^3	3 mg/m^3

9. Physical and Chemical Properties (Liquid)

Appearance: Cream colored pillow, mat or sock with purplish white crystalline powder filler or loose powder.
Odor: None **Odor Threshold:** Not applicable
pH: Not applicable
MELTING POINT/Freezing Point: Skin: 160°F (71°C), Filler: 1564°F (851°C)
Initial Boiling Point and Range: Not applicable
Flash Point: Not established **Method:** Not applicable
Evaporation Rate: Not applicable
Flammable Limits: Not established
Conditions of Flammability: Not established
Explosive Properties: None
Vapor Pressure: Not established
Vapor Density: Not established
Relative Density (H_20 = 1): 2
Solubility in Water: 41% at 200°C (392°F)
Auto Ignition Temperature: Not established
Coefficient of Water/Oil Distribution: Not available

10. Stability and Reactivity

General: This is a stable material.
Conditions of Reactivity: Depending on the chemical being neutralized, significant quantities of heat may be generated, including some off-gassing.
Incompatible Materials: Metallic nitrates, cyanides, sulfides and strong oxidizers. Contact with sodium or calcium hypochlorite creates chlorine gas.
Conditions to Avoid: None known
Hazardous Decomposition: Carbon dioxide and carbon monoxide. Thermal decomposition may result in acid fumes.
Hazardous Polymerization: May occur

11. Toxicological Information

Target Organs: No data available
POTENTIAL HEALTH EFFECTS:
Eye Contact: If outer material is punctured or if using loose powder, may cause irritation.
Ingestion: If outer material is punctured, may cause burns of mouth, nose, throat, stomach and esophagus. If large amounts are ingested, may cause nausea, vomiting, diarrhea.

11. Toxicological Information (Cont'd)

Inhalation: If outer material is punctured, may cause respiratory irritation. Pre-existing respiratory disorders may be aggravated by this product.
Skin Contact: If outer material is punctured or if using loose powder with contained absorbent, may cause irritation.
Chronic: Prolonged contact may cause burns and dermatitis.
LD50: Not established for mixture.
LC50: Not established for mixture.
Carcinogenicity: IARC: No
National Toxicology Program: No
OSHA: No
California Prop 65: No listed ingredient
Reproduction Toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Synergistic Products: Not available
Citric acid (CAS # 77-92-9):
Eye: The draize eye irritation score for rabbits is 750 ug/24H
Skin: The dermal LD50 for rabbits: 500 mg/24H Mild
Ingestion: The oral LD50 for rats is 3000 mg/kg.
Ingestion: The oral LD50 for mice is 5040 mg/kg.

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: If material is unused, dispose of as a non-hazardous material in accordance with federal, state and local regulations. Refer to MSDS(s) of absorbed materials.

14. Transport Information

DOT (Department of Transportation):
Proper Shipping Name: Not regulated
Hazard Class: None
Identification Number: Not applicable

15. Regulatory Information

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: Mineral nuisance dust
SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient
TSCA (Toxic Substances Control Act): All ingredients are listed.

Safety Data Sheet

16. Other Information

NFPA Hazard Ratings: **Health - 2**
none → extreme **Fire - 0**
0 → 4 **Reactivity - 0**

Reason for Issue: Reviewed, changes to Sections 2, 4, 5, 8, 9 & 16. GHS changes to Sections 2, 3 & 11.
Prepared by: Dale Gatehouse, Entreprises Krenda Inc.
Approved by: Lisa Baxter, New Pig Corporation
Previous Date of Issue: 08/27/2012
Revised Date: 03/29/2013
MSDS Number: MSD-152

The following is in lieu of all warranties, expressed or implied: All information provided is based on testing and data believed to be accurate.

Spilfyter Kolorsafe Base Neutralizer

Section 1. Chemical Product and Company Identification

Product Number: 4500 Series
Product Name: KOLORSAFE® Dry Base Neutralizer

Manufacturer:
NPS Corporation
3303 Spirit Way
Green Bay, WI 54304

Emergency

Telephone Numbers:
CHEMTREC--Domestic (800)424-9300 24 hours
--International (202)483-7616 24 hours
Information (800) 558-5066 7:30am-4:30pm CDT M-F

Section 2. Composition/Information on Ingredients

CAS Registry #	Component
77-92-9	Citric Acid, anhydrous
76-61-9	Thym ol Blue

(NOTE: See Section 8 of this MSDS for Exposure Guidelines)

Section 3. Hazards Identification

Emergency Overview

Odorless, pale purple crystalline powder. This product presents no unusual fire hazard.

Potential Health Effects

Eye: May cause slight to severe irritation, possibly ulcerations.

Skin: May cause slight to severe irritation. Repeated skin contact may aggravate an existing dermatitis (skin condition) and/or sensitivity of the skin.

Inhalation: Exposure to excessive levels of airborne dust may irritate the nose, throat, and upper respiratory system.

Signs and Symptoms:

- Eyes: Redness, Tearing, Possible burns
- Skin: Redness, Swelling, Possible burns
- Inhalation: Discomfort of the nose and throat, Coughing, Shortness of breath

Section 4. First Aid Measures

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Brush off excess powder with a dry towel. Wash affected area with plenty of soap and water for several minutes. If skin irritation develops or persists, seek medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: If swallowed, call a physician or poison control center immediately.

Section 5. Fire Fighting Measures

Flash Point: NA

Flammable Limits: Lower Explosive Limit (LEL): 8 gm/ft^3
Upper Explosive Limit (UEL): 65 gm/ft^3
Auto-ignition Temperature: 1850 °F
NOTE: This material is non-combustible as supplied.
Extinguishing Media: If the need exists, dry chemical, foam, or carbon dioxide can be used. Use water fog or spray to cool exposed equipment and containers.

Special Fire Fighting Procedures: For large fires or fires in confined areas, full emergency equipment with self-contained breathing apparatus and full protective clothing should be used. Thermal decomposition of this product may produce carbon dioxide gas.

Section 6. Accidental Release Measures

Avoid breathing airborne dust. Avoid contact with skin and eyes. If unused material is spilled, collect by sweeping, shoveling or vacuuming and recycle the material for use . If this product is mixed with other materials, see Section 13.

NOTE: Do not flush material to public sewer systems or waterways.

Section 7. Handling and Storage

Store in a cool, dry, and well ventilated area. Keep container tightly closed. Avoid contact with materials listed in Section 10.

Section 8. Exposure Controls/Personal Protection

Exposure Limits: None specifically established for this product; treat as a nuisance dust as defined in 29 CFR 1910.1000.
OSHA PEL: Total Dust is 15 mg/M^3.
Respirable Fraction is 5mg/M^3.
ACGIH TLV: Not Established

The end-user must determine the specific types of personal protective equipment needed according to 29 CFR 1910.132—Personal Protective Equipment (PPE) for General Industry. The following are only suggestions:

- Eyes: Safety glasses, goggles, or face shield
- Skin: Suitable chemically resistant gloves and protective clothing
- Inhalation: Air purifying respirator with appropriate chemical cartridge or canister

Adequate ventilation should be provided to limit the threat of inhalation.

Section 9. Physical and Chemical Properties

Appearance: Bluish-white crystalline powder
Odor: Odorless
Boiling Point: Not Tested
Vapor Pressure (mmHg): NA
Vapor Density: NA
Solubility in Water: Moderately Soluble (59.2% @ 68 °F)
Specific Gravity (H_2O=1): 1.67
Melting Point: 307 °F
pH: 2.2
Evaporation Rate (Butyl Acetate=1): NA
% Vaporizable by volume (H_2O=100): NA

Stable: Yes
Conditions to Avoid: None known
Incompatibility (Materials to Avoid): Strong oxidizers, metallic nitrates, cyanides, sulfides, and hypochlorites.
NOTES: This material reacts with acids, releasing large volumes of carbon dioxide gas and heat. Reaction of this material with certain food products and their residues containing reducing sugars can create carbon monoxide.
Hazardous Decomposition or Byproducts: Thermal decomposition may produce carbon dioxide gas.
Hazardous Polymerization: Will not occur

Section 11. Toxicological Information

This product is not listed by NTP or IARC. See Section 15.

Section 12. Ecological Information

No data available. See Section 15.

Section 13. Disposal Considerations

This product in itself is considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used, this product may take on the characteristics of the chemical(s) it was used with and should be disposed of accordingly. Disposal of this product (used or unused) must be in compliance with all local, state, and federal regulations.

Section 14. Transport Information

Not regulated by DOT

Section 15. Regulatory Information

TSCA Inventory Status: All components are listed on the TSCA list.
SARA Title III
Section 302 Extreme Hazardous Substance List: Not listed
Section 311/312 Hazard Classification:
Immediate (acute): No
Delayed (chronic): No
Fire: No
Sudden Release of Pressure: No
Reactive: No
Section 313 Toxic Chemicals: Not listed
USEPA CERCLA—Reportable Quantity (RQ): Not listed
RCRA Hazardous Waste: Not listed
State/Int'l Right-to-Know Regulations: Canada's WHMIS—Citric Acid 1%

Section 16. Other Information

Abbreviations:
CFR: Code of Federal Regulations
OSHA: Occupational Safety and Health Administration
MSDS: Material Safety Data Sheet

PEL: Permissible Exposure Limit
NA: Not Applicable
ACGIH: American Conference of Governmental Industrial Hygienists
TLV: Threshold Limit Value
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
RCRA: Resource Conservation and Recovery Act
TSCA: Toxic Substances Control Act
SARA: Superfund Amendments and Reauthorization Act
USEPA: United States Environmental Protection Agency
CERCLA: Comprehensive Response, Compensation, and Liability Act
DOT: Department of Transportation
WHMIS: Workplace Hazardous Materials Information System
n.o.s.: Not Otherwise Specified
NFPA: National Fire Protection Association
HMIS: Hazardous Material Information System

NFPA Ratings:		HMIS Ratings:
Health: 1	Health:	1
Fire: 0	Flam	mability: 0
Reactivity: 0	Reactivity:	0
Special Hazard: None		Personal Protection: X

NOTE: This MSDS has been prepared only for the KOLORSAFE® Dry Base Neutralizer (4500 Series) of SPILFYTER® Products. The MSDS's of the chemicals used with this product must be reviewed completely, and precautions taken as described.

The information accumulated herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, NPS Corporation cannot give guarantees regarding the information from sources, and expressly does not make any warranties, nor assumes any liability for its uses of this product.

Disclaimer
You have purchased SPILFYTER® products from NPS Corporation
You have been provided data, product labels, MSDS's, and other information about SPILFYTER® Products.

Some SPILFYTER® Products are hazardous. Information about SPILFYTER® Products that are hazardous is furnished without guarantee. NPS Corporation does not guarantee the accuracy of the information about hazardous SPILFYTER® Products.

Those products are only to be used by people having expertise in using the hazardous products.

The information provided about the hazardous products is believed to be correct. You must perform your investigation as to the safety, toxicity, suitability, and proper shipping method for any hazardous SPILFYTER® Product.

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If you resell SPILFYTER® Products, you must, by law, furnish your customers a copy of MSDS's and handling instructions.

You are also required by law to insure that all SPILFYTER® Products are properly shipped.

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Neutralizer Purchase Chronology

Acid/Base Neutralizer Purchase History

Date	Date Received	Vendor	# Purchased	Item
6/19/2012	6/27/2012	Chemtex	1	Acid Polymer 5 gal 40lb OIL905
7/24/2012	7/31/2012	Chemtex	2	Acid Polymer 5 gal 40lb OIL905
12/12/2012	12/18/2012	Chemtex	2	Acid Polymer 5 gal 40lb OIL905
1/22/2013	1/30/2013	Chemtex	2	Acid Polymer 5 gal 40lb OIL905
4/1/2013	4/3/2013	New Pig.com	2	8-lb pail PIG Base Encap/Neu Loose Absorbant PLP803
4/3/2013	unknown	New Pig.com	16	8-lb pail PIG Base Encap/Neu Loose Absorbant PLP803
5/6/2013	5/8/2013	New Pig.com	4	8-lb pail PIG Base Encap/Neu Loose Absorbant PLP803
7/19/2013	7/25/2013	New Pig.com	20	8-lb pail PIG Base Encap/Neu Loose Absorbant PLP803
9/19/2013	9/23/2013	Grainger	1	Acid Chemical Neutralizer 1 gal. 3CNW8
10/2/2013	10/4/2013	Grainger	10	Acid Chemical Neutralizer 1 gal. 3CNW8
11/7/2013	11/12/2013	Grainger	12	Acid Chemical Neutralizer 1 gal. 3CNW8
12/17/2013	1/2/2014	Grainger	12	Acid Chemical Neutralizer 1 gal. 3CNW8
			84	

Total	7	Acid Polymer 5 gal 40lb OIL905
Total	42	8-lb pail PIG Base Encap/Neu Loos Abosrbant PLP803
Total	35	Acid Chemical Neutralizer 1 gal. 3CNW8
	84	

CHEMTEX
1 Front Street • Cumberland, RI 02864
Phone: (401) 305-3030 • Fax: (401) 305-3033
www.chemtexinc.com

INVOICE

Number	58975-1
Invoice Date	06/20/2012
Ordered Date	06/19/2012
Page	1

Bill to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Phone: (505) 663-7217 Fax: (505) 661-2541

Ship to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Phone: (505) 663-7217 Fax: (505) 661-2541

Cust Code	Ordered By	Salesman	Job/Rel#	Customer PO	Wanted Date
ENERGY	GINA	LEN JOHNSON		CREDIT CARD	06/20/2012

Entered By	Ship Via	FOB	Terms
meredith sellechio	UPS		CREDIT CARD

Quantity Order	Ship	Back	U/M	Item #	Description	Price	Extension
1	1	0	EA	OIL905	ACID POLYMER 5 GAL PAIL 40LBS	96.5000	96.50
					*** SHIPPING INFORMATION *** Tracking# 1Z5R884Y0349109616		

SubTotal	96.50
UPS FREIGHT CHARGE	46.19
Total USD $	142.69

#145064.01.01.02.WCCR #

Thank you for your order, we truly appreciate your business.

** No returns allowed on emergency spill shipments. **

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Phone: (401) 305-3030 • Fax: (401) 305-3033
www.chemtexinc.com

INVOICE

Number	59477-1
Invoice Date	07/25/2012
Ordered Date	07/24/2012
Page	1

Bill to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Ship to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Phone: (505) 663-7217 Fax: (505) 661-2541

Phone: (505) 663-7217 Fax: (505) 661-2541

Cust Code	Ordered By	Salesman	Job/Rel#	Customer PO	Wanted Date
ENERGY	SAVANNAH	LEN JOHNSON		VERBAL SAVANNAH	07/25/2012

Entered By	Ship Via	FOB	Terms
meredith sellechio	UPS	Factory	CREDIT CARD

Quantity Order	Ship	Back	U/M	Item #	Description	Price	Extension
2	2	0	EA	OIL905	ACID POLYMER 5 GAL PAIL 40LBS	96.5000	193.00
					*** SHIPPING INFORMATION *** Tracking# 1Z5R884Y0349085875 1Z5R884Y0350149660		

SubTotal	193.00
UPS FREIGHT CHARGE	89.98
Total	USD $ 282.98

145063.01.01.HN10 141.49

145064.01.01.02.WCCR 141.49

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www.chemtexinc.com

INVOICE

Number	61919-1
Invoice Date	12/12/2012
Ordered Date	12/11/2012
Page	1

Bill to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Phone: (505) 663-7217 Fax: (505) 661-2541

Ship to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Phone: (505) 663-7217 Fax: (505) 661-2541

Cust Code	Ordered By	Salesman	Job/Rel#	Customer PO	Wanted Date
ENERGY	SAVANNAH	LEN JOHNSON		CREDIT CARD	12/12/2012

Entered By	Ship Via	FOB	Terms
meredith sellechio	BEST WAY	Factory	CREDIT CARD

Quantity Order	Quantity Ship	Quantity Back	U/M	Item #	Description	Price	Extension
2	2	0	EA	~~OTB905~~	ACID POLYMER 5 GAL PAIL 40LBS	96.5000	193.00
					*** SHIPPING INFORMATION *** Tracking# 1Z5R884Y0349615426 1Z5R884Y0351614039		

SubTotal	193.00
UPS FREIGHT CHARGE	90.38
Total USD $	283.38

① 145063.01.01.HN00 = $141.69

② 145064.01-01.02.WCCR = $141.69

$283.38

÷ 2

141.69

Thank you for your order, we truly appreciate your business.

** No returns allowed on emergency spill shipments **

CHEMTEX
1 Front Street • Cumberland, RI 02864
Phone: (401) 305-3030 • Fax: (401) 305-3033
www.chemtexinc.com

ORDER ACKNOWLEDGEMENT

Order Number	62459-0
Printed Date	01/23/2013
Ordered Date	01/22/2013
Page	1

Bill to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Ship to: ENERGY SOLUTIONS
176 CENTRAL PARK SQUARE
LOS ALAMOS, NM 87544

Cust Code	Ordered By	Salesman	Job/Rel#	Customer PO	Wanted Date
ENERGY	SAVANNAH	LEN JOHNSON			01/23/2013

Entered By	Ship Via	FOB	Terms
Rita Hino			CREDIT CARD

Quantity Order	Quantity Ship	Quantity Back	U/M	Item #	Description	Price	Extension
2			EA	OIL905	ACID POLYMER 5 GAL PAIL 40LBS	96.5000	193.00

SubTotal		193.00
Total	USD $	193.00

145064.01.01.02.WCCR

Please review and acknowledge any discrepencies within 24 hours.

Thank you for your order, we truly appreciate your business.

**** No returns allowed on emergency spill shipments. ****

New Pig
World's Best Stuff for Leaks, Drips and Spills

Search
Enter Keyword or Ite GO

My Account: View Orders

- Order History
- Reorder
- Purchased Items

Back to Order History

Order Details

Confirm. #: 1292729
Entered Date: 04/01/2013
Ordered By: SANCHEZ, GINA M
PRODUCT SUBTOTAL: $181.00
Total Freight Charges: $60.14
Tax: $0.00
GRAND TOTAL: $241.14

This order has been sent in one shipment as shown below.

Shipment #1 Shipped Date: 04/01/2013 Order #: 21097105-00

Shipping Address:
EnergySolutions
176 Central Park SQ
ATTN: Gina Sanchez
Los Alamos, NM 87544
Billing Address:
ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NM 87544
Payment Method:
P.O. #: INTERNET
Credit Card
Shipping Method(s):
Warehouse: TIPTON, PA 16684
Carrier: UPS 2ND DAY AIR
Order Comments:

Order #	Item #	Qty	Description	Unit Price	Total Price
			PIG® Base Encapsulating/Neutralizing Loose Absorbent		
21097105-00	PLP803	2	• 1 - 8-lb. Pail	$90.50	$181.00

PRODUCT SUBTOTAL:	**$181.00**
Total Freight Charges:	$60.14
Tax:	$0.00
TOTAL FOR THIS SHIPMENT:	**$241.14**

Back to Order History

Who is New Pig and what's with that name?

We hear it a lot: How did your company get that funny name? It's an interesting story that goes back to the 1980's, when a simple product we nicknamed the "pig" launched an industry. We've told it a thousand times — but we don't mind telling it again...

- Our Story
- News
- Discount Programs
- Careers
- Why New Pig?

Want a copy of our Pigalog catalog?

What's new? Pigs in the O.R.

Request Pigalog

New Pig
World's Best Stuff for Leaks, Drips and Spills

Search

Enter Keyword or Ite GO

My Account: View Orders

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- Reorder
- Purchased Items

Back to Order History

Order Details

Confirm. #: 1294471
Entered Date: 04/03/2013
Ordered By: JENSON, REED
PRODUCT SUBTOTAL: $1,520.00
Total Freight Charges: $143.93
Tax: $0.00
GRAND TOTAL: $1,663.93

This order has been sent in one shipment as shown below.

Shipment #1 Shipped Date: 04/03/2013 Order #: 21098818-00

Shipping Address:
EnergySolutions
176 central Park Squlare
ATTN: PO # 634499
Los Alamos, NM 87544
Billing Address:
ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NM 87544
Payment Method:
P.O. #: PO # 634499
Credit Card
Shipping Method(s):
Warehouse: TIPTON, PA 16684
Carrier: UPS GROUND
Order Comments:

Order #	Item #	Qty	Description	Unit Price	Total Price
21098818-00	PLP803	16	PIG® Base Encapsulating/Neutralizing Loose Absorbent • 1 - 8-lb. Pail	$95.00	$1,520.00

PRODUCT SUBTOTAL:	**$1,520.00**
Total Freight Charges:	$143.93
Tax:	$0.00
TOTAL FOR THIS SHIPMENT:	**$1,663.93**

Back to Order History

Who is New Pig and what's with that name?

We hear it a lot: How did your company get that funny name? It's an interesting story that goes back to the 1980's, when a simple product we nicknamed the "pig" launched an industry. We've told it a thousand times — but we don't mind telling it again...

- Our Story
- News
- Discount Programs
- Careers
- Why New Pig?

Want a copy of our Pigalog catalog?

What's new? Pigs in the O.R.

Request Pigalog

New Pig
World's Best Stuff for Leaks, Drips and Spills

Search

Enter Keyword or Ite GO

My Account: View Orders

- Order History
- Reorder
- Purchased Items

Back to Order History

Order Details

Confirm. #: 1323608
Entered Date: 05/06/2013
Ordered By: SANCHEZ, GINA M
PRODUCT SUBTOTAL: $371.00
Total Freight Charges: $119.21
Tax: $0.00
GRAND TOTAL: $490.21

This order has been sent in one shipment as shown below.

Shipment #1 Shipped Date: 05/06/2013 Order #: 21122396-00

Shipping Address:
EnergySolutions
176 Central Park SQ
ATTN: Gina Sanchez
Los Alamos, NM 87544
Billing Address:
ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NM 87544
Payment Method:
P.O. #: INTERNET
Credit Card
Shipping Method(s):
Warehouse: TIPTON, PA 16684
Carrier: UPS 2ND DAY AIR
Order Comments:

Order #	Item #	Qty	Description	Unit Price	Total Price
			PIG® Base Encapsulating/Neutralizing Loose Absorbent		
21122396-00	PLP803	4	• 1 - 8-lb. Pail	$92.75	$371.00

PRODUCT SUBTOTAL:	**$371.00**
Total Freight Charges:	$119.21
Tax:	$0.00
TOTAL FOR THIS SHIPMENT:	**$490.21**

Back to Order History

Who is New Pig and what's with that name?

We hear it a lot: How did your company get that funny name? It's an interesting story that goes back to the 1980's, when a simple product we nicknamed the "pig" launched an industry. We've told it a thousand times — but we don't mind telling it again...

- Our Story
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- Why New Pig?

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World's Best Stuff for Leaks, Drips and Spills

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- Reorder
- Purchased Items

Back to Order History

Order Details

Confirm. #: 1479152
Entered Date: 07/19/2013
Ordered By: GRECH, ANN
PRODUCT SUBTOTAL: $4,440.00
Total Freight Charges: $460.40
Tax: $0.00
GRAND TOTAL: $4,900.40

This order has been sent in more than one shipment as shown below.

All items will ship as requested.

Shipment #1 Shipped Date: 07/22/2013 Order #: 21175070-00

Shipping Address:
EnergySolutions
176 Central Park Avenue
ATTN: Curtis Schultz
Los Alamos, NM 87544
Billing Address:
ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NM 87544
Payment Method:
P.O. #: 637466
Credit Card
Shipping Method(s):
Warehouse: TIPTON, PA 16684
Carrier: PITT-OHIO TRUCKING
Order Comments:
Due to the total weight of this shipment your order will be shipping by trucking carrier.

Order #	Item #	Qty	Description	Unit Price	Total Price
21175070-00	PLP803	20	PIG® Base Encapsulating/Neutralizing Loose Absorbent • 1 - 8-lb. Pail	$95.00	$1,900.00
21175070-00	PLP801	20	PIG® Acid Encapsulating/Neutralizing Loose Absorbent • 1 - 40-lb. Pail	$127.00	$2,540.00

— Not used on WCREF Project. 5/14/14

PRODUCT SUBTOTAL:	**$4,440.00**
Total Freight Charges:	$460.40
Tax:	$0.00
TOTAL FOR THIS SHIPMENT:	**$4,900.40**

Shipment #2 Shipped Date: 07/22/2013 Order #: 21175071-00

Shipping Address:
EnergySolutions
176 Central Park Avenue
ATTN: Curtis Schultz
Los Alamos, NM 87544
Billing Address:
ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NM 87544
Payment Method:
P.O. #: COMPLIMENTARY

Shipping Method(s):
Warehouse: TIPTON, PA 16684
Carrier: FIRST CLASS MAIL
Order Comments:

Order #	Item #	Qty	Description	Unit Price	Total Price

GRAINGER

11200 E 210 HWY
KANSAS CITY, MO 64161-9370
www.grainger.com

PAGE1 OF1

INVOICE

GRAINGER ACCOUNT NUMBER	877455642
INVOICE NUMBER	9248388739
INVOICE DATE	09/19/2013
	NO AMOUNT DUE

SHIP TO

ENERGY SOLUTIONS
175 CENTRAL PARK SQ
LOS ALAMOS NM 87544-4031

PO NUMBER:	CURTIS
CALLER:	CURTIS SCHULTZ
CUSTOMER PHONE:	5016482000
ORDER/DELIVERY#:	6239584770
INCO TERMS:	FOB ORIGIN

BILL TO
ENERGY SOLUTIONS
175 CENTRAL PARK SQ
LOS ALAMOS NM 87544-4031

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www.grainger.com/paperlessinvoicing

THANK YOU! FEI NUMBER 364106280
FOR QUESTIONS ABOUT THIS INVOICE OR ACCOUNT CALL *877-202-2594*

PO LINE#	ITEM #	DESCRIPTION	QUANTITY	BACK ORDERED	UNIT PRICE	TOTAL
	3CNW8 ✓	CHEMICAL NEUTRALIZER ACIDS,1 GAL. MANUFACTURER # 410004	1		42.40	42.40
	3CNX2 ✓	CHEMICAL NEUTRALIZER BASES,1 GAL. MANUFACTURER # 430004	1		49.00	49.00

Not used w/ nitrate salts.
5/14/14

NUMBER OF PKGS:	WEIGHT:	INVOICE SUB TOTAL	91.40
DATE SHIPPED: 09/19/2013		SHIPPING CHARGE	13.69
CARRIER: UPS GROUND		TAX	6.39
TRACKING NO: 1Z8612730370453282	1Z8612730370453028	CR. CARD OR CASH RECEIVED	110.88

These items are sold for domestic consumption in the United States. If exported, purchaser assumes full responsibility for compliance with US export controls.
Reprint

PAYMENT TERMS VISA - PAY THIS INVOICE. NO STATEMENT SENT. PAYABLE IN U.S. DOLLARS. *AMOUNT DUE* **$0.00**

NO PAYMENT DUE - THIS INVOICE FOR YOUR RECORDS

#R145064.01.01.02.WCCR#

FOR COMMENTS OR CHANGE OF ADDRESS, ENTER INFORMATION ON REVERSE SIDE

GRAINGER

PAGE 1 OF 1

ORIGINAL INVOICE

201 FREEDOM DRIVE
ROANOKE, TX 76262-3320
www.grainger.com

GRAINGER ACCOUNT NUMBER	819607060
INVOICE NUMBER	9259259266
INVOICE DATE	10/02/2013
DUE DATE	11/01/2013
AMOUNT DUE	401.16

Ship to information is listed below in the description section

PO NUMBER: 145063.01.01.HN00
CALLER: GINA SANCHEZ
CUSTOMER PHONE: (801) 532-1330
ORDER/DELIVERY#: 6240756242
INCO TERMS: FOB ORIGIN

BILL TO
MDG2013 00007046 1 AT 0384

ENERGY SOLUTIONS LLC
423 W 300 S STE 200
SALT LAKE CITY, UT 84101-1297

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THANK YOU ! FEI NUMBER 36-1150280

FOR ANY QUESTIONS ABOUT THIS INVOICE OR ACCOUNT **CALL 1-877-202-2594**

PO LINE #	ITEM #	DESCRIPTION	QUANTITY	BACK ORDERED	UNIT PRICE	TOTAL
		The following items were shipped to: GINA SANCHEZ ENERGY SOLUTIONS 176 CENTRAL PARK SQ LOS ALAMOS NM 87544-4031				
1	3CNW8	CHEMICAL NEUTRALIZER,ACIDS,1 GAL. MANUFACTURER # 410004	10		38.16	381.60

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
145064.01.01.C2 WCCR
PROJECT / TASK ACCOUNT #:
Project # 145063 Task # 01.01.HN00
Total Authorized $ 381.60 NMGRT $ 19.56
By _____ Date: 10/29/13

RECEIVED
OCT 07 REC'D
By

NUMBER OF PKGS: 0 WEIGHT: 83.50
DATE SHIPPED: 10/02/2013
CARRIER: UPS GROUND
TRACKING NO: 1Z394E2803866877797 1Z394E2803866877813 1Z394E2803866877968

INVOICE SUB TOTAL	381.60
TAX	19.56

These items are sold for domestic consumption in the United States. If exported, purchaser assumes full responsibility for compliance with US export controls.

PAYMENT TERMS NET 30 DAYS. PAY THIS INVOICE NO STATEMENT SENT. PAYABLE IN U.S. DOLLARS.

AMOUNT DUE 401.16

▲ **PLEASE DETACH THIS PORTION AND RETURN WITH YOUR PAYMENT.** ▲

(Jon Roberson request)

BILL TO:
ENERGY SOLUTIONS LLC
423 W 300 S STE 200
SALT LAKE CITY, UT 84101-1297

REMIT TO:
GRAINGER
DEPT. 819607060
P.O. BOX 419267
KANSAS CITY, MO 64141-6267

819607060925925926610000401161000195610000000100000013111014

X

ACCOUNT NUMBER	DATE	INVOICE NUMBER	AMOUNT DUE
819607060	10/02/2013	9259259266	401.16

FOR COMMENTS OR CHANGE OF ADDRESS, ENTER INFORMATION ON REVERSE SIDE.

GRAINGER

11200 E. 210 HWY
KANSAS CITY, MO 64161-9370
www.grainger.com

GRAINGER ACCOUNT NUMBER	819607060
INVOICE NUMBER	9289623796
INVOICE DATE	11/07/2013
DUE DATE	12/07/2013
AMOUNT DUE	481.39

Ship to information is listed below in the description section

BILL TO
MDG2013 00007799 1 AT 0384

ENERGY SOLUTIONS LLC
423 W 300 S STE 200
SALT LAKE CITY, UT 84101-1297

PO NUMBER: 145064.01.01.02.WCCR
CALLER: GINA SANCHEZ
CUSTOMER PHONE: (505) 663-7221
ORDER/DELIVERY#: 6243971312
INCO TERMS: FOB ORIGIN

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THANK YOU! FEI NUMBER 38-1150280

FOR ANY QUESTIONS ABOUT THIS INVOICE OR ACCOUNT **CALL 1-877-202-2594**

PO LINE #	ITEM #	DESCRIPTION	QUANTITY	BACK ORDERED	UNIT PRICE	TOTAL
		The following items were shipped to: CURTIS ENERGYSOLUTIONS 176 CENTRAL PARK SQ LOS ALAMOS NM 87544				
145064	3CNW8	CHEMICAL NEUTRALIZER,ACIDS,1 GAL MANUFACTURER # 410004	12		38.16	457.92

NOV 12 REC'D
By

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145064 Task # 01.01.02.WCCR

Total Authorized $ 457.92 NMGRT $ 23.47 (pass thru)

By: Date: 11/14/13
L. Vince Romero

NUMBER OF PKGS: 0 WEIGHT: 112.20
DATE SHIPPED: 11/07/2013
CARRIER: UPS GROUND
TRACKING NO: 1Z6812730372400563 1Z6812730372400581 1Z6812730372400607

INVOICE SUB TOTAL	457.92
TAX	23.47

These items are sold for domestic consumption in the United States. If exported, purchaser assumes full responsibility for compliance with US export controls.

PAYMENT TERMS NET 30 DAYS. PAY THIS INVOICE NO STATEMENT SENT. PAYABLE IN U.S. DOLLARS.

AMOUNT DUE 481.39

PLEASE DETACH THIS PORTION AND RETURN WITH YOUR PAYMENT.

BILL TO:
ENERGY SOLUTIONS LLC
423 W 300 S STE 200
SALT LAKE CITY, UT 84101-1297

REMIT TO:
GRAINGER
DEPT. 819607060
P.O. BOX 419267
KANSAS CITY, MO 64141-6267

819607060928962379610000481391000234710000000100000013120758

X

ACCOUNT NUMBER	DATE	INVOICE NUMBER	AMOUNT DUE
819607060	11/07/2013	9289623796	481.39

FOR COMMENTS OR CHANGE OF ADDRESS, ENTER INFORMATION ON REVERSE SIDE.

GRAINGER

ORIGINAL INVOICE

2775 S. 900 W.
SALT LAKE CITY, UT 84119-2447
www.grainger.com

GRAINGER ACCOUNT NUMBER	819607060
INVOICE NUMBER	9321418809
INVOICE DATE	12/17/2013
DUE DATE	01/16/2014
AMOUNT DUE	481.39

Ship to information is listed below in the description section

BILL TO
MDG2013 00006257 1 AT 0384

ENERGY SOLUTIONS LLC
423 W 300 S STE 200
SALT LAKE CITY, UT 84101-1297

PO NUMBER:	145063/145064
CALLER:	GINA SANCHEZ
CUSTOMER PHONE:	(505) 663-7221
ORDER NUMBER:	1197959168
INCO TERMS:	FOB ORIGIN

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THANK YOU! FEI NUMBER 36-1150280

FOR ANY QUESTIONS ABOUT THIS INVOICE OR ACCOUNT **CALL 1-800-472-4643**

PO LINE #	ITEM #	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
		The following items were shipped to: CURTIS SCHULTZ *ENERGYSOLUTIONS* 176 CENTRAL PARK SQ LOS ALAMOS NM 87544			
145063	3CNW8	CHEMICAL NEUTRALIZER,ACIDS,1 GAL. MANUFACTURER # 410004 Delivery# 6247340492 Date shipped: 12/17/2013 Carrier: UPS GROUND No. of pkgs: 0 Wt: 112.20 Trk#: 1Z394E280300393818 1Z394E280300393827 1Z394E280300393836 (NO PO#) AUTHORIZED CONTRACT PAYMENT Los Alamos Office PROJECT / TASK ACCOUNT #: Project # 149053 Task # 01.01.HN00 Total Authorized $ 457.92 NMGRT $ 23.47 (PASS thru) Jeri Scott for By: L. Vince Rodriguez Date: 1/6/14	12	38.16	457.92

**

INVOICE SUB TOTAL	457.92
TAX	23.47

These items are sold for domestic consumption in the United States. If exported, purchaser assumes full responsibility for compliance with US export controls.

PAYMENT TERMS NET 30 DAYS. PAY THIS INVOICE NO STATEMENT SENT. PAYABLE IN U.S. DOLLARS.

AMOUNT DUE 481.39

▲ **PLEASE DETACH THIS PORTION AND RETURN WITH YOUR PAYMENT.** ▲

BILL TO:
ENERGY SOLUTIONS LLC
423 W 300 S STE 200
SALT LAKE CITY, UT 84101-1297

REMIT TO:
GRAINGER
DEPT. 819607060
P.O. BOX 419267
KANSAS CITY, MO 64141-6267

819607060932141880910000481391000234710000000100000014011615

X

ACCOUNT NUMBER	DATE	INVOICE NUMBER	AMOUNT DUE
819607060	12/17/2013	9321418809	481.39

FOR COMMENTS OR CHANGE OF ADDRESS, ENTER INFORMATION ON REVERSE SIDE.

1 YNN 0010733 9

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C233
Waste Stream Number(s): LA-MHD01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Evaluation of Additional Repackaged Containers for Waste Stream LA-MHD01.001	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 09/07/2012, P2010-3331	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR4, PR6, PR7, WS2, WS3, WS4, WS9, WS11	Throughout	Lists containers recently added to CCP-AK-LANL-006, Waste Stream LA-MHD01.001. All of these containers underwent either the prohibited Item Disposition (PID) process, designated as PID or the Visual Examination (VE) process designated as VE at the Waste Characterization Reduction and Repackaging Facility (WCRRF) or the PID process at TA-54, Building 412 designated as PID at 412 and were renumbered, repackaged and/or remediated.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 9/23/2012

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 12-19-12

MEMORANDUM

P2010 - 3331

To: Craig Simmons, CCP PM; Terri Groover, CCP SPM
From: Randy Fitzgerald, CCP AKE
Date: Sept. 7, 2012
RE: Addition of 87 Containers to CCP-AK-LANL-006, Waste Stream LA-MHD01.001

The purpose of this memorandum is to satisfy the requirements of CCP Acceptable Knowledge (AK) Documentation procedure (CCP-TP-005) for updating AK for additional waste stream containers.

The attachment lists eighty-seven (87) containers recently added to CCP-AK-LANL-006, Waste Stream LA-MHD01.001. All of these containers underwent either:

1) the Prohibited Item Disposition (PID) process, designated as "PID", or the Visual Examination (VE) process, designated as "VE", at the Waste Characterization Reduction and Repackaging Facility (WCRRF); or

2) the PID process at TA-54, Building 412, designated as "PID at 412"; and

were renumbered, repackaged and/or remediated.

Since the same waste from the original container was repackaged into a new (daughter) container, all of these containers are bounded by the current revision of CCP-AK-LANL-006 for the following:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content
- Prohibited items
- Radionuclides

Attachment 8 (Waste Containers List) for Waste Stream LA-MHD01.001 and the AK Tracking Spreadsheet (AKTSS) will be updated to include these additional containers.

Randy Fitzgerald, CCP AKE — Sept. 7, 2012 Date

CCP RECORDS ORIGINAL
DATE REC'D 12-19-12

	Attachment to Sept. 7, 2012 Add Containers Memo Add 87 Containers to CCP-AK-LANL-006 LA-MHD01.001			
	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
1	91783	91445	7/24/2012	VE
2	91785	91546	7/24/2012	PID
3	91787	62116	7/24/2012	PID
4	91789	62107	7/25/2012	PID
5	91790	62107	7/25/2012	PID
6	91792	62575	7/25/2012	PID
7	91794	61272	7/25/2012	PID
8	91795	61272	7/25/2012	PID
9	91797	S825721	7/25/2012	PID
10	91798	S825721	7/25/2012	PID
11	91800	S851528	7/27/2012	PID
12	91805	S851528	7/27/2012	PID
13	91812	S902266	7/30/2012	PID
14	91813	S902266	7/30/2012	PID
15	91827	S825916	7/31/2012	PID
16	91830	S825916	7/31/2012	PID
17	91832	S841330	7/31/2012	PID
18	91833	S841330	7/31/2012	PID
19	91837	S824550	8/1/2012	PID
20	91838	S824550	8/1/2012	PID
21	91839	S824550	8/1/2012	PID
22	91840	S824550	8/1/2012	PID
23	91841	S824550	8/1/2012	PID
24	91842	S824550	8/1/2012	PID
25	91844	S825729	8/2/2012	PID
26	91845	S825729	8/2/2012	PID
27	91846	S825729	8/2/2012	PID
28	91847	S825729	8/2/2012	PID
29	91848	S825729	8/2/2012	PID
30	91849	S825729	8/2/2012	PID
31	91851	S846670	8/2/2012	PID
32	91852	52644	8/2/2012	PID at 412
33	91853	52644	8/2/2012	PID at 412
34	91885	91453	8/8/2012	PID
35	91887	91553	8/8/2012	PID
36	91890	91553	8/8/2012	PID
37	91891	91553	8/8/2012	PID
38	91896	91554	8/9/2012	PID
39	91897	91554	8/9/2012	PID
40	91898	91554	8/9/2012	PID
41	91900	S824647	8/10/2012	PID
42	91902	S864543	8/21/2012	PID
43	91903	S864543	8/21/2012	PID
44	91928	S822637	8/16/2012	PID
45	91930	S864263	8/16/2012	PID
46	91942	S865185	8/29/2012	PID at 412
47	91943	S865185	8/29/2012	PID at 412
48	91950	S833342	8/20/2012	PID

	Attachment to Sept. 7, 2012 Add Containers Memo Add 87 Containers to CCP-AK-LANL-006 LA-MHD01.001			
	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
49	91951	S833342	8/20/2012	PID
50	91952	S833342	8/20/2012	PID
51	91953	S833342	8/20/2012	PID
52	91954	S833342	8/20/2012	PID
53	91956	91634	8/21/2012	PID
54	91957	91634	8/21/2012	PID
55	91959	91704	8/21/2012	PID
56	91960	91704	8/21/2012	PID
57	91961	91704	8/21/2012	PID
58	91962	91704	8/21/2012	PID
59	91963	91704	8/21/2012	PID
60	91965	91703	8/22/2012	PID
61	91966	91703	8/22/2012	PID
62	91967	91703	8/22/2012	PID
63	91968	91703	8/22/2012	PID
64	91969	91703	8/22/2012	PID
65	91970	91703	8/22/2012	PID
66	91971	91703	8/22/2012	PID
67	91972	91703	8/22/2012	PID
68	91973	91703	8/22/2012	PID
69	91975	S833241	8/23/2012	PID
70	91976	S833241	8/23/2012	PID
71	91977	S833241	8/23/2012	PID
72	91978	S833241	8/23/2012	PID
73	91979	S833241	8/23/2012	PID
74	91980	S833241	8/23/2012	PID
75	91981	S833241	8/23/2012	PID
76	91983	S870212	8/23/2012	PID
77	91985	90889	8/23/2012	PID
78	91987	S865185	8/29/2012	PID at 412
79	91991	S832158	8/27/2012	PID
80	91992	S832158	8/27/2012	PID
81	91993	S832158	8/27/2012	PID
82	91995	S863780	8/27/2012	PID
83	91997	S863030	8/28/2012	PID
84	91999	S813567	8/28/2012	PID
85	92001	S852546	8/29/2012	PID
86	92003	S855283	8/29/2012	PID
87	92005	S865185	8/29/2012	PID at 412

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

C233

MEMORANDUM

P2010-3529

To: Craig Simmons, CCP PM; Terri Groover, CCP SPM
From: Randy Fitzgerald, CCP AKE
Date: Sept. 17, 2013
RE: Addition of 46 Containers to CCP-AK-LANL-006, Waste Stream LA-MHD01.001 **(REPACKAGED)**

The purpose of this memorandum is to satisfy the requirements of CCP Acceptable Knowledge (AK) Documentation procedure (CCP-TP-005) for updating AK for additional waste stream containers.

The attachment lists forty-six (46) containers recently added to CCP-AK-LANL-006, Waste Stream LA-MHD01.001. All of these containers underwent the Prohibited Item Disposition (PID) process at the Waste Characterization Remediation and Repackaging Facility (WCRRF), designated on the attachment as "PID"; or at the TA-54, Dome 231, designated on the attachment as "PID at 231"; and were remediated, repackaged and renumbered.

Since the same waste from the original container was repackaged into a new (daughter) container, all of these containers are bounded by the current revision of CCP-AK-LANL-006 for the following:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content
- Prohibited items
- Radionuclides

Attachment 8 (Waste Containers List) for Waste Stream LA-MHD01.001 and the AK Tracking Spreadsheet (AKTSS) will be updated to include these additional containers.

Randy Fitzgerald, CCP AKE — Sept. 17, 2013 Date

NTPC RECORDS ORIGINAL
DATE REC'D 10/29/13 SP

Attachment to Sept. 17, 2013 Add Containers Memo Add 46 Containers to CCP-AK-LANL-006, LA-MHD01.001				
N/A ED 10/7/13	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
1	92992	62816	7/9/2013	PID
2	93393	S811717	8/1/2013	PID
3	93761	62452	6/4/2013	PID
4	93781	S811729	6/7/2013	PID
5	93809	S811773	6/13/2013	PID at 231
6	93810	S811773	6/13/2013	PID at 231
7	93817	S862991	6/13/2013	PID
8	93820	S863641	6/14/2013	PID
9	93825	S855915	6/14/2013	PID
10	93830	53910	6/16/2013	PID
11	93881	S855911	6/24/2013	PID
12	93923	S816809	6/29/2013	PID
13	93926	S816809	6/29/2013	PID
14	93928	S816468	6/29/2013	PID
15	93929	S816468	7/1/2013	PID
16	93930	S816468	6/29/2013	PID
17	93932	S803149	6/29/2013	PID
18	93934	S816468	7/1/2013	PID
19	93935	S816468	7/1/2013	PID
20	93969	62816	7/9/2013	PID
21	93987	S813287	7/10/2013	PID
22	93989	S824661	7/10/2013	PID
23	94018	55303	7/14/2013	PID at 231
24	94020	63166	7/15/2013	PID at 231
25	94021	63166	7/17/2013	PID at 231
26	94025	63166	7/17/2013	PID at 231
27	94027	63166	7/18/2013	PID
28	94031	S911772	7/18/2013	PID at 231
29	94066	S833356	7/25/2013	PID
30	94071	S833923	7/25/2013	PID
31	94072	S833923	7/25/2013	PID
32	94090	S834654	7/30/2013	PID
33	94118	S864655	8/1/2013	PID
34	94120	S811781	8/1/2013	PID
35	94122	S818399	8/2/2013	PID
36	94123	58202	8/1/2013	PID at 231
37	94127	S818399	8/2/2013	PID
38	94131	57665	8/4/2013	PID at 231
39	94133	S824666	8/6/2013	PID
40	94136	S824666	8/6/2013	PID
41	94159	S816697	8/12/2013	PID
42	94161	S793735	8/12/2013	PID
43	94163	S793735	8/12/2013	PID
44	94164	S793735	8/12/2013	PID
45	94165	S793735	8/12/2013	PID
46	94166	S793735	8/12/2013	PID

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C233

MEMORANDUM

P2010 - 3568

To: Craig Simmons, CCP PM; Terri Groover, CCP SPM
From: Randy Fitzgerald, CCP AKE
Date: Jan. 6, 2014
RE: Addition of 25 Containers to CCP-AK-LANL-006, Waste Stream LA-MHD01.001 **(REPACKAGED)**

The purpose of this memorandum is to satisfy the requirements of CCP Acceptable Knowledge (AK) Documentation procedure (CCP-TP-005) for updating AK for additional waste stream containers.

The attachment lists twenty-five (25) containers recently added to CCP-AK-LANL-006, Waste Stream LA-MHD01.001. All of these containers underwent the Prohibited Item Disposition (PID) process at the Waste Characterization Remediation and Repackaging Facility (WCRRF), designated on the attachment as "PID"; or at the TA-54, Dome 231, designated on the attachment as "PID at 231"; and were remediated, repackaged and renumbered.

Since the same waste from the original container was repackaged into a new (daughter) container, all of these containers are bounded by the current revision of CCP-AK-LANL-006 for the following:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content
- Prohibited items
- Radionuclides

Attachment 8 (Waste Containers List) for Waste Stream LA-MHD01.001 and the AK Tracking Spreadsheet (AKTSS) will be updated to include these additional containers.

Randy Fitzgerald, CCP AKE — Jan. 6, 2014 Date

NTPC RECORDS ORIGINAL
DATE REC'D 06/30/2014

Attachment to Jan. 6, 2014 Add Containers Memo				
Add 25 Containers to CCP-AK-LANL-006, LA-MHD01.001				
	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
1	68203	91438	9/5/2013	PID
2	68206	57602	9/16/2013	PID at 231
3	68207	57602	9/16/2013	PID at 231
4	68208	57604	9/17/2013	PID at 231
5	68209	57604	9/18/2013	PID at 231
6	68210	57604	9/19/2013	PID at 231
7	68212	57602	9/16/2013	PID at 231
8	68226	62189	11/23/2013	PID
9	68227	62189	11/20/2013	PID
10	68396	S842463	9/19/2013	PID
11	68408	S842463	9/19/2013	PID
12	68476	S864318	10/1/2013	PID
13	68477	S864318	10/1/2013	PID
14	68505	S832313	11/26/2013	PID
15	68540	S842181	11/5/2013	PID
16	68553	S842181	11/5/2013	PID
17	68567	S816837	10/30/2013	PID
18	68638	S825810	11/12/2013	PID
19	68677	S814931	11/25/2013	PID
20	68678	S813538	11/25/2013	PID
21	68682	S813531	11/27/2013	PID
22	68684	S816715	11/25/2013	PID
23	69016	S832313	11/26/2013	PID
24	69017	S822623	11/26/2013	PID
25	69019	S833222	11/26/2013	PID

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C.233

MEMORANDUM

P2010 - 3596

To: Craig Simmons, CCP PM; Terri Groover, CCP SPM
From: Randy Fitzgerald, CCP AKE
Date: February 24, 2014
RE: Addition of 64 Containers to CCP-AK-LANL-006, Waste Stream LA-MHD01.001 **(REPACKAGED)**

The purpose of this memorandum is to satisfy the requirements of CCP Acceptable Knowledge (AK) Documentation procedure (CCP-TP-005) for updating AK for additional waste stream containers.

The attachment lists sixty-four (64) containers recently added to CCP-AK-LANL-006, Waste Stream LA-MHD01.001. All of these containers underwent the Prohibited Item Disposition (PID) process at either the Waste Characterization Remediation and Repackaging Facility (WCRRF), designated on the attachment as "PID"; or at TA-54, Dome 231, designated on the attachment at "PID at 231"; and were remediated, repackaged and renumbered.

Since the same waste from the original container was repackaged into a new (daughter) container, all of these containers are bounded by the current revision of CCP-AK-LANL-006 for the following:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content
- Prohibited items
- Radionuclides

Attachment 8 (Waste Containers List) for Waste Stream LA-MHD01.001 and the AK Tracking Spreadsheet (AKTSS) will be updated to include these additional containers.

Randy Fitzgerald for R. Fitzgerald February 24, 2014
Randy Fitzgerald, CCP AKE Date

NTPC RECORDS ORIGINAL
DATE REC'D 06/20/2014

Attachment to Feb. 24, 2014 Add Containers Memo				
Add 64 Containers to CCP-AK-LANL-008, LA-MKD01.001				
	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
1	68263	55121	01/28/2014	PID at 231
2	68264	55121	01/31/2014	PID at 231
3	68266	55121	01/28/2014	PID at 231
4	68271	55121	01/31/2014	PID at 231
5	68857	S853705	01/02/2014	PID
6	68858	S824612	12/12/2013	PID
7	68883	S852021	12/14/2013	PID
8	68855	S853322	12/22/2013	PID
9	69018	S824128	12/03/2013	PID
10	69020	58976	12/03/2013	PID
11	69021	S816142	12/02/2013	PID
12	69023	S813237	12/02/2013	PID
13	69024	S803065	12/04/2013	PID
14	69025	S825000	12/04/2013	PID
15	69026	S851683	12/10/2013	PID
16	69029	S853560	12/14/2013	PID
17	69031	S813519	01/06/2014	PID
18	69032	S824105	12/21/2013	PID
19	69035	S814954	12/09/2013	PID
20	69036	S873554	12/06/2013	PID
21	69039	S824483	12/11/2013	PID
22	69042	S852926	12/14/2013	PID
23	69046	S833550	12/17/2013	PID
24	69047	S811731	01/02/2014	PID
25	69050	S852019	12/14/2013	PID
26	69054	S823269	12/13/2013	PID
27	69055	S825017	12/11/2013	PID
28	69057	S813373	12/13/2013	PID
29	69058	92070	01/28/2014	PID
30	69059	S825773	12/12/2013	PID
31	69062	S822943	12/18/2013	PID
32	69065	S824413	12/20/2013	PID
33	69070	S813596	12/18/2013	PID
34	69071	S811731	01/02/2014	PID
35	69072	S823019	12/18/2013	PID
36	69082	S824515	12/21/2013	PID
37	69089	S825812	01/05/2014	PID
38	69104	S824128	12/03/2013	PID
39	69206	S802909	01/14/2014	PID
40	69211	S832497	01/20/2014	PID
41	69258	S832497	01/20/2014	PID
42	69268	S854612	01/30/2014	PID
43	69270	51489	01/21/2014	PID
44	69272	S832425	01/24/2014	PID
45	69273	S825640	01/25/2014	PID
46	69277	S842517	01/25/2014	PID
47	69283	S825000	01/25/2014	PID
48	69284	S842517	01/25/2014	PID

Attachment to Feb. 24, 2014 Add Containers Memo				
Add 64 Containers to CCP-AK-LANL-008, LA-MID01.001				
	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
49	69286	S802723	01/27/2014	PID
50	69287	84323	01/28/2014	PID
51	69291	S824645	01/29/2014	PID
52	69292	S863034	01/27/2014	PID
53	69293	S833344	01/26/2014	PID
54	69294	S833344	01/26/2014	PID
55	69297	S852878	01/27/2014	PID
56	69299	S852016	01/25/2014	PID
57	69300	53701	01/26/2014	PID
58	69320	S851655	01/30/2014	PID
59	69323	S825638	01/30/2014	PID
60	69324	S825638	01/30/2014	PID
61	69326	S834720	01/30/2014	PID
62	69328	S854612	01/30/2014	PID
63	69331	S854612	01/30/2014	PID
64	69333	S834720	01/30/2014	PID

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C233

MEMORANDUM

P2010 - 3651

To: Craig Simmons, CCP PM; Terri Groover, CCP SPM
From: Amy Johns, CCP AKE
Date: May 5, 2014
RE: Addition of 99 Containers to CCP-AK-LANL-006, Waste Stream LA-MHD01.001 **(REPACKAGED)**

The purpose of this memorandum is to satisfy the requirements of CCP Acceptable Knowledge (AK) Documentation procedure (CCP-TP-005) for updating AK for additional waste stream containers.

The attachment lists ninety-nine (99) containers recently added to CCP-AK-LANL-006, Waste Stream LA-MHD01.001.001. All of these containers underwent the Prohibited Item Disposition (PID) process at either the Waste Characterization Remediation and Repackaging Facility (WCRRF), designated on the attachment as "PID; or at TA-54, Bldg. 412, designated as "PID at 412"; or at TA-54, Dome 231, designated as "PID at 231"; or at TA-54, Dome 375, designated as "PID at 375"; and were remediated, repackaged and renumbered.

Since the same waste from the original container was repackaged into a new (daughter) container, all of these containers are bounded by the current revision of CCP-AK-LANL-006 for the following:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content
- Prohibited items
- Radionuclides

Attachment 8 (Waste Containers List) for Waste Stream LA-MHD01.001 and the AK Tracking Spreadsheet (AKTSS) will be updated to include these additional containers.

Amy Johns, CCP AKE — May 5, 2014 Date

NTPC RECORDS ORIGINAL
DATE REC'D 06/30/2014

Attachment to May 5, 2014 Add Containers Memo				
Add 99 Containers to CCP-AK-LANL-006, LA-MHD01.001				
	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
1	68154	56066	03/06/2014	PID at 375
2	68155	62450	03/11/2014	PID at 231
3	68159	55193	03/31/2014	PID at 231
4	68161	55193	03/30/2014	PID at 231
5	68263	55121	02/18/2014	PID at 231
6	68264	55121	02/19/2014	PID at 231
7	68266	55121	02/17/2014	PID at 231
8	68267	55121	02/02/2014	PID at 231
9	68270	55121	02/16/2014	PID at 231
10	68291	S891350	03/02/2014	PID at 412
11	68299	55193	03/26/2014	PID at 231
12	68935	S854602	03/02/2014	PID at 412
13	68968	52030	02/22/2014	PID at 412
14	68978	S891390	03/10/2014	PID at 412
15	68979	S891390	03/10/2014	PID at 412
16	68980	68719	03/17/2014	PID at 412
17	68984	S824498	03/07/2014	PID at 412
18	68985	S843558	03/05/2014	PID at 412
19	68986	S843558	03/05/2014	PID at 412
20	68987	S843558	03/05/2014	PID at 412
21	69012	S864259	03/13/2014	PID
22	69084	S803060	02/03/2014	PID
23	69186	S844296	02/07/2014	PID
24	69269	S853871	02/03/2014	PID
25	69325	86978	02/01/2014	PID
26	69327	S853871	02/03/2014	PID
27	69329	S845365	02/01/2014	PID
28	69339	S881541	02/02/2014	PID
29	69340	51041	02/05/2014	PID
30	69341	S814896	02/02/2014	PID
31	69343	S902282	02/13/2014	PID
32	69348	54840	02/03/2014	PID
33	69349	S803060	02/03/2014	PID
34	69351	52472	02/04/2014	PID
35	69353	S818373	02/13/2014	PID
36	69355	S851517	02/06/2014	PID
37	69356	S824948	02/11/2014	PID
38	69357	S865312	02/16/2014	PID
39	69358	S824470	02/04/2014	PID
40	69366	S804993	02/10/2014	PID
41	69371	S813366	02/06/2014	PID
42	69373	S825896	02/20/2014	PID
43	69377	55217	02/08/2014	PID
44	69378	S804924	02/09/2014	PID
45	69379	69283	02/19/2014	PID
46	69380	S851700	02/08/2014	PID
47	69382	S853836	02/08/2014	PID
48	69383	S853025	02/08/2014	PID
49	69384	S844296	02/07/2014	PID
50	69385	50166	02/08/2014	PID
51	69386	S852022	02/08/2014	PID
52	69387	S862519	02/11/2014	PID
53	69388	S813366	02/06/2014	PID

Attachment to May 5, 2014 Add Containers Memo				
Add 99 Containers to CCP-AK-LANL-006, LA-MHD01.001				
	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
54	69400	S844327	02/26/2014	PID
55	69401	S802698	02/22/2014	PID at 412
56	69412	55266	02/17/2014	PID
57	69414	S802823	02/21/2014	PID
58	69417	S822876	02/27/2014	PID
59	69418	86354	02/20/2014	PID
60	69421	S851663	02/16/2014	PID
61	69423	S855920	02/21/2014	PID
62	69424	69291	02/18/2014	PID
63	69425	57003	02/19/2014	PID
64	69427	S860146	02/26/2014	PID
65	69429	S825896	02/20/2014	PID
66	69431	S910726	02/19/2014	PID
67	69432	69350	02/17/2014	PID
68	69436	65936	02/24/2014	PID
69	69437	66167	02/26/2014	PID
70	69440	65936	02/24/2014	PID
71	69441	S825059	02/23/2014	PID
72	69442	S824078	02/22/2014	PID
73	69444	S824699	02/22/2014	PID
74	69469	S825899	02/24/2014	PID
75	69478	S855316	02/23/2014	PID
76	69479	S825710	02/22/2014	PID
77	69480	91353	02/23/2014	PID
78	69481	S825002	02/23/2014	PID
79	69482	S818351	02/23/2014	PID
80	69487	66471	02/24/2014	PID
81	69489	66421	02/24/2014	PID
82	69494	S818348	03/02/2014	PID
83	69505	S833291	03/02/2014	PID
84	69509	52030	03/02/2014	PID
85	69510	S813612	03/02/2014	PID
86	69511	S864732	03/03/2014	PID
87	69524	S813537	03/04/2014	PID
88	69537	S851816	03/06/2014	PID
89	69540	92027	03/04/2014	PID
90	69543	S846198	03/05/2014	PID
91	69549	S851817	03/04/2014	PID
92	69552	S846198	03/05/2014	PID
93	69556	S902122	03/11/2014	PID
94	69557	S8624259	03/13/2014	PID
95	69561	S851816	03/06/2014	PID
96	69568	S825664	03/18/2014	PID
97	69569	61701	03/13/2014	PID
98	69584	S902122	03/11/2014	PID
99	SB10191	62586	03/08/2014	PID at 412

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C233 **MEMORANDUM**

P2010 - 3675

To: Craig Simmons, CCP PM; Terri Groover, CCP SPM
From: Randy Fitzgerald, CCP AKE
Date: June 19, 2014
RE: Addition of 2 Containers to CCP-AK-LANL-006, Waste Stream LA-MHD01.001 **(REPACKAGED)**

The purpose of this memorandum is to satisfy the requirements of CCP Acceptable Knowledge (AK) Documentation procedure (CCP-TP-005) for updating AK for additional waste stream containers.

The table below lists two (2) containers recently added to CCP-AK-LANL-006, Waste Stream LA-MHD01.001. Both of these containers underwent the Prohibited Item Disposition (PID) process at the TA-54, Dome 231, designated on the table as "PID at 231"; and were remediated, repackaged and renumbered.

Since the same waste from the original container was repackaged into a new (daughter) container, all of these containers are bounded by the current revision of CCP-AK-LANL-006 for the following:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content
- Prohibited items
- Radionuclides

Attachment 8 (Waste Containers List) for Waste Stream LA-MHD01.001 and the AK Tracking Spreadsheet (AKTSS) will be updated to include these additional containers.

	Daughter Drum No.	Original Drum No.	Date RPKGD	PROCESS
1.	68164	67385	3/23/2014	PID AT 231
2.	68170	64662	4/14/2014	PID AT 231

Amy Johnson for R. Fitzgerald June 19, 2014
Randy Fitzgerald, CCP AKE Date

NTPC RECORDS ORIGINAL
DATE REC'D 6-24-14

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Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C150

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001, LA-MIN04-S.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☑ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Secondary Waste Discussions to be Added to AK4 and AK6

Source Document Reference Information (author(s), document and revision number, date, publisher): R. Fitzgerald, NA, NA, 8/2/07

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS9	All	During the remediation/repackaging of containers in the TA-54 Dome 231 Permacon, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements. During the remediation/repackaging of containers in the TA-54 Dome 231 Permacon, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements.

Source Document Data Limitations (if any):

1. Applies to waste generated in the WCRRD and Dome 231 Permacon during repackaging and remediation.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 11/30/2012
Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 12/13/2012

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C150
Acceptable Knowledge Documentation Type: TRU Waste Management Program Information ✓ Waste Stream-Specific Information __ Supporting Information	Category: ✓ C - Correspondence D - Documents M - Miscellaneous P - Procedures DR - Discrepancy Resolution U - Unpublished Documents

Title of Source Document: Remediation/Repackaging Secondary Waste Disposition

Source Document Reference Information (author(s), document and revision number, date, publisher): R. Fitzgerald, NA, NA, 8/2/07

AK # [a]	Source Doc. Page # [b]	AK Information Summary
WS9	All	During the remediation/repackaging of containers in the TA-54 Dome 231 Permacon, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements. During the remediation/repackaging of containers in the TA-54 Dome 231 Permacon, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements.

Source Document Data Limitations (if any):

1. Applies to waste generated in the WCRRD and Dome 231 Permacon during repackaging and remediation.

Acceptable Knowlege Expert:

Sheri Nance, Sheri Nance Date: 1/11/08
Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

ORIGINAL

SG 2.13.08

AK6-C150

From: Mike Papp <mj_papp@msn.com>
To: 'James R Fitzgerald' <randy_fitz@lanl.gov>; steve.schafer@comcast.net; Jim.Schoen@wastrenadvantage.com; sherinance@aol.com
Cc: jrfesq2@aol.com
Subject: RE: Secondary Waste Discussions to be added to AK4 and AK6
Date: Fri, 3 Aug 2007 12:41 pm

Randy,

Did you summarize this information from a procedure(s)? If so have we should probably assign a source document number, summarize, and submit a copy of WIPP records. If not I guess we can assign a 'C' number to your email. Let me know. Thanks.

Note: I already added the language to Rev. 7.

Michael J. Papp
Work: 720-872-8184
Cell: 303-994-6067
Fax: 720-872-8184

From: James R Fitzgerald [mailto:randy_fitz@lanl.gov]
Sent: Thursday, August 02, 2007 7:59 AM
To: mj_papp@msn.com; steve.schafer@comcast.net; Jim.Schoen@wastrenadvantage.com
Cc: randy_fitz@lanl.gov; jrfesq2@aol.com
Subject: Secondary Waste Discussions to be added to AK4 and AK6

Mike, *et al.*,

Please add the following secondary waste discussion to AK4 and AK6, during the next revisions....I revised the language to a more general discussion, i.e., "...waste may be.... vs. ...waste will be...."

WRITE-UP for SECONDARY WASTE generated at WCRRF during repackaging and remediation:

During the remediation/repackaging of containers in the WCRRF, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements.

WRITE-UP for SECONDARY WASTE generated at the Dome 231 Permacon during repackaging and remediation:

During the remediation/repackaging of containers in the TA-54 Dome 231 Permacon, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements.

Randy Fitzgerald, AKE
WS - TWPS (TRU WASTE PROJECT SUPPORT)

Technical Specialists
TA-54-533, Room 1017
505-667-3074 office
505-231-7582 cell
505-665-9509 fax

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C150
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Supporting Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Secondary Waste Discussions

Source Document Reference Information (author(s), document and revision number, date, publisher): R. Fitzgerald, NA, NA, 8/2/07

AK # [a]	Source Doc. Page # [b]	AK Information Summary
WS9	All	During the remediation/repackaging of containers in the TA-54 Dome 231 Permacon, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements. During the remediation/repackaging of containers in the TA-54 Dome 231 Permacon, some secondary waste generated may be added to the waste containers, e.g., the absorbent WASTELOCK770, and rags/wipes containing Fantastik used for decontamination. In addition, the rigid liner lids may be cut into pieces and added as waste....Also, PPE may be placed in the waste containers to meet RCRA requirements.

Source Document Data Limitations (if any):

1. Applies to waste generated in the WCRRD and Dome 231 Permacon during repackaging and remediation.

Acceptable Knowlege Expert:

Sheri Nance Sheri Nance Date: 8/16/07
Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

- [x] Original Record
- [ ] Fax Record
- [ ] E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-001
	4021 National Parks Highway - MS	Company:	Technical Specialists, LLC
	GSA 203, Carlsbad, NM 88220	Telephone Number:	509-628-2048
Telephone Number:	505-234-7523	Date Sent:	8/6/07

Document Number	Title/Description	Record Date	Total Pages
C150	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	8/6/2007	1
	Secondary Waste Discussions	8/2/2007	2
	N/A JS 8/8/07		

Comments

None

Acceptance/Rejection Signature and Date

Records Accepted	[x]	Jodi Saltzman (Signature)	JODI SALTZMAN (Printed Name)	08/08/07 (Date)
Records Rejected	[ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

P.01

TRANSACTION REPORT

AUG-08-2007 WED 02:54 PM

FOR: CCP RECORDS 15052347014

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-08	02:54 PM	SHERI NANCE	**'**	0	FAX TX	BUSY	915	

TOTAL : 0S PAGES: 0

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-001
	4021 National Parks Highway - MS	Company:	Technical Specialists, LLC
	GSA 203, Carlsbad, NM 88220	Telephone Number:	509-628-2048
Telephone Number:	505-234-7523	Date Sent:	8/16/07

Document Number	Title/Description	Record Date	Total Pages
C150	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	8/6/2007	1
	Secondary Waste Discussions	8/2/2007	2
	N/A JS 8/8/07		

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
		Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048(628-3234 fax)
Telephone Number:	505-234-7523	Date Sent:	1/11/08

Document Number	Title/Description	Record Date	Total Pages
C150	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6: Remediation/Repackaging Secondary Waste Disposition	1/11/2008	1
	NA 1/11/08		

Comments

Supercedes previous summary. Re-evaluated for addition of new waste stream

Acceptance/Rejection Signature and Date

Records Accepted ☒	Jodi Saltzman Signature	JODI SALTZMAN Printed Name	01/22/08 Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:	Signature	Printed Name	Date

P. 01

TRANSACTION REPORT

JAN-22-2008 TUE 09:34 AM

FOR:. CCP RECORDS 15052347014

SEND DATE START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JAN-22 09:33 AM	915096283234	18"	1	FAX TX	OK	474	

TOTAL : 18S PAGES: 1

Controlled Copy

CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**

CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Sheri Nance
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
		Company:	Technical Specialists, LLC
		Telephone Number:	509-628-2048(628-3234 fax)
Telephone Number:	505-234-7523	Date Sent:	1/11/08

Document Number	Title/Description	Record Date	Total Pages
C150	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6: Remediation/Repackaging Secondary Waste Disposition	1/11/2008	1
	NA 1/11/08		

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	1/26/2009

C150	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	1/14/2009	1
	N/A		

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑	Signature	SONIA GONZALEZ Printed Name	02.13.09 Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

N/A

Re-submittal:

Signature	Printed Name	Date

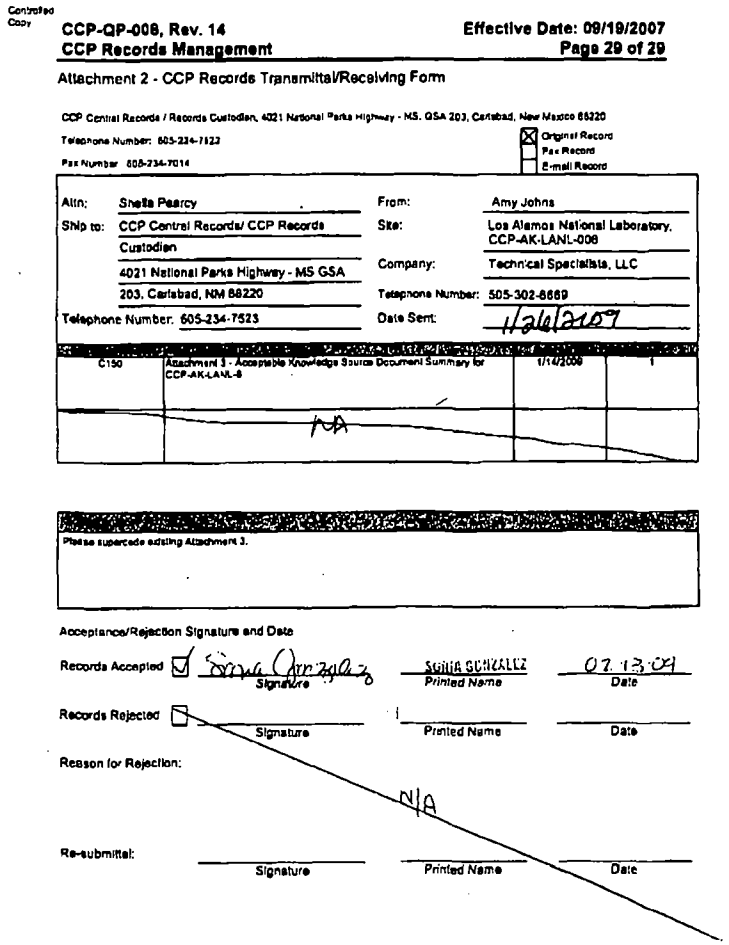
HP LaserJet *M2727nf MFP*

Fax Confirmation Report

HP LASERJET FAX

Feb-13-2009 11:22AM

Job	Date	Time	Type	Identification	Duration	Pages	Result
4726	2/13/2009	11:22:02AM	Send	915056627800	0:28	1	OK



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CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**
CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS. GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-008
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8689
Telephone Number:	505-234-7523	Date Sent:	11/26/2009

C150	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-8	1/14/2008	1
	N/A		

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Signature SONIA GONZALEZ Printed Name 02.13.09 Date

Records Rejected ☐ Signature Printed Name Date

Reason for Rejection: N/A

Re-submittal: Signature Printed Name Date

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: P206

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001, LA-MIN04-S.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☐ C - Correspondence
☐ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☑ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: WCRRF and Building TA-50-69 Waste Container Receipt, Movement, and Transfer

Source Document Reference Information (author(s), document and revision number, date, publisher): Lou Jalbert, EP-WCRR-WO-DOP-1189, Rev. 1, 04/16/2014, P2010-3697

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR4, PR8	Throughout	This procedure provides instructions for receiving Transuranic (TRU) waste containers at the Waste Characterization, Reduction, and Repackaging Facility (WCRRF), moving waste containers between and within WCRRF and Building TA-50-69, transferring waste containers from WCRRF to locations outside of WCRRF (e.g., TA-54 Area G) and TA-50-69 Manual MAR De-Inventory Determination.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns, Amy Johns Date: 8/13/2014

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

NTPC RECORDS ORIGINAL
DATE REC'D 6-13-14

P2010-3697

EP-WCRR-WO-DOP-1199, R.1

IPC-1

WCRRF and Building TA-50-69 Waste Container Receipt, Movement, and Transfer

Effective Date: 4-16-2014

Hazard Class:	☐	Low	☒	Moderate	☐	High/Complex	
Usage Mode:	☐	Reference	☐	UET	☒	Both UET & Reference	

The Responsible Manager has determined that the following organizations' review/concurrence is required for the initial document, and for major revisions a same type and level review is required. Review documentation is contained in the Document History File:

Engineering
Environmental Stewardship
Quality Assurance
Subject Matter Expert
LTP-DDP Project Manager
Shift Operations Manager
Criticality Safety
Packaging and Transportation
TRU Waste Project Support

Responsible Manager, LTP-DDP Operations Manager

Lou Jalbert	/ 121997	/ /s/ L Jalbert	/ 4-15-2014
Name (print)	Z#	Signature	Date

Classification Review: ☐ N/A ☒ Unclassified ☐ UCNI ☐ Classified _____

Art Crawford	/080070	//s/ Art Crawford	/ 4-14-2014
Name (print)	Z#	Signature	Date

Working Copy / Information Only (circle one)

Initials / Date: _____ / _____

This document fully satisfies the requirements of P300, Integrated Work Management, in order to systematically describe the work activity, the associated hazards, and the controls that **MUST** be employed to mitigate the risks.

REVISION HISTORY

Document Number	Issue Date	Action	Description
EP-WCRR-WO-DOP-0202, R.0	May 2007	New Document	
EP-WCRR-WO-DOP-0202, R.1	August 2007	Major Revision	Revised purpose to also include receipt of 85 Gallon Overpack containers. Clarified acceptance criteria and steps for verifying that the TRU Waste Container is of non-combustible construction (top, bottom, and sides) and is of a design that has had a prototype meet the free-drop tests specified in 49 CFR 173.465(c)(1). Added references in support of steps identified above.
EP-WCRR-WO-DOP-0202, R.2	October 2007	Major Revision	Added precaution & pre-requisite to prohibit receipt of 55-Gallon TRU Waste Drums having 1) sealed containers > 4 liters that have a positive locking mechanism, 2) sealed un-vented containers > 4 liters with free liquids 3) impenetrable objects
EP-WCRR-WO-DOP-0202, R.3	November 2007	Major Revision	Revised to reference new Waste Container Traveler (EP-WCRR-WO-DOP-0299). Traveler will be used to document critical data and sign-offs. Procedure changed from UET to Reference.
EP-WCRR-WO-DOP-0202, R.4	December 2007	Major Revision	Incorporate the WCRR TSR page change to allow the opening of unvented 5- to 30-gal waste packages inside of the WCG.
EP-WCRR-WO-DOP-0202, R.5	October 23, 2008	Major Revision	Incorporate the WCRR TSR page change to allow for hydrogen concentrations of < 4%.
EP-WCRR-WO-DOP-0202, R.6	December 9, 2009	Major Revision	Incorporate new format, ensure all hazards and controls are identified and incorporated. Incorporate TSR page change for new 4% hydrogen limit. Combine the following documents into this document and incorporate process improvements and additional details as necessary: • EP-WCRR-WO-DOP-0203 • EP-WCRR-WO-DOP-0204 • EP-WCRR-WO-DOP-0205 • EP-WCRR-WO-DOP-0206 • EP-WCRR-WO-DOP-0207

REVISION HISTORY (continued)

Document Number	Issue Date	Action	Description
EP-WCRR-WO-DOP-0202, R.7	December 15, 2009	Minor Revision	Revise procedure to modify step sequence, add additional documentation for the receipt of waste containers, change hydrogen limit from 4% to 3.2% in Section 6. Revise procedure to incorporate editorial corrections and to correct RCRA requirements. This revision does not introduce any new hazards in this procedure.
EP-WCRR-WO-DOP-0202, R.8	March 19, 2010	Minor Revision	Make editorial corrections as necessary, such as changing Attachment from PDI to PID. This revision does not introduce any new hazards in this procedure.
EP-WCRR-WO-DOP-0202, R.9	July 12, 2010	Major Revision	Revise procedure to add requirement for waste containers with liquids to be stored on secondary containments such as pallets, make editorial corrections such as personnel titles, modify instructions to clarify the required waste container movement documentation, and delete the requirement to record the Inventory Transaction Number on documentation as this number is no longer used. This revision does not introduce any new hazards in this procedure.
EP-WCRR-WO-DOP-0202, R.10	October 28, 2010	Minor Revision	Revise procedure to update Specific Administrative Control references for implementation of WCRRF TSR R.1.2 page change in steps 6.[2], 6.[29], 8.[4], 8.[19]; and in Attachments 1 and 3. Update cover page. Make minor editorial changes. This revision does not introduce any new hazards in this procedure.
EP-WCRR-WO-DOP-0202, R.11	October 29, 2010	Minor Revision	Revise procedure add reference to the SAC 5.10.1.4 SAC number which is SAC 5.10.1.4.1. This revision does not introduce any new hazards in this procedure.

REVISION HISTORY (continued)

Document Number	Issue Date	Action	Description
EP-WCRR-WO-DOP-0202, R.12	June 7, 2011	Major Revision	Revise procedure to allow the tractor to be removed from the trailer at the WCRRF gate. Incorporate the new procedure format. Revise procedure to add steps to ensure that there are no drums inside of the painted boundary when closing the Roll-up Doors. Add warnings to ensure that no waste containers are inside the painted boundary. Make editorial corrections as necessary. This revision does not introduce any new hazards in this procedure. This revision is a total rewrite and revision bars have been omitted.
EP-WCRR-WO-DOP-0202, R.13	August 4, 2011	Minor Revision	Revise procedure to delete two items from Attachment 1 (page 4 of 4) to correspond with procedure steps that were rewritten in previous revision (R.12). This revision does not introduce any new hazards in this procedure.
EP-WCRR-WO-DOP-0202, R.13 IPC-1	September 7, 2011	IPC	Revise procedure to incorporate additional guidance for the handling of POCs in order to prevent possible personnel injuries and to prevent a POC from tipping/falling. Make editorial corrections as necessary. No new hazards were introduced in this IPC.
EP-WCRR-WO-DOP-0202, R.13 IPC-2	January 13, 2012	IPC	Revise procedure to incorporate guidance for handling a full or empty POC and a full waste container. Incorporate the requirements of NCS-CSLA-10-131. Make editorial corrections such as correcting step branches and removing unnecessary notes. No new hazards were introduced in this IPC.

REVISION HISTORY (continued)

Document Number	Issue Date	Action	Description
EP-WCRR-WO-DOP-0202, R.14	January 31, 2012	Minor Revision	Revise to update reference and language for LCO 3.4 ($) Combustible materials inside and within 10 ft. of exterior of the transportainers SHALL be limited to those materials and equipment necessary to accomplish required tasks. (LCO 3.4) from Page change 2.0 and 2.1 for WCRRF. No additional hazards were identified during this revision. Rev bars in the left column display the changes.
EP-WCRR-WO-DOP-0202, R.15	April 16, 2012	Minor Revision	Revise procedure to add "ensure" to steps 5.[8], 5.[30], 7.[8], and 7.[19] (OS-PT performs these steps). Deleted reference to the Waste Container Traveler in step 5.[12]. Combined steps 7.[13] and 7.[14] (all containers handled by drum grabber/electric forklift), and renumbered subsequent steps and corresponding entries on Attachment 3. Added Caution to avoid damaging wire rope when working with vehicle barrier gate before steps 5.[7], 5.[31], 7.[8], and 7.[20]. No additional hazards were identified in this revision.
EP-WCRR-WO-DOP-0202, R.16	October 9, 2012	Major Revision	Revise procedure to add instructions for documenting additional information on attachments, correct performers, delete unnecessary instructions that are not performed as part of the receipt process. Make editorial corrections as necessary. No additional hazards were identified in this revision.
EP-WCRR-WO-DOP-0202, R.17	May 17, 2013	Major Revision	Revised to add additional steps to Section 6 for verifying physical container numbers with WCRRF Inventory Control. Updated WIPP link and references. No additional hazards were identified in this revision. Rev bars in left column display changes to the procedure.

REVISION HISTORY (continued)

Document Number	Issue Date	Action	Description
EP-WCRR-WO-DOP-0202, R.18	August 29, 2013	Major Revision	Revise procedure to incorporate WCATS and make editorial corrections as necessary. This revision is a total rewrite and revision bars have been omitted. This revision does not introduce any new hazards.
EP-WCRR-WO-DOP-1199, R.0	January 31, 2014	Major Revision	Revised procedure to add additional steps for using the WCATS desktop application and other change wording from clevis hook to shackles through-out procedure. Added new requirements for critical lifts per P101-25. Rev bar in the left column display locations of changes. New procedure number was added to align with document control. No additional hazards were introduced during this revision.
EP-WCRR-WO-DOP-1199, R.1	April 16, 2014	Major Revision	Revised to incorporate Shift Orders WCRR-SH-14-003 and WCRR-SH-14-002. Added Administrative Mar levels. No additional hazard identified during this revision. Rev bars in the left column display changes in the procedure.
EP-WCRR-WO-DOP-1199, R.1 IPC-1	April 24, 2014	IPC	Revised to add line item on Attachment 1 for inspection of long stem filters during receiving. Added Shift Order SH-14-004 information to Section 7. Renumbered Attachment steps to align with sections. No additional hazards identified. Rev bars with IPC-1 markings in left column display location of changes.

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1. PURPOSE

This procedure provides instructions for receiving Transuranic (TRU) waste containers at the Waste Characterization, Reduction, and Repackaging Facility (WCRRF), moving waste containers between and within WCRRF and Building Technical Area (TA)-50-69, transferring waste containers from WCRRF to locations outside of WCRRF (e.g., TA-54 Area G) and TA-50-69 Manual MAR De-Inventory Determination.

2. SCOPE

This procedure applies to all personnel within WCRRF that receive, move, or transfer waste containers at WCRRF or Building TA-50-69.

This procedure provides instructions for the following activities at WCRRF:

- Receiving waste containers
- Moving waste containers between the WCRRF transportainers (TA-50-75 or TA-50-194) and Building TA-50-69
- Transferring waste containers from the WCRRF to locations outside of WCRRF such as to TA-54 Area G
- TA-50-69 Manual MAR De-Inventory Determination

Building TA-50-69 is located within the boundary of WCRRF and when this procedure references WCRRF it includes Building TA-50-69 unless Building TA-50-69 is otherwise specifically referenced. It should be noted that the INVENTORY within Building TA-50-69 is included in the WCRRF INVENTORY.

(CS)

(*) No 55-gal or larger drum containing greater than 300 Fissile Gram Equivalent (FGE) or Standard Waste Box (SWB) containing greater than 350 FGE may be received at WCRRF. (NCS-CSLA-10-131)

No waste container of radioactive material is permitted to enter the WCRRF before approval in the Waste Compliance and Tracking System (WCATS) in order to verify that the addition of the waste container will not exceed the applicable WCRRF Material-At-Risk (MAR) limit.

2. SCOPE (continued)

Appendix 1, Manual Drum Movement Special Instructions, is a list of approved methods for manual drum movements developed in accordance with EP-DIV-POLICY-20057, EWMO Health and Safety Policy-Manual Movement for WCRRF. From the effective date of this procedure, any manual drum movements not listed in Appendix 1 of this procedure **SHALL** undergo the approval process in accordance with EP-DIV-SO-20057. If an interpretation of Appendix 1 is required, the LTP-DDP Operations Manager will provide the final determination as to whether the manual drum movement is captured on Appendix 1 or the manual drum movement instructions are to be developed in accordance with EP-DIV-SO-20057.

3. PRECAUTIONS AND LIMITATIONS

- During severe weather conditions with the potential of generating a lightning strike, activities **SHALL** be suspended and waste containers placed in a safe configuration as determined by supervision. Waste container activities **SHALL** not resume until the lightning warning is lifted.

- Drum dollies present a rolling hazard which could result in personnel injury due to a drum rolling over an individual's foot or due to a collision with a rolling drum. Workers **SHALL** wear appropriate safety shoes (e.g., steel toe) when performing drum handling activities

- When a worker observes an unsafe condition or act that may pose an imminent danger or other safety concern/hazard, the worker has the authority and responsibility to inform the worker engaged in the work and request that the work activity be paused and/or stopped based on the risk posed to the individual, the employees, the environment, or the facility in accordance with P101-18, Procedure for Pause/Stop Work.

- Drums and SWBs can have sharp edges and may create pinch points when being handled. Personnel **SHALL** use the appropriate drum handling equipment, such as cut resistance (e.g., leather or leather palm mechanic) gloves, when handling drums or SWBs.

- All manual physical movements of 55-gal and larger drums, whether empty or containing waste, **SHALL** be performed as a last resort and with written approval in accordance with EP-DIV-SO-20057, EWMO Health and Safety Policy-Manual Movement

- All approvals for manual physical movements will be in accordance with EP-DIV-SO-20057, EWMO Health and Safety Policy-Manual Movement and Appendix 1, Manual Drum Movement Special Instructions in this procedure.

3. PRECAUTIONS AND LIMITATIONS (continued)

- Workers **SHALL** use proper lifting techniques and buddy system and wear safety shoes when performing heavy lifting or movements of support materials (e.g. liners, boxes, drums, rigging equipment) handled through the performance of their job.

- This procedure contains special procedure step markings. **($)** is used to identify steps that implement WCRRF Safety Basis requirements. Steps containing **($)** may not be changed without Engineering approval to ensure the safety envelope is maintained.

- To comply with the intent of the As Low As Reasonably Achievable (ALARA) Program, all personnel **SHALL** apply the principles of time, distance, and shielding when working with radiological materials.

- Supervision **SHALL** be notified if this procedure cannot be performed as written.

- Not Applicable (N/A) is documented on the attachments during the performance of this procedure indicating information that is not required to be recorded.

- **($)** During movements of transuranic (TRU) waste containers requiring forklift support, qualified forklift operators and spotters **SHALL** be used. (AC 5.8)

- **($)** TRU WASTE CONTAINERS **SHALL** not be stacked and shall not be lifted higher than 4 ft, excluding the WCG drum lift and lifts during loading or unloading from delivery trucks. (SAC 5.10.2.2)

- TRU waste containers **SHALL** not be lifted higher than 6 ft for the purpose of loading and unloading from transport trucks in order to protect the 75.6 inch assumption in the basis of SAC 5.10.2.2.

- Resource Conservation and Recovery Act (RCRA)-regulated TRU waste containers **SHALL** be stored with a minimum of 24 inches aisle spacing in order to permit access to containers for inspection handling and placement on a drum dolly. (LANL Hazardous Waste Permit; Attachment B, Inspection Plan)

- TRU hazardous waste containers with any liquids SHALL be stored on a secondary containment.

3. PRECAUTIONS AND LIMITATIONS (continued)

- **($)** Combustible materials inside and within 10 ft. of exterior of the transportainers **SHALL** be limited to those materials and equipment necessary to accomplish required tasks. (LCO 3.4)

- **($)** No combustibles **SHALL** be stored within the waste characterization glovebox (WCG) exclusion zone. The WCG exclusion zone is 10 ft around the WCG, up to GBE, or up to the walls of Room 102, whichever is less. (LCO 3.4)

  The following are excluded from the above limitations
  - INVENTORY that is in the WCG or staged in BUILDING TA-50-69.
  - Combustible components of support equipment (e.g., wiring insulation, operator platforms and rubber mats) within the WCG Exclusion Zone and associated with WCG processing.
  - Drum liners or wrapping around DEGRADED/LOSS OF INTEGRITY drums that are inside BUILDING TA-50-69 being loaded and working amounts of material necessary to complete bag on/off operations such as tape, cheese cloth, and extra operator gloves.
  - Hydraulic fluid within the engineered, closed-loop, containment systems.
  - Combustible components associated with a forklift.

- **($)** TRU WASTE CONTAINERS **SHALL** be placed within the transportainers and container lids **SHALL** remain closed when staged outside the BUILDING TA-50-69 structure. (SAC 5.10.2.4)

- TRU waste that has been identified as not satisfying Waste Isolation Pilot Plant (WIPP) acceptance criteria must be remediated to satisfy the WIPP criteria. Prohibited items must be removed or corrected and the container must also satisfy limits on the amount of radioactive material in each container. Containers that fail to satisfy the WIPP criteria are sent to WCRRF to be remediated in the WCG.

- Forklift operations at WCRRF are performed in accordance with EP-DIV-DOP-20086, EWMO Division Specific Forklift and Drum Handler Equipment Operations, and Site Forklift operator training program.

3. PRECAUTIONS AND LIMITATIONS (continued)

- **($)** Propane, gasoline, or diesel-fueled vehicles **SHALL** not be used anywhere at the WCRRF when INVENTORY is present at the WCRRF. Exceptions: (1) Emergency vehicles in the case of any emergency. (2) Equipment with less than 5 gal of fuel may be used for grounds maintenance and for snow and ice removal. (SAC 5.10.1.1)

- Incoming TRU waste containers **SHALL** be visually inspected upon arrival (before the TRU Waste Containers are placed in storage) to ensure that the TRU Waste Containers satisfy the following minimum performance criteria:
  - **($)** Verify that the TRU Waste Container is of non-combustible construction (top, bottom, and sides) and is of a design that has had a prototype satisfy the free-drop tests specified in 49 CFR 173.465(c)(1). (SAC 5.10.2.3.1)
    - P&T-WI-001, TSD Authorized Shipper/Transfer Evaluator Instructions, include verifications that the outer container has been purchased to Los Alamos National Laboratory (LANL) Packaging and Transportation Program Criteria or outer containers not purchased to the criteria have documentation attesting to the qualification of the packaging for its intended use. WCRRF personnel **SHALL** verify that all containers received are listed on Attachment 2 – Traveler, of P&T-WI-001, and that the containers were transferred from TA-54 Area G.
  - **($)** Verify that the TRU waste containers are integral and show no signs of degradation. (SAC 5.10.2.3.2.a)
  - **($)** Verify that the TRU waste containers are equipped with WIPP-approved filtered vents, and the vents are free of obvious obstructions. (SAC 5.10.2.3.3)
  - **($)** Verify receipt documentation indicating that the headspace gas concentration of the received 55-gal drums has been performed and is < 4% (40,000) for Hydrogen and < 8,000 ppm for VOCs, and that the 55-gal drums are equipped with WIPP-approved filtered vents, and the vents are free of obstructions. (SAC 5.10.2.3.4.a)
  - **($)** For Sampling performed by Central Characterization Project (CCP) personnel using Gas Chromatography the hydrogen limit is 3.2% (32,000 ppm) for Hydrogen and 7,000 ppm for VOCs. (SAC 5.10.2.3.4.a)
  - **($)** Verify receipt documentation indicating that each overpack above a 55-gal drum, not the outermost overpack, must also have a WIPP-approved filter installed which is free of any obvious obstructions. (SAC 5.10.2.3.4.b)

3. PRECAUTIONS AND LIMITATIONS (continued)

- Waste drums (with waste) and Pipe Overpack Containers (POC) (with and without waste) **SHALL** be lifted (e.g., onto pallets and drum dollies) using a drum grabber and not manipulated by hand in order to reduce the possibility of personnel injury and waste container damage due to a dropped or falling waste container. A mechanical lifting device (e.g., drum carts) **SHALL** be used to manipulate drums inside the transport vehicle to an area where the drums can be reached with a drum grabber.

- The most current list of Waste Isolation Pilot Plant (WIPP)-approved filtered vents are listed in DOE/WIPP 11-3384, CBFO Approved Filter Vents.

(CS) **NOTE 1** *(*) In accordance with SAC 5.10.2.2 drums are not permitted to be stacked at WCRRF and therefore the array of drums in the following description is limited to one drum high as opposed to the three high stacks of drums allowed by NCS-CSLA-10-131.*

(CS)

- **($) (*)** Drums with a FGE content of greater than 200 FGE Pu-239 but less than or equal to 300 FGE Pu-239 (high-FGE) **SHALL** not be placed in an array (of drums) greater than 5 by 5 by 1 and each high-FGE array of drums **SHALL** be separated from other arrays of waste containers with fissile material by greater than or equal to 10 ft. Additionally, during the movement of drums that contain greater than 200 FGE but less than or equal to 300 FGE the drums **SHALL** remain greater than or equal to 10 ft from other arrays of waste containers with fissile material except when adding or removing the drums to/from an array. When moving drums with a FGE content of less than 200 FGE the drums **SHALL** remain greater than or equal to 10 ft from high-FGE drum arrays except when adding or removing the drums to/from the array. Drums with less than 200 FGE and SWBs with less than or equal to 350 FGE may be comingled with drums containing greater than 200 FGE. Other compliance requirements (e.g., RCRA and MAR) may limit the total number of 55-gal drums. (NCS-CSLA-10-131 and SAC 5.10.2.2)

- The WCATS mobile device wireless capability has not been activated at WCRRF and therefore the WCATS mobile device must be placed in a cradle in order to Syncronize and update with the WCATS database.

3. PRECAUTIONS AND LIMITATIONS (continued)

- The inventory **SHALL** satisfy the following requirements:
  - **($)** Building TA-50-69 less than or equal to 800 PE-Ci of EQUIVALENT COMBUSTIBLE WASTE. (LCO 3.1)
  - **($)** WCRRF less than or equal to 1,800 PE-Ci. (LCO 3.1)

- The following MAR Administrative Limits have been established at WCRRF:
  - Building TA-50-69 less than or equal to 720 PE-Ci of EQUIVALENT COMBUSTIBLE WASTE.
  - WCRRF less than or equal to 1,620 PE-Ci.

- Waste containers are physically transferred after the moves have been electronically accepted in the WCATS database. If a physical transfer is postponed or does not take place for any reason after electronic processing in WCATS, then the individual who performed the WCATS task must REVOKE their signature in WCATS to cancel the move in WCATS.

- WCATS is designed to a provide functionality allowing any task performed on the WCATS mobile device to be conducted from the WCATS desktop application. The feature provides additional methods in the event the WCATS mobile device becomes inoperable or malfunctions

- The Class 2 laser scanning head on the WCATS mobile device can cause eye injury if the eye is exposed to the beam. Do not allow eyes of user or observers to become exposed to the beam.

- The WCATS mobile device contains lithium-ion battery. The operating temperature recommendation for the Workabout Pro 3 (WCATS mobile device) is from -4 degrees F to 122 degrees F. Do not store the WCATS mobile device where temperatures are less than -40 °F or greater than 140 °F. Exposure to extreme temperatures (greater than 140 °F) may cause battery to explode. Keep mobile device out of direct sunlight for extended periods of time when not in use. Do not incinerate, mutilate, short circuit, or disassemble the battery pack. Do not dispose of in municipal waste receptacles. Dispose of in properly marked universal waste disposal areas.

- If WCATS should become inoperable, before performing MAR related activity, the operator will notify supervisor and notify the WCRRF Operations Center and Shift Operations Manager (SOM) for guidance and direction.

3. PRECAUTIONS AND LIMITATIONS (continued)

- All critical lift plans executed by LANL personnel **SHALL** be developed using Attachment B, LANL Critical Lift Plan, of P101-25, Cranes, Hoists, Lifting Devices, and Rigging Equipment.

- The instructions in this procedure satisfy the P101-25 ordinary lift requirements and the use of LANL Form 1611, Ordinary Lift Procedure, is not required. Not all of the items listed on Form 1611 are captured in this procedure because this procedure is performed using gantry cranes and forklifts in preapproved locations and lifts standard waste containers of a known size and volume.

- Forklift operations are governed by the LANL procedure P101-4, Forklift and Powered Industrial Trucks. P101-4 requires the completion of the applicable sections of a LANL procedure P101-25 Attachment B for critical lifts involving a forklift or powered industrial truck. Forklift operations not involving a critical lift (e.g., load suspended below the forks of the forklift) are not required to comply with the requirements of P101-25.

- Support Services Subcontractors executing this procedure SHALL comply with the safety and health requirements documented in contractual agreements with the LANL.

- A Physical TRU Waste Inventory may be performed at WCRRF any time during the performance of this procedure at the discretion of the Shift Operations Manager (SOM) for the purpose of verifying the TRU waste inventory is accurate and complete using the WCATS printout information provided from WCATS for TA-50-69 complex.

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4. PREREQUISITE ACTIONS

NOTE *Prerequisite actions may be performed in any order or concurrently.*

4.1 Planning and Coordination

Supervisor or designee

[1] **ENSURE** that the procedure is the latest revision, and **IDENTIFY** this document as Working Copy or Information Only on the Title Page.

[2] **ENSURE** that the performance of this procedure has been scheduled on the WCRRF schedule.

[3] **ENSURE** that a Radiological Work Permit (RWP) has been issued for the planned activity.

[4] **ENSURE** that a pre-evolution briefing is conducted and documented for all personnel involved in the performance of this procedure in accordance with EP-DIV-AP-0112, EWMO Pre-Job Briefings.

[5] **ENSURE** that, as a minimum, the following personnel trained in the use of this procedure are available for performance of this procedure, as required:

- One Radiological Control Technicians (RCTs)
- One Waste Handling Technicians
- One Supervisor or designee
- One person trained to WCATS

[6] **($) IF** performing Section 5, Receiving Waste Containers,
THEN ENSURE that WCRRF is in the OPERATION MODE in accordance with EP-WCRR-FO-DOP-0201, WCRRF and Building TA-50-69 TSR Mode Change, and **CHECK** (√) YES or NO for the results on Attachment 1, WCRRF Waste Container Receipt Data Sheet. (TSR 1.2)

4.1 Planning and Coordination (continued)

[7] **($) IF** performing Section 6, Moving Waste Container,
THEN ENSURE that WCRRF and Building TA-50-69 are in the OPERATION or WARM STANDBY MODE in accordance with EP-WCRR-FO-DOP-0201, and **CHECK** (√) YES or NO for the results on Attachment 2, WCRRF Waste Container Intra-Facility Transfer Data Sheet. (TSR 1.2)

[8] **($) IF** performing Section 7, Transferring Waste Container,
THEN ENSURE that WCRRF is in the OPERATION or WARM STANDBY MODE in accordance with EP-WCRR-FO-DOP-0201, and **CHECK** (√) YES or NO for Attachment 3, Inter-Facility Transfer Outside WCRRF Data Sheet. (TSR 1.2)

4.2 Performance Documents

Waste Handling Technicians or Supervision

[1] **ENSURE** that the following documents are available, as required:

- P&T-WI-001, TSD Authorized Shipper/Transfer Evaluator Instructions; Attachment 2, Traveler
- Operations Support Packaging and Transportation (OS-PT) Waste Manifest (e.g., OS-PT Waste Container Tracking Form for TRU-Transfer)
- Uniform Hazardous Waste Manifest (EPA Form 8700-22), hazardous waste only
- LANS LLC Shipping Form, non-hazardous waste only
- Waste Remediation Safety Evaluation Data Sheets

4.3 Materials and Equipment

4.3.1 Special Tools and Equipment

Waste Handling Technicians or Supervision

[1] **ENSURE** that the following special tools and equipment are available, as required:

- Personal protection equipment (PPE) as required by the RWP and IWD
- Cut resistant (e.g., leather or leather palm mechanic) gloves for drum handling
- Safety shoes at all times
- Drum lifting fixture or non-forklift drum-handling device (e.g., parrot beak)
- Hard hat
- WCATS mobile device

4.4 Field Preparations

Waste Handling Technicians or Supervision

[1] **OBTAIN** permission from the WCRRF Operations Center to perform a waste material manipulation at WCRRF and/or Building TA-50-69, and **CHECK** (√) YES or NO for the permission on the applicable attachment.

NOTE *Receiving waste containers into Building TA-50-69 from outside of WCRRF Site is a two stage process. Waste containers must first be accepted at the WCRRF Site in accordance with Section 5, Receiving Waste Containers and then moved into Building TA-50-69 in accordance with Section 6, Moving Waste Containers.*

[2] **IF** receiving waste containers from a location outside of WCRRF,
THEN ENSURE that the destination location where the waste containers are to be stored has been identified.

[3] **IF** using industrial equipment to handle waste containers,
THEN ENSURE that inspections are performed and documented in accordance with EP-DIV-DOP-20086, EWMO Division Specific Forklift and Drum Handler Equipment Operations.

[4] **ENSURE** that all Prerequisite Actions are complete, and **CHECK** (√) YES or NO on the applicable attachment.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS

This section is a stand-alone section and may be performed independently of or in conjunction with other Performance sections.

This section provides instructions for receiving waste containers into WCRRF from a location outside of WCRRF.

NOTE 1 *Only one copy of Page 1 of Attachment 1, WCRRF Waste Container Receipt Data Sheet, is to be completed for each waste container receipt activity regardless of the number of waste containers received.*

NOTE 2 *Radiological surveys may be performed as determined necessary [e.g., by an RP representative (e.g., RCT)] any time during the performance of this procedure.*

NOTE 3 *All Manual drum movement will be performed in accordance with Appendix 1, Manual Drum Movements Special Instructions and EP-DIV-Policy-20057, EWMO Health and Safety Policy-Manual Movement*

Supervisor or designee

[1] **ENSURE** that the prerequisites have been completed.

NOTE 1 *The transportation vehicle (trailer) may be used to block the entrance to WCRRF when loading or unloading the trailer.*

NOTE 2 *When <u>not</u> loading or unloading the transportation vehicle the vehicle access gate **SHALL** be secured.*

[2] **($) ENSURE** that the transport vehicle/trailer carrying the TRU waste containers is positioned at WCRRF so that it blocks the entrance of the WCRRF gate, and **CHECK** (√) YES or NO for the transport/trailer vehicle position on Attachment 1.
(SAC 5.10.1.4.2)

[3] **ENSURE** that the WCRRF Operations Center are notified that the transport vehicle carrying TRU waste containers has arrived at the WCRRF.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

OS-PT Personnel

[4] **IF** the tractor is to be disconnected from the trailer,
THEN:

[A] **DISCONNECT** the tractor from the trailer in accordance with an approved OS-PT process (e.g., set parking brake and chock wheels).

[B] **MOVE** the tractor away from the trailer.

Supervisor or designee

[C] **WHEN** the trailer is to be unloaded,
THEN GO to Step 5.[7].

[5] **ENSURE** that the transport vehicle driver has removed the ignition key from the ignition of the transport vehicle, set the transport vehicle parking brake, and chocked the wheels, and **CHECK** (√) YES, NO, or N/A for the transport vehicle status on Attachment 1.

[6] **ENSURE** that the keys to the transport vehicle are in the WCRRF Operations Center until the transfer has been accepted, and **CHECK** (√) YES, NO, or N/A for the transport vehicle key status on Attachment 1.

WARNING

Leather or leather-palmed gloves SHALL be worn when working with the cable barrier in order to prevent hand injury.

CAUTION

Operators SHALL use care when working with the vehicle barrier gate to avoid dropping or dragging the wire rope across the ground, which may result in damage to the wire rope (e.g., broken strands).

Waste Handling Technician

[7] **OPEN** the vehicle barrier gate as follows:

[A] **OBTAIN** permission from WCRRF operations center to open the vehicle barrier gate and **DISCONNECT** the shackles associated with the Removable Cable Barrier.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

[B] **MOVE** the Cable Support Stand such that the rear of the transport vehicle can be safely accessed, and **CHECK** (√) YES or NO to document that the shackles have been disconnected on Attachment 1.

[8] **ENSURE** that the rear doors of the transport vehicle are opened to gain access to the waste containers and that the transport vehicle doors are secured.

[9] **ENSURE** that any devices securing (e.g., ratchet straps) the waste containers have been removed from the waste containers.

[10] **REQUEST** an RCT to perform a radiological survey, as applicable, and **CHECK** (√) YES or NO to document the completion of the radiological surveys on Attachment 1.

[11] **IF** radiological contamination is detected,
THEN follow the instructions of the RCT.

NOTE 1 *The TEST EXECUTE function is not the final acceptance of the WCRRF inter-facility pickup. The final acceptance is performed in Step 5.[32].*

NOTE 2 *When the TEST EXECUTE is performed using the WCATS mobile device, the documentation will be recorded in the edit log for the Task ID when the WCATS mobile device is synchronized.*

WCRRF Production Control

[12] **($) PERFORM** a "TEST EXECUTE" using the WCATS Mobile Device to verify that the inter-facility pickup will **NOT** exceed the SR 4.1.2:
- VERIFY WCRRF INVENTORY will remain ≤ 1,800 PE-Ci. (SR 4.1.2)

[13] **IF** WCATS mobile device is not available,
THEN:

[A] **PERFORM** a "TEST EXECUTE" using the WCATS desktop application.

[B] **DOCUMENT** in comments sections of the applicable attachments (Attachment 1 or 2)

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

[14] **IF** TEST EXECUTE results display a failed status,
THEN:

[A] **SUSPEND** the inter-facility pickup,

[B] **NOTIFY** the WCRRF Operations Center, SOS and SOM for guidance and direction.

[15] **IF** the test execute displays a warning indicating MAR administrative levels have been exceeded,
THEN NOTIFY the WCRRF Operations Center and the SOM for guidance and direction.

[16] **NOTIFY** the WCRRF Operations Center that the test execute has been completed..

Waste Handling Technician

[17] **($) DOCUMENT** the TEST EXECUTE completion on Attachment 1. (SR 4.1.2)

[18] **RECORD** the WCATS Task Identification Number on Attachment 1.

[19] **OBTAIN** a copy of the Shipment or Transfer Pickup Report from the WCATS desktop application for the pickup and **RECORD** the following waste container information on Attachment 1 of this procedure for the waste container:

- Waste Container Identification Number
- Overpack configuration

NOTE *The WCRRF limit for hydrogen is 4% (40,000 ppm) which has been reduced by 20% or in other words reduced to 3.2% (32,000 ppm) in order to account for instrument tolerances.*

[20] **($) VERIFY** that a Hydrogen and VOC sample has been analyzed for the waste container and that the results of this sample are less than 3.2% (< 32,000 ppm) for hydrogen and less than 7,000 ppm for VOCs, and **CHECK** (√) YES or NO on Attachment 1. (SAC 5.10.2.3.4.a)

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

NOTE *The waste container Transfer Number can be found on the Attachment 2, Traveler, of P&T-WI-001.*

[21] **COMPARE** the waste container received against the WCATS mobile device and/or the Shipment or Transfer Pickup Report from the WCATS desktop application, and the Uniform Hazardous Waste Manifest (EPA Form 8700-22) (hazardous waste only); LANS LLC Shipping Form (non-hazardous waste only), and **CHECK** (√) YES or NO for the comparison on
Attachment 1.

[22] **($) DETERMINE** whether the waste container is listed on Attachment 2, Traveler, of P&T-WI-001 and whether the waste containers were transferred from TA-54 Area G (upper left block of Attachment 2, Traveler of P&TWI-001), and **CHECK** (√) YES or NO for the determinations on Attachment 1. (SAC 5.10.2.3.1)

[23] **($) DETERMINE** whether the waste container is equipped with a WIPP-approved filtered vent and that the WIPP-approved filtered vent is free from obvious obstruction, and **CHECK** (√) SAT or UNSAT for a WIPP-approved filtered vent on Attachment 1. (SAC 5.10.2.3.3)

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[24] **IF** the inter-facility pickup contains 85-gal containers,
THEN DETERMINE whether the 85-gal container is equipped with one of the following filters and **CHECK** Yes or No on Attachment 1:

- NUCFIL-08DS
- NUCFIL-7DS

[25] **IF** an 85-gal container is equipped with one of the following filters listed in Step 5.[24], **THEN:**

[A] **SUSPEND** receiving waste containers.

[B] **NOTIFY** the WCRRF Operations Center and the WCRRF SOM for guidance, and direction.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

[26] **($) CONDUCT** an integrity inspection of the waste container using the following criteria, and **CHECK** (√) SAT or UNSAT for the inspection on Attachment 1: (SAC 5.10.2.3.2)

- No obvious signs of degradation (i.e., no clearly visible and potentially significant defects)
- No evidence that container is, or has been, pressurized (i.e., no expansion of sidewalls, bottom, or top, and no warping)
- No potentially significant rust or corrosion such that wall thinning, pinholes, or breaches are likely or load bearing capacity is suspect (i.e., no caked layers or deposits of rust and no rust present in the form of deep metal flaking or built-up areas of corrosion products)
- No split seams, tears, obvious holes, punctures (of any size), creases, broken welds or cracks (i.e., no obvious leaks, holes or openings, cracks, deep crevices, creases, tears, broken welds, sharp edges or pits, are either breached or on the verge of being breached)
- Container is properly closed (i.e., no fastener or locking ring damage or excessive corrosion and fastener and jam nut properly aligned)
- No dents, scrapes, or scratches that make container's structural integrity questionable or prevent top and bottom surfaces from being parallel (i.e., no deep gouges, scratches, or abrasions over wide areas, top and bottom surfaces not parallel, or large-deep dents)
- No discoloration indicating leakage or other evidence of leakage from container (i.e., no evidence of leakage at penetrations, welds, seams, or intersections of one or more metal sheets or plates)
- Container is <u>not</u> bulged (i.e., no expansion of sidewalls, bottom, or top, no protrusion of the side wall beyond a line connecting the peaks of the surrounding rolling hoops or bottom/top ring, or no deformation of the rolling hoop)

[27] **IF** UNSAT or NO was checked (√) for any of the inspections in Steps 5.[19] through 5.[26],
THEN:

[A] **STOP** the work activity.

[B] **NOTIFY** the WCRRF Operations Center or supervision of the discrepancy, and **REQUEST** the applicable actions.

[C] **MARK** (e.g., label or permanent marker) and **SEGREGATE** the waste container from the other waste containers, if possible.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

[D] **REJECT** container.

[E] **INITIATE** an NCR in accordance with P330-6, as required.

NOTE *Rejected containers may be placed in a SAFE CONFIGURATION and temporarily stored until arrangements are finalized to return the rejected container to the originator.*

[F] **NOTIFY WCRRF** production control to generate an INTER-FACILITY SHIPMENT for the rejected waste containers.

[G] **CONTACT** shipper and OS-PT about deficiency.

NOTE *Rejected containers must be sent back using the WCATS INTER-Facility Transfer process as defined in Section 7 of this procedure.*

[H] **NOTIFY** the WCRRF Operations Center and the SOM for guidance and direction.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

WARNING

1. **At no time is any individual permitted to place any portion of the body under a suspended load in order to prevent personnel injury.**

2. **Proper lifting techniques and the buddy system are to be employed when performing heavy lifting or movements in order to prevent personnel injuries.**

3. **Operators may slide drums across even surfaces within a transport vehicle based on the individual's physical capability and provided minimal exertion is required in order to prevent personnel injuries.**

4. **A mechanical lifting device (e.g., drum carts) SHALL be used to manipulate drums inside the transport vehicle to an area where the drums can be reached with a drum grabber in order to prevent personnel injuries. Operators may slide drums across even surfaces within a transport vehicle based upon the individual's physical capability and provided minimal exertion is required in order to prevent personnel injuries.**

[28] **REMOVE** the TRU waste container from the transport vehicle, one at a time, using the following applicable method:

- A drum grabber
- Using a forklift for SWBs

[29] **REPEAT** Steps 5.[19] through 5.[28] until all of the waste containers listed on Attachment 2, Traveler, of P&T-WI-001 and the WCATS mobile device or the Shipment or Transfer Pickup Report from the WCATS desktop application have been removed from the transport vehicle.

NOTE *Communications should include the WCATS Task Identification Number in order to ensure that all individuals communicating are referring to the same waste containers.*

[30] **ENSURE** that the WCRRF Operations Center has been notified that all of the waste containers listed on Attachment 2, Traveler, of P&T-WI-001 have been accepted into WCRRF, and **CHECK** (√) YES or NO for the inspection on Attachment 1.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

[31] **RECORD** the page number and total number of pages on each Attachment 1 page completed.

[32] **SYNCHRONIZE** the WCATS mobile device by placing the WCATS mobile device in a docking cradle as applicable.

[33] **($) COMPLETE** the INTER-FACILITY PICKUP (2nd signature) to accept the pickup using WCATS mobile device or desktop application. (SR 4.1.2)

[34] **SYNCHRONIZE** the WCATS mobile device by placing the WCATS mobile device in a docking cradle as applicable.

[35] **GENERATE** a paper copy of the INTER-FACILITY PICKUP using WCATS desktop application and **FORWARD** to the WCRRF Operations Center for documentation of transaction.

NOTE *The following step to move waste containers into Building TA-50-69 and the remainder of this section to secure the transportation vehicle and vehicle access gate may be performed concurrently.*

[36] **IF** the waste containers are to be moved into Building TA-50-69,
THEN:

[A] **MOVE** the waste containers into Building TA-50-69 in accordance with Section 6, Waste Container INTRA-FACILITY TRANSFER.

[B] **GO** to Step 5.[38].

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

NOTE 1 *Waste containers with liquids (any amount or configuration) that have not been solidified (absorbed) must be managed on secondary containment pallets.*

(CS)

NOTE 2 *(*) Based on criticality safety requirements (NCS-CSLA-10-131), the most limiting array of waste containers are high-FGE 55-gal and larger drums (greater than 200 FGE but less than or equal to 300 FGE). The maximum array of high-FGE drums is 5 by 5 by 3, which must be maintained greater than or equal to 10 ft from any other array of waste containers with fissile material. This criticality safety limitation combined with the TSR requirement (SAC 5.10.2.2) that waste containers may not be stacked results in a maximum array of high-FGE drums of 5 by 5 by 1. Therefore within a transportainer any array of drums containing a high-FGE drum may be five drums deep, no more than five drums wide (as permitted by the transportainer width), and must be separated from the next array of drums by greater than or equal to 10 ft. (NCS-CSLA-10-131)*

[37] **MOVE** the waste containers to the designated transportainer using a forklift and into the designated transportainer using a drum grabber in accordance with Section 6.

NOTE *The transportainer doors may remain open and N/A may be checked (√) for the following step when performing multiple transportainer operations simultaneously (e.g., receiving waste containers while moving waste containers into Building TA-50-69).*

[38] **($) ENSURE** that the transportainer doors are CLOSED and LATCHED, and **CHECK** (√) YES, NO, or N/A for the transportainer doors closure on Attachment 1. (SAC 5.10.2.4)

[39] **ENSURE** that the waste container movement has been recorded into the applicable location TSD Logbook (e.g., transportainer or Building TA-50-69), and **CHECK** (√) YES or NO for the TSD Logbook entry on Attachment 1.

[40] **ENSURE** that a radiological survey of the transport vehicle is completed before closing the rear doors of the transport vehicle), and **CHECK** (√) YES or NO for the completion of the transport vehicle radiological survey on Attachment 1.

[41] **ENSURE** that the rear doors of the transport vehicle are closed in order to permit restoration of the Vehicle Barrier, and **CHECK** (√) YES or NO for the rear doors of the transport vehicle being closed on Attachment 1.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

WARNING

Leather or leather-palmed gloves SHALL be worn when working with the cable barrier in order to prevent hand injury.

CAUTION

Operators SHALL use care when working with the vehicle barrier gate to avoid dropping or dragging the wire rope across the ground, which may result in damage to the wire rope (e.g., broken strands).

[42] **($) RESTORE** the vehicle access gate as follows, and **CHECK** (√) YES or NO for each of the following vehicle access gate restoration steps on Attachment 1: (SAC 5.10.1.4.1)

[A] **RESTORE** the cable-support stands, and **SECURE** the access gate shackles.

[B] **ENSURE** that all cable-support stands are within the designated (painted) area.

[C] **ENSURE** that ingress and egress points are free of obstructions.

NOTE *The following two steps may be performed out of sequence in order to allow the transport vehicle to be removed at a time that is operationally convenient*

OS-PT Personnel

[43] **IF** the tractor was disconnected from the trailer,
THEN:

[A] **ATTACH** the tractor to the trailer in accordance with approved OS-PT process.

5. PERFORMANCE—RECEIVING WASTE CONTAINERS (continued)

[B] **REQUEST** the transport vehicle driver un-chock the wheels, release the parking break, and remove the transport vehicle.

Supervisor or designee

[C] **GO** to Step 5.[44].

OS-PT Personnel

[44] **OBTAIN** the transport vehicle keys from the WCRRF Operations Center, and **REQUEST** the transport vehicle driver un-chock the wheels, release the parking break, and remove the transport vehicle.

Supervisor or designee

[45] **ATTACH** a copy of the EPA Form 8700-22 (non-hazardous waste only), LANS LLC Shipping Form (non-hazardous waste only), and/or P&T-WI-001 Attachment 2 to Attachment 1 of this procedure.

[46] **DOCUMENT** the completion of the waste container receipt by signing and dating on the Attachment 1.

6. PERFORMANCE—WASTE CONTAINER INTRA-FACILITY TRANSFER

This section is a stand-alone section and may be performed independently of or in conjunction with other Performance sections.

This section provides instructions for moving waste containers between the transportainers and Building TA-50-69 at the WCRRF.

NOTE 1 *Only one copy of Attachment 2, WCRRF Waste Container Intra-Facility Transfer Data Sheet, is to be completed for each waste container movement activity regardless of the number of waste containers moved.*

NOTE 2 *Radiological surveys may be performed as determined necessary [e.g., by an RP representative (e.g., RCT)] any time during the performance of this procedure.*

NOTE 3 *All manual drum movement will be performed in accordance with Appendix 1, and EP-DIV-Policy-20057, EWMO Health and Safety Policy-Manual Movement.*

Supervisor or designee

[1] **ENSURE** that the prerequisites have been completed.

WCRRF Production Control

[2] **IF** performing an INTRA-FACILITY TRANSFER from the transportainers (i.e., 75 and 194) to Building 50-69,
THEN GENERATE a list of waste containers for the intra-facility transfer using WCATS desktop application

NOTE *A test execute is <u>not</u> required when performing an INTRA-FACILITY transfer from TA-50-69 to the transportainers (e.g., 75 and 194).*

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[3] **($) PERFORM** a "TEST EXECUTE" as applicable to verify the waste containers will **NOT** exceed the WCRRF TA-50-69 inventory for SR 4.1.1 using WCATS mobile device.

[4] **IF** TEST EXECUTE results display a fail status,
THEN:

[A] **RECONFIGURE** waste container batch.

[B] **REPEAT** Step 5.[3].

6. PERFORMANCE—WASTE CONTAINER INTRA-FACILITY TRANSFER (continued)

[5] **IF** the test execute displays a warning indicating MAR administrative levels have been exceeded,
THEN NOTIFY the WCRRF Operations Center and the SOM for guidance and direction.

[6] **NOTIFY** the WCRRF Operations Center that text execution has been completed.

Waste Handler Two

[7] **($) DOCUMENT** the TEST EXECUTE completion on Attachment 2. (SR 4.1.1)

[8] **OBTAIN** a Shipment or Transfer Pickup Report of the waste containers selected for the intra-facility transfer from WCRRF Production control.

Waste Handler

[9] **SYNCHRONIZE** the WCATS mobile device by placing the WCATS mobile device in a docking cradle as applicable.

WARNING

"Chandeliers" are attached to waste containers with a radiation dose of greater than or equal to 5 mrem/hr at 30 cm and an RCT is required to be present when handling these waste containers in order to reduce the potential radiation exposure to the operators and co-workers.

[10] **PHYSICALLY LOCATE** the waste containers identified by the SOS or SOM in the transportainers (TA-50-75, and TA-50-194) to be moved using the containers numbers provided from the WCATS mobile device INTRA-FACILITY TRANSFER (Move Request, Pending Moves, or Resume Task) or Shipment or Transfer Pickup Report from the WCATS desktop application, and **RECORD** the waste container numbers on Attachment 2.

WCRRF Waste Handler Two

[11] **VERIFY** the physical waste container and IDs to the WCATS mobile device or Shipment or Transfer Report and **DOCUMENT** on Attachment 2.

WCRRF Waste Handler/Production Inventory

[12] **($) PERFORM** an INTRA-FACILITY TRANSFER using the WCATS mobile device scanning the waste container labels or using the WCATS desktop application. (SR 4.1.1)

6. PERFORMANCE—WASTE CONTAINER INTRA-FACILITY TRANSFER (continued)

WARNING

1 At no time is any individual permitted to place any portion of the body under a suspended load in order to prevent personnel injury.

2. POC assemblies (with or without waste) and waste drums (with waste) SHALL be lifted (e.g., onto pallets and drum dollies) using a drum grabber and not manipulated by hand in order to reduce the possibility of personnel injury and waste container damage due to a dropped or falling waste container.

Waste Handling Technician

[13] **($) LOAD** identified containers on a pallet or drum dolly as desired using an electric forklift. (SAC 5.10.1.1)

[14] **SYNCHRONIZE** the WCATS mobile device by placing the WCATS mobile device in a docking cradle as applicable.

WARNING

Failure to remove waste containers from the travel path of the Roll-up Doors could result in damage to the Roll-up Door or the breach of a waste container resulting in a radiological contamination release.

[15] **IF** handling liquid hazardous drums into TA-50-69,
THEN ENSURE that the drums are placed on a secondary containment pallet in accordance with the following criteria:

- maximum of two drums if prepped
- maximum four drums if not prepped

[16] **($) MOVE** the waste containers to the desired location (i.e., Transportainer TA-50-75 or TA-50-194 or Building TA-50-69), ensuring that the following are satisfied, and **CHECK** (√) YES or NO for each of the following on Attachment 2. (LCO 3.3.1.3)

- **($)** Either the Building TA-50-69 Inner Roll-up Door or the Outer Roll-up Door remains closed during the movement within Building TA-50-69. (LCO 3.3.1.3)

6. PERFORMANCE—WASTE CONTAINER INTRA-FACILITY TRANSFER (continued)

- All items (e.g., waste containers) have been removed from the Roll-up Door painted boundary before the closing the Roll-up Door.

WARNING

POC assemblies SHALL be lifted (e.g., onto pallets and drum dollies) using a drum grabber and not manipulated by hand in order to reduce the possibility of personnel injury and POC damage due to a dropped or falling POC.

NOTE *Waste containers with liquids (any amount or configuration) that have not been solidified (absorbed) must be managed (stored) on secondary containment pallets.*

[17] **POSITION** the waste containers at the designated staging area within the desired location (i.e., Transportainer TA-50-75 or TA-50-194 or Building TA-50-69) using an electric forklift.

(CS)

NOTE *(*) Based on criticality safety requirements (NCS-CSLA-10-131), the most limiting array of waste containers are high-FGE 55-gal and larger drums (greater than 200 FGE but less than or equal to 300 FGE). The maximum array of high-FGE drums is 5 by 5 by 3, which must be maintained greater than or equal to 10 ft from any other array of waste containers with fissile material. This criticality safety limitation combined with the TSR requirement (SAC 5.10.2.2) that waste containers may not be stacked results in a maximum array of high-FGE drums of 5 by 5 by 1. Therefore within a transportainer any array of drums containing a high-FGE drum may be five drums deep, no more than five drums wide (as permitted by the transportainer width), and must be separated from the next array of drums by greater than or equal to 10 ft. (NCS-CSLA-10-131)*

[18] **MOVE** the waste container to the desired location (i.e., Transportainer or Building TA-50-69 storage), as necessary.

6. PERFORMANCE—WASTE CONTAINER INTRA-FACILITY TRANSFER (continued)

NOTE *The transportainer doors may remain open and N/A may be checked (√) for the following step when performing multiple transportainer operations simultaneously (e.g., receiving waste containers while moving waste containers into Building TA-50-69).*

[19] **($) WHEN** all of the waste container movements involving the transportainer (i.e., TA-50-75 or TA-50-194) have been completed,
THEN CLOSE and **LATCH** the transportainer doors, and **CHECK** (√) YES, NO, or N/A for the transportainer doors on Attachment 2. (SAC 5.10.2.4)

[20] **ENSURE** that the waste container movement has been recorded in the applicable location TSD Logbook (e.g., transportainer or Building TA-50-69), and **CHECK** (√) YES or NO for the TSD Logbook entry on Attachment 2.

[21] **WHEN** the waste container movement is complete,
THEN NOTIFY the WCRRF Operations Center of the completed waste container movement, and **CHECK** (√) YES or NO on Attachment 2.

[22] **DOCUMENT** the completion of the waste container movement by signing and dating on Attachment 2.

[23] **GENERATE** the latest Inventory report from WCATS desktop and maintain report at WCRRF Operations Center.

[24] **IF** the intra-facility transfer was postponed or canceled,
THEN REVOKE the INTRA-FACILITY TRANSFER using the WCATS mobile device or desktop application.

7. PERFORMANCE—INTER-FACILITY TRANSFER OUTSIDE WCRRF

This section is a stand-alone section and may be performed independently of or in conjunction with other Performance sections.

This section provides instructions for transferring waste containers to locations outside of WCRRF.

NOTE 1 *Only one copy of Attachment 3, Inter-Facility Transfer Outside WCRRF Data Sheet, is to be completed for each waste container transfer activity regardless of the number of waste containers transferred.*

NOTE 2 *Radiological surveys may be performed as determined necessary [e.g., by an RP representative (e.g., RCT)] any time during the performance of this procedure.*

NOTE 3 *All manual drum movement will be performed in accordance with Appendix 1, and EP-DIV-Policy-20057, EWMO Health and Safety Policy-Manual Movement.*

Supervisor or designee

[1] **ENSURE** that the applicable prerequisites have been completed.

[2] **ENSURE** that a radiological survey has been conducted on each waste container in order to permit the waste containers to exit the facility, and **REQUEST** an RCT perform radiological surveys, as required, and **CHECK** (√) YES or NO on Attachment 3.

[3] **IF** radiological contamination is detected,
THEN follow the instructions of the RCT and RWP.

NOTE *TRU Waste Storage Records (TWSR) are initiated as part of the waste remediation process in WCRRF.*

Production Inventory Control

[4] **ENSURE** that the TWSR for each waste container to be transferred has been completed.

[5] **GENERATE** a list of waste containers to be transferred (e.g., email).

[6] **REQUEST** that the SOS or SOM review, edit, and approve the list of waste container to be transferred.

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7. PERFORMANCE—INTER-FACILITY TRANSFER OUTSIDE WCRRF (continued)

WCRRF SOS or SOM

[7] **NOTIFY** the Production Inventory Personnel that the list of waste containers, as modified, if necessary may be transferred.

[8] **NOTIFY** the OS-PT personnel that there are TWSRs ready for pickup and to generate a manifest.

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[9] **(S) ENSURE** that the transport vehicle is positioned at WCRRF so that it blocks the entrance of the WCRRF gate, and **CHECK** (√) YES or NO for the transport vehicle location on Attachment 3. (SAC 5.10.1.4.2)

[10] **IF** the tractor was disconnected from the trailer,
THEN GO to Step 7.[13].

[11] **ENSURE** that the transport vehicle driver has removed the ignition key from the ignition of the transport vehicle, set the transport vehicle parking brake, and chocked the wheels, and **CHECK** (√) YES or NO for the transport vehicle status on Attachment 3.

[12] **ENSURE** that the keys to the transport vehicle are in the WCRRF Operations Center until the transfer is completed, and **CHECK** (√) YES or NO for the vehicle key status on Attachment 3.

7. PERFORMANCE—INTER-FACILITY TRANSFER OUTSIDE WCRRF (continued)

WARNING

Leather or leather-palmed gloves SHALL be worn when working with the cable barrier in order to prevent hand injury.

CAUTION

Operators SHALL use care when working with the vehicle barrier gate to avoid dropping or dragging the wire rope across the ground, which may result in damage to the wire rope (e.g., broken strands).

Waste Handler

[13] **ENSURE** that the rear doors of the transport vehicle are opened to gain access.

[14] **OPEN** the vehicle barrier gate as follows:

[A] **OBTAIN** permission from WCRRF operations center to open the vehicle barrier gate and **DISCONNECT** the shackles associated with the Removable Cable Barrier.

[B] **MOVE** the Cable Support Stand such that the rear of the transport vehicle can be safely accessed, and **CHECK** (√) YES or NO to document that the shackles have been disconnected on Attachment 3.

[15] **REQUEST** an RCT to perform a radiological survey, as applicable, and **CHECK** (√) YES or NO for the completion of the radiological surveys on Attachment 3.

[16] **IF** radiological contamination is detected,
THEN follow the instructions of the RCT and RWP.

7. PERFORMANCE—INTER-FACILITY TRANSFER OUTSIDE WCRRF (continued)

WARNING

Failure to remove waste containers from the travel path of the Roll-up Doors could result in damage to the Roll-up Door or the breach of a waste container resulting in a radiological contamination release.

[17] **($) IF** waste containers are to be removed from Building TA-50-69,
THEN ENSURE that during the waste container handling operations that the following are satisfied, and **CHECK** (√) YES or NO for each of the following on Attachment 3. (LCO 3.3.1.3)

- **($)** Either the Building TA-50-69 Inner Roll-up Door or the Outer Roll-up Door remains closed during the movement within Building TA-50-69. (LCO 3.3.1.3)
- All items (e.g., waste containers) have been removed from the Roll-up Door painted boundary before the closing the Roll-up Door.

[18] **SYNCHRONIZE** the WCATS mobile device by placing the WCATS mobile device in a docking cradle as applicable.

WARNING

"Chandeliers" are attached to waste containers with a radiation dose of greater than or equal to 5 mrem/hr at 30 cm and an RCT is required to be present when handling these waste containers in order to reduce the potential radiation exposure to the operators and co-workers.

[19] **($) PERFORM** an INTRA-FACILITY TRANSFER using the WCATS mobile device or using the WCATS desktop application in accordance with Section 6 to transfer the waste containers to the WCRRF receiving area. (SR 4.1.1 and 4.1.2)

7. PERFORMANCE—INTER-FACILITY TRANSFER OUTSIDE WCRRF (continued)

WARNING

1 **At no time is any individual permitted to place any portion of the body under a suspended load in order to prevent personnel injury.**

2. **POC assemblies SHALL be lifted (e.g., onto pallets and drum dollies) using a drum grabber and not manipulated by hand in order to reduce the possibility of personnel injury and POC damage due to a dropped or falling POC.**

[20] **($) REMOVE** the TRU waste container from the current location, one at a time, using an electric forklift and drum grabber and load drums onto a metal pallet and strap the drums down, or using an electric forklift for SWBs. (SAC 5.10.1.1)

[21] **($) PERFORM** an INTER-FACILITY TRANSFER (Pending Task) and **OBTAIN** a hardcopy of the Shipping Transfer from the WCATS desktop application, as necessary. (SR 4.1.2)

[22] **SCAN** each waste container and **ACCEPT** using the WCATS mobile device or **ACCEPT** using the WCATS desktop application.

[23] **PLACE** the waste container on the transport vehicle, ensuring that the pallet is placed completely in side of the transport vehicle.

[24] **REPEAT** Steps 7.[20] and 7.[23] until all of the waste containers to be transferred have been loaded onto the transport vehicle.

[25] **COMPLETE** an INTER-FACILITY PICKUP (1st signature) using the WCATS mobile device or WCATS desktop application.

[26] **SYNCHRONIZE** the WCATS mobile device by placing the WCATS mobile device in a docking cradle as applicable.

7. PERFORMANCE—INTER-FACILITY TRANSFER OUTSIDE WCRRF (continued)

NOTE *The transportainer doors may remain open and N/A may be checked (√) for the following step when performing multiple transportainer operations simultaneously (e.g., receiving waste containers while moving waste containers into Building TA-50-69).*

[27] **($) IF** the waste containers were removed from a transportainer (i.e., TA-50-75 or TA-50-194),
THEN CLOSE and **LATCH** the transportainer doors, and **CHECK** (√) YES, NO, or N/A for the transportainer doors on Attachment 3. (SAC 5.10.2.4)

[28] **($) INSPECT** the transport vehicle and ensure that combustible materials are maintained as-low-as-reasonably possible on the transport vehicle, and **CHECK** (√) YES or NO on Attachment 3. (TA-54 Area G AC 5.6.11.8)

[29] **ENSURE** that the rear doors of the transport vehicle are closed, and **CHECK** (√) YES or NO for the rear doors of the transport vehicle being closed on Attachment 3.

[30] **ENSURE** that the waste container movement has been recorded in the applicable location TSD Logbook (e.g., transportainer or Building TA-50-69), and **CHECK** (√) YES or NO for the TSD Logbook entry on Attachment 3.

WARNING

Leather or leather-palmed gloves SHALL be worn when working with the cable barrier in order to prevent hand injury.

CAUTION

Operators SHALL use care when working with the vehicle barrier gate to avoid dropping or dragging the wire rope across the ground, which may result in damage to the wire rope (e.g., broken strands).

[31] **($) RESTORE** the vehicle access gate as follows, and **CHECK** (√) YES or NO for each of the following vehicle access gate restoration steps on Attachment 3: (SAC 5.10.1.4.1)

[A] **RESTORE** the cable-support stands, and **SECURE** the access gate shackles

7. PERFORMANCE—INTER-FACILITY TRANSFER OUTSIDE WCRRF (continued)

[B] **ENSURE** that all cable-support stands are within the designated (painted) area.

[C] **ENSURE** that ingress and egress points are free of obstructions.

[32] **NOTIFY** the WCRRF Operations Center that the waste containers are in the transport vehicle and are out of WCRRF, and **CHECK** (√) YES or NO for the notifications on Attachment 3.

NOTE *The following two steps may be performed out of sequence in order to allow the transport vehicle to be removed at a time that is operationally convenient*

OS-PT Personnel

[33] **IF** the tractor was disconnected from the trailer,
THEN:

[A] **ATTACH** the tractor to the trailer in accordance with approved OS-PT process.

[B] **REQUEST** the transport vehicle driver un-chock the wheels, release the parking break, and remove the transport vehicle.

[34] **ENSURE** that the transport vehicle keys have been obtained from the WCRRF Operations Center, and **REQUEST** the transport vehicle driver to un-chock the wheels, release the parking break, and remove the transport vehicle.

Supervisor or designee

[35] **DOCUMENT** the completion of the waste container transfer by signing and dating on Attachment 3.

8. PERFORMANCE—TA-50-69 MANUAL MAR DE-INVENTORY DETERMINATION

This section is a stand-alone section and may be performed independently of or in conjunction with other Performance sections.
This section provides instructions for manually tracking the de-inventory process of Building TA-50-69. The building TA-50-69 INVENTORY is included in the WCRRF INVENTORY and therefore altering the Building TA-50-69 INVENTORY does not affect the WCRRF INVENTORY. SR4.1.1 and SR 4.1.2 are performed before introducing INVENTORY into BUILDING TA-50-69 and WCRRF and therefore are not applicable to the de-inventory process.

Waste Handling Operator or designee

[1] **PERFORM** physical inspection of BUILDING TA-50-69 to determine the unique identifier of the Transuranic (TRU) waste containers within BUILDING TA-50-69, and **RECORD** the unique identifier of each TRU waste container on Attachment 4, BUILDING TA-50-69 Manual MAR De-Inventory Determination.

[2] **IF** a daughter TRU waste container within BUILDING TA-50-69 does **NOT** have a barcode label,
THEN:

[A] **CREATE** a temporary unique identifier for the daughter TRU waste container using the following format where the number consists of the parent unique identifier followed by a capital letter (sequential letters for multiple daughters):

SXXXXXXA, SXXXXXXB, SXXXXXXC, etc.

[B] **RECORD** a temporary unique identifier on the daughter TRU waste container with a permanent marker using print of less than approximately one inch.

[C] **RECORD** the daughter temporary unique identifier on Attachment 4.

[D] **RECORD** Resource Conservation and Recovery Act (RCRA) codes associated with the parent TRU waste container on the daughter TRU waste container with a permanent marker using print of less than approximately one inch.

8. PERFORMANCE—TA-50-69 MANUAL MAR DE-INVENTORY DETERMINATION (CONTINUED)

NOTE *Parent TRU waste container INVENTORY values (PE-Ci) can be obtained from the WCATS database or latest INTRA TRANSFER REPORT from the WCATS desktop application.*

[E] **DETERMINE** the PE-Ci value of the empty parent drum by multiplying the parent drum original PE-Ci value by 0.01 (1%) and **RECORD** the empty parent drum PE-Ci value on the empty parent drum and Attachment 4.

[F] **DETERMINE** the PE-Ci value of each daughter drum as follows:

[a] **SUBTRACT** the empty parent drum PE-Ci value from the original parent drum PE-Ci value.

[b] **DIVIDE** the difference from the previous step by the total number of daughter drums and **RECORD** the value on each daughter drum with a permanent marker using print of less than approximately one inch and on Attachment 4.

[3] **RECORD** the PE-Ci value of each parent waste container (except empty parent drums) identified in the previous step on Attachment 4.

[4] **SUM** the PE-Ci values of the waste containers listed on Attachment 4 and **RECORD** the Total BUILDING TA-50-69 Physical Inventory PE-Ci value on Attachment 4.

[5] **RECORD** the BUILDING TA-50-69 INVENTORY value identified on the WCRRF Operations Center Status Board on Attachment 4.

[6] **DETERMINE** whether the Total BUILDING TA-50-69 Physical Inventory PE-Ci value matches the BUILDING TA-50-69 INVENTORY value identified on the WCRRF Operations Center Status Board.

[7] **IF** the Total BUILDING TA-50-69 Physical Inventory value PE-Ci does **NOT** match the BUILDING TA-50-69 INVENTORY value,
THEN STOP the work activity and **REQUEST** the applicable action from the SOM.

[8] **RECORD** initials, Z number, and date on Attachment 4 to indicate that the WCRRF Operations Center and the physical inventory values for the BUILDING TA-50-69 PE-Ci match.

[9] **RECORD** name (print), signature, Z number, and date on Attachment 4.

8. PERFORMANCE—TA-50-69 MANUAL MAR DE-INVENTORY DETERMINATION (CONTINUED)

SOM/SOS or designee

[10] **REVIEW** Attachment 4 for accuracy and completeness.

[11] **IF** any deficiencies are identified,
THEN STOP the work activity and **CORRECT** the deficiency.

[12] **RECORD** name (print), signature, Z number, and date on Attachment 4.

NOTE *The function of the Inventory Control personnel for the verification of containers numbers during the movement of the waste containers may be performed by an independent operator (e.g., SOM, OCO, or Independent Waste Handling Operator).*

[13] **INSTRUCT** Waste Handling Operators to move the waste containers out of BUILDING TA-50-69 in accordance with EP-WCRR-WO-DOP-1199, WCRRF and Building TA-50-69 Waste Container Receipt, Movement, and Transfer.

[14] **ENSURE** that the WCRRF and BUILDING TA-50-69 INVENTORY are updated in the WCATS database.

9. POST-PERFORMANCE ACTIVITY

9.1 Disposition

NOTE *Completing a Post-Job Review may be accomplished using the applicable P300 form or online (the preferred method since the institution has access to feedback and lessons learned http://int.lanl.gov/safety/iwmc/ [Click on the Submit IWD Part 4 Post-Job Review]).*

OM/SOM/SOS or designee

[1] **IF** any of the following occur:

- A new activity was completed for the first time
- A request was made by anyone involved with the performance of this procedure to perform a post-job review
- An abnormal event occurred
- A revision to an existing procedure was issued and it has been determined by the procedure owner or designee that a Post-Job Review is required

THEN PERFORM a Post-Job Review in accordance with P300.

[2] **IF** the Post-Job Review identified any necessary changes to this procedure,
THEN INITIATE a revision to this procedure.

9.2 Records Processing

Operator or Supervision

[1] **ENSURE** that the records are dispositioned in accordance with the following:

Record Identification	Record Type Determination	Protection/Storage Method	Processing Instructions
Attachment 1. WCRRF Waste Container Receipt Data Sheet Attachment 2. WCRRF Waste Container Intra-Facility Transfer Data Sheet Attachment 3. Inter-Facility Transfer Outside WCRRF Data Sheet Attachment 4, Building TA-50-69 Manual MAR De-Inventory Determination	Quality Assurance (QA) Record	Records **SHALL** have a reasonable level of protection to prevent loss and degradation. Records should be maintained in a one-hour fire rated metal file cabinet when not in use. The applicable attachments are maintained with the package of individual waste container documents for each activity and a single copy of P&T-WI-001, TSD Authorized Shipper/Transfer Evaluator Instructions; Attachment 2, Traveler.	When the records are ready for final disposition, the record is transferred to Records Management in accordance with EP-DIR-AP-10003, records Management Procedure for ADEP Employees.
WCATS Inventory reports	Non-quality Record	Records **SHALL** have a reasonable level of protection to prevent loss and degradation.	Discard when no longer needed

10. REFERENCES

ABD-WFM-002, Technical Safety Requirements (TSRs) for Technical Area 54, Area G

ABD-WFM-006, Technical Safety Requirements (TSRs) for Waste Characterization, Reduction and Repackaging Facility (WCRRF)

DOE/WIPP 02-3122, Transuranic Waste Acceptance Criteria for The Waste Isolation Pilot Plan

EP-DIV-AP-0112, EWMO Pre-Job Briefings

EP-DIV-POLICY-20057, EWMO Health and Safety Policy-Manual Movement

EP-DIV-DOP-20086, EWMO Division Specific Forklift and Drum Handler Equipment Operations

EP-DIR-AP-10003, Records Management Procedure for ADEP Employees

EP-WCRR-FO-DOP-0201, WCRRF and TA-50-69 TSR Mode Change

NCS-CSLA-10-131, Waste Characterization, Reduction, and Repackaging (WCRR) Facility

P101-18, Procedure for Pause/Stop Work

P121, Radiation Protection

P300, Integrated Work Management

P930-1, LANL Waste Acceptance Criteria

APPENDIX 1
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MANUAL DRUM MOVEMENT SPECIAL INSTRUCTIONS

NOTE 1 *The following requirements below have been pre-approved in accordance with EP-DIV-Policy-20057, EWMO Health and Safety Policy.*

NOTE 2 *Any manual drum movement modifications or new scenario that may arise **SHALL** be performed in accordance with EP-DIV-Policy-20057.*

Manual Drum Movements within Transportainers:

- Two-person rule and a drum dolly chock to slide drums to and from the drum dolly and spill pallets
- Two-person rule to slide drums from one pallet to another
- Two-person rule to slide drums on the floor

Manual Drum movements to and from Scale:

- Mechanical means only

Manual Drum Movements between the 50-69 RBA and the CA

- Mechanical means
- Empty POCs mechanical mean only
- Empty 55 and 85s from pallet to dolly or dolly to pallet using two-person rule with a dolly chock

Manual Drum Movements to center of Scale

- Utilize mechanical means (e.g., drum grabber or versa lift)
- Two-person rule to slide drum to and from the center of the scale

Manual Movement of Drums onto Lift Table under the WCG

- Utilize versa lift, (if available) otherwise implement two-person rule to slide drum to and from the drum dolly and lift table with metatarsal guards

Manual Movement of Drums in Transport Vehicle for Receipt Inspection and Unloading

- Two-person rule to slide drums

ATTACHMENT 1
Page 1 of 4

WCRRF WASTE CONTAINER RECEIPT DATA SHEET

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NOTE *WCRRF **SHALL** be in the same or higher MODE as Building TA-50-69.*

4.1[6]	**($)** WCRRF is in the OPERATION MODE. (TSR 1.2)		☐ YES	☐ NO
4.4[1]	WCRRF Operations Center permission obtained for waste container receipt.		☐ YES	☐ NO
4.4[4]	Prerequisites complete.		☐ YES	☐ NO
5.[2]	**($)** Transport vehicle/trailer blocking WCRRF gate entrance. (SAC 5.10.1.4.2)		☐ YES	☐ NO
5.[5]	Transport vehicle status: • Ignition keys removed • Parking brake set • Wheels chocked	☐ N/A	☐ YES	☐ NO
5.[6]	WCRRF Operations Center in possession of transport vehicle keys.	☐ N/A	☐ YES	☐ NO
5.[7][B]	Removable Cable Barrier shackles have been disconnected.		☐ YES	☐ NO
5.[10]	Radiological surveys completed, as applicable.		☐ YES	☐ NO
5.[17]	**($)**Test execute completed in WCATS (SR 4.1.2)		_____ Initial/Date	
5.[18]	WCATS Task ID No.:		_____ ID#	

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ATTACHMENT 1
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Page (5.[31]): _____ of _____

Waste Container ID#. (5.[19])							
Overpack Configuration (5.[19])	☐ SWB ☐ 85 gal ☐ N/A	☐ SWB ☐ 85 gal ☐ N/A	☐ SWB ☐ 85 gal ☐ N/A	☐ SWB ☐ 85 gal ☐ N/A	☐ SWB ☐ 85 gal ☐ N/A	☐ SWB ☐ 85 gal ☐ N/A	☐ SWB ☐ 85 gal ☐ N/A
($) Hydrogen < 3.2% (< 32,000 ppm) and VOC < 7,000 ppm (5.[20]) (SAC 5.10.2.3.4.a)	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
Listed on Uniform Hazardous Waste Manifest (EPA Form 8700-22) (5.[21])	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
($) Listed on P&T-WI-001 Attachment 2 (5.[22] (SAC 5.10.2.3.1)	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
($) WIPP-approved filtered vent installed (5.[23]) (SAC 5.10.2.3.3)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
85-gal containers possess one of the filters listed below • NUCFIL-08DS • NUCFIL-7DS (5.[24]) (If yes, Notify the Operations Center)	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
($) No obvious signs of degradation (i.e., no clearly visible and potentially significant defects) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
($) No evidence that container is, or has been, pressurized (i.e., no expansion of sidewalls, bottom, or top, and no warping) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
($) No potentially significant rust or corrosion such that wall thinning, pinholes, or breaches are likely or load bearing capacity is suspect (i.e., no caked layers or deposits of rust and no rust present in the form of deep metal flaking or built-up areas of corrosion products) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT

IPC-1

ATTACHMENT 1
Page 3 of 4

Page (5.[31]): _____ of _____

Waste Container ID#. (5.[18])							
($) No split seams, tears, obvious holes, punctures (of any size), creases, broken welds or cracks (i.e., no obvious leaks, holes or openings, cracks, deep crevices, creases, tears, broken welds, sharp edges or pits, are either breached or on the verge of being breached) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
($) Container is properly closed (i.e., no fastener or locking ring damage or excessive corrosion and fastener and jam nut properly aligned) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
($) No dents, scrapes, or scratches that make container's structural integrity questionable or prevent top and bottom surfaces from being parallel (i.e., no deep gouges, scratches, or abrasions over wide areas, top and bottom surfaces not parallel, or large-deep dents) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
($) No discoloration indicating leakage or other evidence of leakage from container (i.e., no evidence of leakage at penetrations, welds, seams, or intersections of one or more metal sheets or plates) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
($) Container is <u>not</u> bulged (i.e., no expansion of sidewalls, bottom, or top, no protrusion of the side wall beyond a line connecting the peaks of the surrounding rolling hoops or bottom/top ring, or no deformation of the rolling hoop) (5.[26]) (SAC 5.10.2.3.2)	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT

ATTACHMENT 1
Page 4 of 4

Page (5.[31]): _____ of _____

5.[30]	WCRRF Operations Center notified that all waste containers have been acceptance.		☐ YES	☐ NO
5.[38]	**($)** Transportainer doors are CLOSED and LATCHED. (SAC 5.10.2.4)	☐ N/A	☐ YES	☐ NO
5.[39]	Applicable location TSD Logbook entry complete.		☐ YES	☐ NO
5.[40]	Transport vehicle radiological survey complete.		☐ YES	☐ NO
5.[41]	Transport vehicle rear doors closed and secure.		☐ YES	☐ NO
5.[42]	**($)** Vehicle access gate restored. (SAC 5.10.1.4.1):			
	• Cable-support stands restored and access gate shackles secured.		☐ YES	☐ NO
	• All cable-support stands are within the designated (painted) area.		☐ YES	☐ NO
	• Ingress and egress points are free of obstructions.		☐ YES	☐ NO

Comments: _____

5.[46] Performed by: _____ / _____ / _____ / _____
Supervisor or designee (print) Signature Z # Date

ATTACHMENT 2
Page 1 of 1

WCRRF WASTE CONTAINER INTRA-FACILITY TRANSFER DATA SHEET

NOTE *WCRRF **SHALL** be in the same or higher MODE as Building TA-50-69.*

IPC-1

4.1[7] WCRRF and Building TA-50-69 are in the OPERATION or WARM STANDBY MODE. ☐ YES ☐ NO

4.4[1] WCRRF Operations Center permission obtained for waste material manipulation. ☐ YES ☐ NO

4.4[4] Prerequisites complete.. ☐ YES ☐ NO

6.[7] **($)**Test execute completed. (SR 4.1.1) _____ Initial/Date

6.[10] Waste Container No.: _____

_____

_____

6.[11] Verification of physical waste container and numbers _____ Initial/Date

6.[16] **($)** At least <u>one</u> Building TA-50-69 roll-up door remained closed at all times. (LCO 3.3.1.3) ☐ YES ☐ NO

All items removed from the Roll-up Door painted boundary. ☐ YES ☐ NO

6.[19] **($)**Transportainer doors are CLOSED and LATCHED. (SAC 5.10.2.4) ☐ N/A ☐ YES ☐ NO

6.[20] Applicable location TSD Logbook entries complete. ☐ YES ☐ NO

6.[21] WCRRF Operations Center notified of the new location for the waste containers. ☐ YES ☐ NO

Comments: _____

_____

_____

6.[22] Performed by: _____ / _____ / _____ / _____
Supervisor or designee (print) Signature Z # Date

ATTACHMENT 3
Page 1 of 2

INTER-FACILITY TRANSFER OUTSIDE WCRRF DATA SHEET

NOTE *WCRRF **SHALL** be in the same or higher MODE as Building TA-50-69.*

4.1[8]	WCRRF is in the OPERATION or WARM STANDBY MODE.		☐ YES	☐ NO
4.4[1]	WCRRF Operations Center permission obtained to initiate Inter-Facility Transfer.		☐ YES	☐ NO
4.4[4]	Prerequisites complete.		☐ YES	☐ NO
7.[2]	Radiological surveys completed, as applicable.		☐ YES	☐ NO
7.[9]	**($)** Transport vehicle blocking WCRRF gate entrance. (SAC 5.10.1.4.2)		☐ YES	☐ NO
7.[11]	Transport vehicle status: • Ignition keys removed • Parking brake set • Wheels chocked	☐ N/A	☐ YES	☐ NO
7.[12]	WCRRF Operations Center in possession of transport vehicle keys.	☐ N/A	☐ YES	☐ NO
7.[14][B]	Removable Cable Barrier shackles have been disconnected.		☐ YES	☐ NO
7.[15]	Radiological surveys completed, as applicable.		☐ YES	☐ NO
7.[17]	**($)** At least <u>one</u> Building TA-50-69 roll-up door remained closed at all times. (LCO 3.3.1.3)	☐ N/A	☐ YES	☐ NO
	All items removed from the Roll-up Door painted boundary.	☐ N/A	☐ YES	☐ NO
7.[27]	**($)** Transportainer doors are CLOSED and LATCHED. (SAC 5.10.2.4)	☐ N/A	☐ YES	☐ NO

ATTACHMENT 3
Page 2 of 2

7.[28] **($)** Transport vehicle combustible materials are as-low-as-reasonably possible. (TA-54 Area G AC 5.6.11.8) ☐ YES ☐ NO

7.[29] Transport vehicle rear doors closed and secure. ☐ YES ☐ NO

7.[30] Applicable location TSD Logbook entry complete. ☐ YES ☐ NO

7.[31] **($)** Vehicle access gate restored. (SAC 5.10.1.4.1)

- Cable-support stands restored and access gate shackles hooks secured. ☐ YES ☐ NO
- All cable-support stands are within the designated (painted) area. ☐ YES ☐ NO
- Ingress and egress points are free of obstructions. ☐ YES ☐ NO

7.[32] WCRRF Operations Center notified that the waste containers are out of WCRRF. ☐ YES ☐ NO

Comments: _____

_____

_____

_____

_____

_____

_____

_____

7.[35] Performed by: _____ / _____ / _____
Supervisor or designee (print) Signature Z # Date

ATTACHMENT 4
Page 1 of 1

BUILDING TA-50-69 MANUAL MAR DE-INVENTORY DETERMINATION

Waste container information:

Parent Waste Container No.	Empty Parent/Daughter Waste Container No.	Individual Waste Container PE-Ci Value	Total BUILDING TA-50-69 Physical Inventory PE-Ci Value

WCRRF Operations Center BUILDING TA-50-69 INVENTORY value: _____ PE-Ci

WCRRF Operations Center BUILDING TA-50-69 INVENTORY value matches Total BUILDING TA-50-69 Physical Inventory PE-Ci Value. _____ / _____
Initials/Z# Date

Comments: _____

Performed By: _____ / _____ / _____
Waste Handling Operator/designee (print) Signature Z # Date

Approved by: _____ / _____ / _____
SOM/SOS/designee (print) Signature Z # Date

DIVIDER PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C152

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001, LA-MIN04-S.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☑ C - Correspondence
☐ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Interview with J. Foxx re: Future Waste Generation for Waste Streams LA-MHD01.001 and LA-MIN02-V.001

Source Document Reference Information (author(s), document and revision number, date, publisher): MJ Papp, NA, NA, 10/30/07

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6	1	This record of communications summraized interviews conducted with Jim Foxx. The interviews focused on future projections of additional generation for waste streams LA-MHD01.001 and LA-MIN02-V.001.

Source Document Data Limitations (if any):

1. This information is dependent on LANL budgets and schedules which may change.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 11/30/2012
Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 12/13/2012

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MHD01.001, LA-MIN02-V.001

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C152
Acceptable Knowledge Documentation Type: ☑ *TRU Waste Management Program Information* ☐ Waste Stream-Specific Information ☐ Supporting Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Future Waste Projections for Waste Streams LA-MHD01.001 and LA-MIN02-V.001

Source Document Reference Information (author(s), document and revision number, date, publisher): MJ Papp, NA, NA, 10/30/07

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR6	1	This record of communications summraized interviews conducted with Jim Foxx. The interviews focused on future projections of additional generation for waste streams LA-MHD01.001 and LA-MIN02-V.001.

Source Document Data Limitations (if any):

1. This information is dependent on LANL budgets and schedules which may change.

Acceptable Knowlege Expert:

Sheri Nance, Sheri Nance Date: 12/5/07
Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

SUPERCEDED
SN 2.16.09

Attachment 2 – Record of Communication

Waste Stream Number(s): LA-MHD01.001 and LA-MIN02-V.001		**Corresponding Source Document Tracking No:** AK6-C152
Interviewer: Michael Papp	**Date:** October 11, 2007 and October 30, 2007	**Time:** 11:00 am and 5:00 pm
Interviewee: Jim Foxx	**Group/Organization:** TA-55 Plutonium Facility **Job Title:** Facility Subject Matter Expert	**Phone:** 505-667-2338 **Pager:** 505-664-7344

Subject: Projected Future Waste Generation for Waste Streams LA-MHD01.001 and LA-MIN02-V.001

Summary:

This Record of Communication summarizes interviews conducted on October 11, 2007 and October 30, 2007 between CCP AKE personnel and Jim Foxx. Mr. Foxx has over 38 years of plutonium operations experience at the Los Alamos National Laboratory (LANL) and is currently a consultant/subject matter expert at the TA-55 Plutonium Facility. These interviews focused on the future projections of additional generation for waste streams LA-MHD01.001 and LA-MIN02-V.001.

Waste stream LA-MHD01.001 consists of mixed heterogeneous debris waste generated during plutonium recovery, fabrication, research and development (R&D), facility and equipment operations, and maintenance processes. The debris waste includes paper, rags, plastic, rubber, wood-based high-efficiency particulate air (HEPA) filters, other plastic-based and cellulose-based items, noncombustible items such as metal and glass, and lesser quantities of homogeneous solids (less than 50 percent by volume) such as hydroxide cake/filter materials, salts, and ash residues. The future projected generation of heterogeneous debris waste is approximately 836 55-gallon drums in FY08 (174 cubic meters), 709 55-gallon drums in FY09 (147 cubic meters), 618 55-gallon drums in FY10 (129 cubic meters), 475 55-gallon drums in FY11 (99 cubic meters), and 450 55-gallon drums in FY12 (94 cubic meters) for a total of 3,088 55 gallon drums (642 cubic meters). There is no projected end date of operations that generate transuranic (TRU) waste. This information was based on projections submitted to Mr. Foxx by waste management personnel and department leads, and it includes both Pu-238 and Pu-239 operations that in the past were reported separately.

Waste stream LA-MIN02-V.001 consists of inorganic particulate waste also generated during plutonium recovery, fabrication, R&D, facility and equipment operations, and maintenance processes. The waste is largely comprised of TRU liquids such as oils and solvents absorbed in vermiculite. TRU liquids absorbed in vermiculite are typically generated during fuel source fabrication, maintenance of equipment, metallography, and oil recovery activities and potentially contain high concentrations of actinides. The future projected generation of absorbed liquid waste is approximately 1 55-gallon drum per year (.2 cubic meters) and there is no projected end date.

This information was based on projections submitted to Mr. Foxx by waste management personnel and department leads.

Data Limitation:

This information is dependent on LANL budgets and schedules which may change.

Acceptable Knowledge Expert: Michael Papp / Sign Date: 10/30/07
Print

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	SHEILA PEARCY	From:	SHERI NANCE (JLS)
Ship to:	CCP RECORDS	Site:	LANL, CCP-AK-LANL-006
	4021 NATIONAL PARKS HWY	Company:	TECHNICAL SPECIALISTS, LLC
	MSA GSA 203	Telephone Number:	509-628-2048 (628-3234) FAX
	CARLSBAD, NM 88220	Date Sent:	12/05/2007
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
C152	ATTACHMENT 3-ACCEPTABLE KNOWLEDGE SOURCE DOCUMENT SUMMARY FOR CCP-AK-LANL-0006	12/05/2007	1
	ATTACHMENT 2-RECORD OF COMMUNICATION. INTERVIEWER: MICHAEL PAPP, INTERVIEWEE: JIM FOXX. SUBJECT: PROJECTED FUTURE WASTE GENERATION FOR WASTE STREAMS LA-MHD01.001 AND LA-MIN02-V.001.	10/30/2007	1

Comments

NONE

Acceptance/Rejection Signature and Date

Records Accepted [√] Jodi Saltzman (Signature) JODI SALTZMAN (Printed Name) 12/21/07 (Date)

Records Rejected [ ] _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

P.01

TRANSACTION REPORT

DEC-21-2007 FRI 11:05 AM

FOR: CCP RECORDS 15052347014

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
DEC-21	11:05 AM	LANL CARLSBAD	15″	1	FAX TX	OK	946	

TOTAL : 15S PAGES: 1

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Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	SHEILA PEARCY	From:	SHERI NANCE (JLS)
Ship to:	CCP RECORDS	Site:	LANL, CCP-AK-LANL-006
	4021 NATIONAL PARKS HWY	Company:	TECHNICAL SPECIALISTS, LLC
	MSA GSA 203	Telephone Number:	509-628-2048 (628-3234) FAX
	CARLSBAD, NM 88220	Date Sent:	12/05/2007
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
C152	ATTACHMENT 3-ACCEPTABLE KNOWLEDGE SOURCE DOCUMENT SUMMARY FOR CCP-AK-LANL-0006	12/05/2007	1
	ATTACHMENT 2-RECORD OF COMMUNICATION. INTERVIEWER: MICHAEL PAPP, INTERVIEWEE: JIM FOXX. SUBJECT: PROJECTED FUTURE WASTE GENERATION FOR WASTE STREAMS LA-MHD01.001 AND LA-MIN02-V.001.	10/30/2007	1

Comments

NONE

Acceptance/Rejection Signature and Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	1/26/2009

C152	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	1/14/2009	1
	N/A		

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑	Sonia Gonzalez Signature	SONIA GONZALEZ Printed Name	02.16.09 Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

N/A

Re-submittal:

Signature	Printed Name	Date

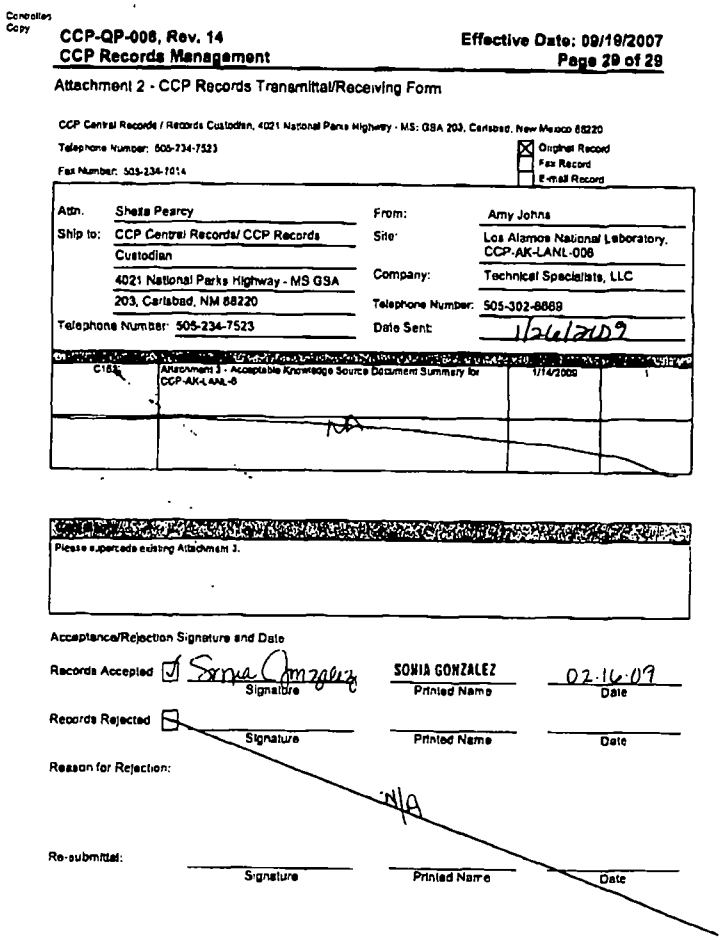
HP LaserJet *M2727nf MFP*

Fax Confirmation Report

HP LASERJET FAX

Feb-17-2009 8:04AM

Job	Date	Time	Type	Identification	Duration	Pages	Result
4883	2/17/2009	8:03:45AM	Send	96283238	0:32	1	OK



Controlled Copy

CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**
CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-008
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
Telephone Number:	505-234-7523	Telephone Number:	505-302-8669
		Date Sent:	1/26/2009

C188	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-8	1/14/2009	1

N/A

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 02.16.09 (Date)

Records Rejected ☐ (Signature) (Printed Name) (Date)

Reason for Rejection: N/A

Re-submittal: (Signature) (Printed Name) (Date)

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-CIN01.001, LA-MHD01.001, LA-MIN02-V.001, LA-MIN02-V.001, LA-MIN04-S.001	
Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C177
Acceptable Knowledge Documentation Type: ✔ TRU Waste Management Program Information ✔ Waste Stream-Specific Information ✔ Supporting Information	Category: ✔ C - Correspondence D - Documents M - Miscellaneous P - Procedures DR - Discrepancy Resolution U - Unpublished Documents
Title of Source Document: Secondary Waste Generated by the Remediation Packaging Processes	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 08/26/2009, P2010-2655	

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR7, WS2, WS9, S16	Throughout	The examples of secondary waste listed below were provided by personnel from both TA-54, Area G, Dome 231 and the Waste Characterization, Reduction, Repackaging and Facility (WCRRF), TA-50-69. Generally, secondary waste is any material, e.g., decontamination materials, PPE, etc., which may come in contact with the waste during the remediation process. Specifically, the Dome 231 prohibited item disposition (PID) procedure states: "ENSURE that all waste has been removed from the parent drum and SEGREGATE any secondary wastes for reinsertion into the daughter drum." [Prohibited Item Dispositioning in Dome 231 Permacon, Rev. 7, EP-DOP-2108, Sec. 9.4, Step 33]. Also, the WCRRF Waste Handling Procedures states: "PLACE waste into daughter drum(s) making note of any waste added in process on Attachment 1. [Processing Waste in the Waste Characterization Glovebox, Rev. 14, EP-WCRR-WO-DOP-0233, Step 8.17.7] The list below provides examples of secondary waste which may be generated during the remediation/repackaging process at Dome 231 and/or WCRRF, including, but NOT limited to: Miscellaneous Items 1.Stick-on type labels 2.Red, plastic tags with metal clips with wire tie 3.Moist Kimwipes (Fantastik-soaked) 4.Drill bits 5.Plastic zip ties 6.Radiation tags (paper with plastic tie wraps) 7.Fantastik plastic bottles (spray and bulk) 8.Plastic tape 9.Glove box windows (not leaded) rubber filters 10.Miscellaneous. Hand tools, scales 11.Dust pans and brooms 12.Rigid liner lids cut into pieces PPE 1.Leather gloves 2.Nitrile gloves 3.Saranex sleeves 4.Cloth booties

ORIGINAL

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: C177
AK # [a]	Source Doc. Page # [b]	AK Information Summary
		5.Glove box gloves (rubber), Kevlar gloves Absorbent 1.Waste Lock 770

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 9/14/09

Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

DIVIDER PAGE ONLY

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P2010-2655

Secondary Waste
Generated by the Remediation/Repackaging Processes
at Dome 231 and WCRRF
August 26, 2009
Randy Fitzgerald, CCP AKE

The examples of secondary waste listed below were provided by personnel from both TA-54, Area G, Dome 231 and the Waste Characterization, Reduction, Repackaging and Facility (WCRRF), TA-50-69.

Generally, secondary waste is any material, *e.g.,* decontamination materials, PPE, *etc.*, which may come in contact with the waste during the remediation process. Specifically, the Dome 231 prohibited item disposition (PID) procedure states: "ENSURE that all waste has been removed from the parent drum and SEGREGATE any secondary wastes for reinsertion into the daughter drum." [*Prohibited Item Dispositioning in Dome 231 Permacon*, Rev. 7, EP-DOP-2108, Sec. 9.4, Step 33]. Also, the WCRRF Waste Handling Procedures states: "PLACE waste into daughter drum(s) making note of any waste added in process on Attachment 1. [*Processing Waste in the Waste Characterization Glovebox*, Rev. 14, EP-WCRR-WO-DOP-0233, Step 8.17.7]

The list below provides examples of secondary waste which may be generated during the remediation/repackaging process at Dome 231 and/or WCRRF, **including, but NOT limited to**:

Miscellaneous Items

1. Stick-on type labels
2. Red, plastic tags with metal clips with wire tie
3. Moist Kimwipes (Fantastik-soaked)
4. Drill bits
5. Plastic zip ties
6. Radiation tags (paper with plastic tie wraps)
7. Fantastik plastic bottles (spray and bulk)
8. Plastic tape
9. Glove box windows (not leaded) rubber filters
10. Miscellaneous. hand tools, scales
11. Dust pans and brooms
12. Rigid liner lids cut into pieces

PPE

1. Leather gloves
2. Nitrile gloves
3. Saranex sleeves
4. Cloth booties
5. Glove box gloves (rubber), Kevlar gloves

Absorbent

1. Waste Lock 770

DIVIDER PAGE ONLY

Not part of page count

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-006
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	9/14/09

Document Number	Title/Description	Record Date	Total Pages
C177	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	9/14/2009	2
NA	Secondary Waste Generated by the Remediation Packaging Processes	8/26/2009	1

Comments

None.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 09/14/09 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection: N/A

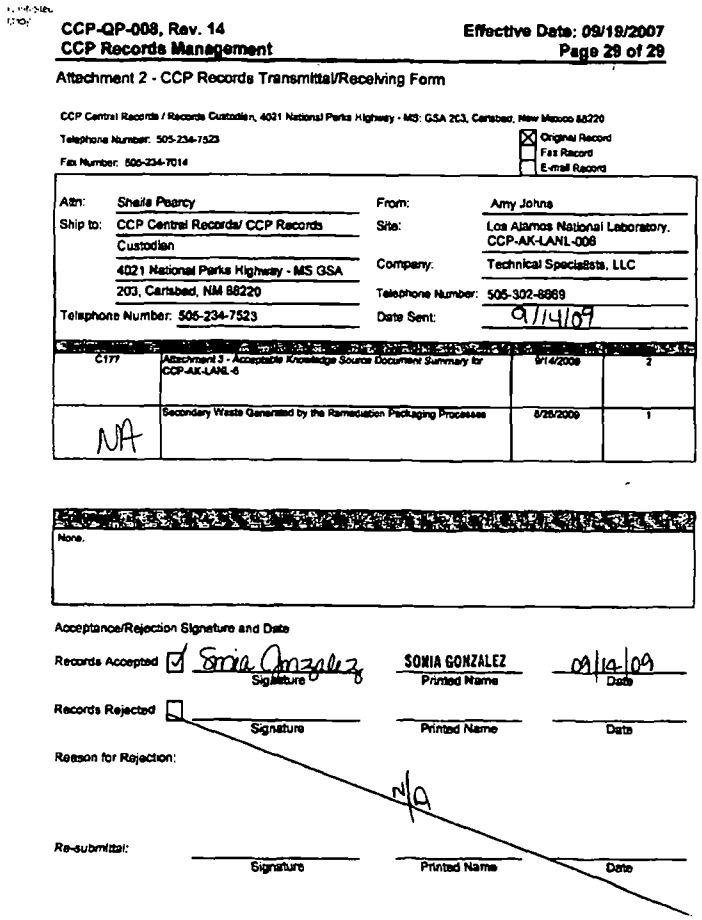
Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

HP Color LaserJet CM2320nf MFP

Fax Confirmation Report

CCP RECORDS
5752347033
Sep-15-2009 9:52AM

Job	Date	Time	Type	Identification	Duration	Pages	Result
7223	9/15/2009	9:51:18AM	Send	96283238	0:33	1	OK



CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**
CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 2C3, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory. CCP-AK-LANL-008
	4021 National Parks Highway - MS GSA	Company:	Technical Specialists, LLC
	203, Carlsbad, NM 88220	Telephone Number:	505-302-8869
Telephone Number:	505-234-7523	Date Sent:	9/14/09

C177	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-6	9/14/2009	2
NA	Secondary Waste Generated by the Remediation Packaging Processes	8/28/2009	1

None.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 09/14/09 (Date)

Records Rejected ☐ (Signature) (Printed Name) (Date)

Reason for Rejection: N/A

Re-submittal: (Signature) (Printed Name) (Date)

AK9

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: D089

Waste Stream Number(s): LA-CIN04.001, LA-MHD04.001, LA-MSG04.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☐ C - Correspondence
☐ Waste Stream-Specific Information	☑ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: WCATS - the Future of Waste Operations at LANL

Source Document Reference Information (author(s), document and revision number, date, publisher): NA, NA, Rev. NA, NA

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR4	Throughout	This Brochure gives an overview of the Waste Compliance and Tracking System (WCATS) and the support features for the following: characterization, generation, mobile devices, shipping, storage, packaging, processing, disposal and the technical specs.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns _____ Date: 7-25-14
Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

NTPC RECORDS ORIGINAL
DATE REC'D 7/29/2014
EPF

the future of waste operations at LANL

wcats

waste compliance and tracking system

LANL personnel generate and manage radioactive, hazardous, and industrial waste on a daily basis. Waste generators, management coordinators, and operations personnel require a software application that can assist in all phases of waste operations.

The Waste Compliance And Tracking System (WCATS) is a software application that has been specifically designed to manage LANL's waste from cradle to grave. The system provides the proper support needed for characterization, generation, processing, and shipment of all waste created at LANL.

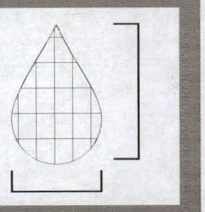
A task-based design supports a wide range of treatment, storage, disposal, administrative, and characterization based activities. WCATS provides extensive support for representing waste storage and disposal facilities, buildings, rooms, and grid layouts (x, y, z) to support waste and radioactive material inventory management. The application can readily accomodate new facilities, processes, work flow requirements, and so forth via end-user established metadata. In addition, the application supports the characterization and management of the entire range of hazardous and radioactive wastes (TRU, MTRU, LLW, MLLW, and other solid waste) that might be co-located or processed at a permitted facility.

The application is developed on a 3-tier Java Enterprise platform, using Oracle's database, application server, and application development framework (ADF). Field operations are conducted on a mobile personal digital assistant (PDA) equipped with Windows 6 using Sybase's UltraLite embedded database and bi-directional synchronization technology. As a result, it can be deployed at secure facilities where wireless technologies are prohibited.

support features

generation facility

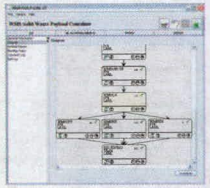
characterization



generation

characterization

Generators can define their waste streams in WCATS, provide an electronic signature, and monitor the approval process. The application supports all waste types, including chemical, hazardous, and radiological. There is new support for entering generation estimates, reviewing generation trends, and attaching files that support the characterization and waste determination.



Work paths can enforce the sequence of waste operations, and ensure the correct disposition, whether it be treatment, disposal, or an off site TSDF.

generation

Generators and waste management coordinators can define waste items from their desktop or via a mobile device. Waste item barcodes are generated on demand via a desktop or mobile printer. Users can manage their local storage areas, including less than 90 day areas, and receive inventory notifications via e-mail, pager message, or cell phone.

mobile device

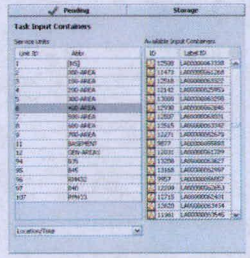
Mobile devices allow generators, waste management coordinators, and waste operations personnel to accomplish their work in the plant or field in an accurate, timely manner. Field applications include waste item characterization, container preparation, shipment departure & receiving operations, intra-facility waste transfers, and RCRA facility inspections. An audit support application allows the user to scan a drum or waste item and instantly know about its contents, operations history, and parent waste stream profile. State of the art technology is used to provide robust, secure, mobile applications.

shipping

A dynamic authorization scheme ensures that generators can manage the movement of waste within their local storage areas, while only waste operations personnel can ship waste between facilities or within a TSDF boundary. Inventory assessments are automatically triggered by a proposed shipment, ensuring that physical and radiological inventory limits, such as material-at-risk (MAR) requirements, are enforced. When necessary, an EPA Uniform Hazardous Waste Manifest or NRC LLW Manifest can be created for a shipment.

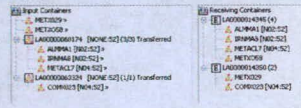
storage

Waste storage locations can be defined and managed at a generator's facility or a TSDF. Three tiers of inventory management are provided in a hierarchy of facilities, storage units, and a user-defined x-y-z grid system. Inventory limits, such as Pu-239 FGE, fissile inventory, U.S. DOE nuclear facility hazard ranking compliance, and physical inventory, can be assigned to each tier, and the application will automatically evaluate the applicable limits as changes occur due to inbound and outbound shipments, and waste processing activities. Inventory and inventory compliance reports are provided for current and historical inventories. Mobile devices can be used to complete intra-facility waste transfers, inventory audits, and RCRA inspections.



packaging

Waste packaging operations are supported, including the ability to re-package waste items or containers from one container to another. Waste can be transferred from input to receiving containers based on several methods, including weight, volume, or item-based packaging. For radioactive and hazardous waste, the radionuclides and EPA codes can be automatically evaluated and partitioned to the new containers.

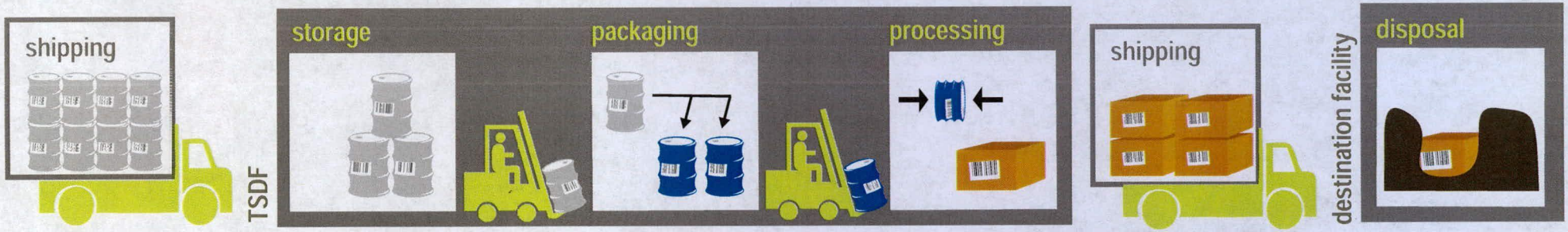


processing

Waste treatment and processing operations are generically supported, and can be customized to support process specific requirements. Process accumulation areas, such as HEPA filters, can be managed for MAR accounting or hazardous waste management purposes. Similar to packaging, radionuclides and hazardous constituents can be automatically evaluated and partitioned to the output containers.

disposal

Disposal facilities can be defined and managed by waste operations. Three tiers of inventory management are provided: disposal facility, disposal unit, and a user-defined x-y-z grid. MAR, permit, and performance assessment inventory requirements can be assigned to each tier of the disposal facility. The application will automatically evaluate and enforce the physical and radiological inventory limits.



technical specs

Waste Stream Characterization – WPF & AK Profiles

- Waste Description & Composition
- RCRA Hazardous Constituents – EPA Codes
- Underlying Hazardous Constituents - UHCs
- Radioisotopes & Nuclear Material Types
- Special Characteristics
- Biennial Reporting Parameters
- Generation Trends & Annual Projections
- Approved Disposition Paths
- Cost Recovery Mode
- Supporting Data / Documentation Archive
- Robust Generation Approval Scheme

Waste Operations

- Treatment & Packaging Operations
- Intra- and Inter-Facility Waste Shipments
- Disposal Operations
- EPA / DOT Uniform Hazardous Waste Manifest
- NRC LLW Manifest

Multi-Tier Inventory Boundaries

- Facility
- Building
- Grid X, Y, Z
- End-user Defined Storage, Disposal, and Unit Operations

Dynamic Radiological and Physical Inventory Assessments

- Pu-239 Fissile Gram Equivalent Limits
- DOE Nuclear Facility Hazard Ranking Compliance – DOE-STD-1027
- RCRA Less Than 90-Day Area Compliance and TSD
- Waste Volume & Mass Limits
- Transaction Compliance Check

Equipment & Tool Management

- Equipment Calibration, Inspection, & Maintenance Tracking
- Scale / Balance Check
- pH Probe Calibration
- Solution Expiration Tracking
- Equipment / Tool Integration with Waste Operations

Data Quality & Management Tools

- Configurable Quality Record Requirements
- Historical Physical & Radiological Inventory Integrity
- Graphical Waste Genealogical Assessment
- Graphical Work Path / Disposition Path Design
- Extensive Compliance & Inventory Reports
- Online Data Dictionary & System Reports
- Automated Notifications – Expiration Dates, <90-day Areas, etc.
- Dynamic Authorization Scheme (User Role, Waste Location, Waste Type)

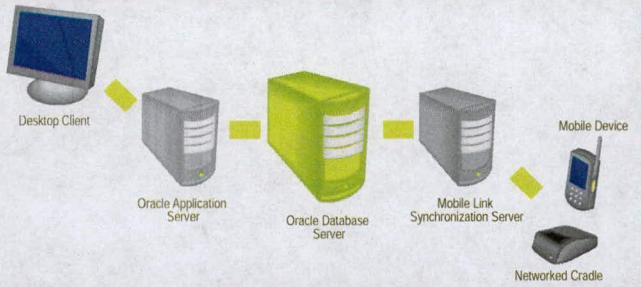
Software Quality Assurance

- Safety Management & Administrative Controls – SMAC:
- Safety Grade - A, Risk Level – 1
- Full Lifecycle Documentation
- Subsystem, Integrated, Comprehensive , & IV&V Tests

System Architecture – 3-Tier Enterprise Class Application

- Oracle 10g Database Engine
- Oracle Application Server 10g
- Oracle ADF/BC4J "JClient" Technology Scope
- Sybase MobiLink Synchronization Server 11
- Afaria 6 Mobile Device Management

Network Services Architecture



External Interfaces

- LANL Data Warehouse for Financial & Employee Data
- LANL LIMS for Analytical Chemistry Results
- LANL ChemLog for Discarded Chemicals
- LANL Radius Server for Crypto Card Authentication

Supported Desktop Clients

- Microsoft Windows XP, Vista, Windows 7+
- MAC OS X 10.4+
- Other Sun Java Runtime 1.5+ Supported OS

Mobile Client for Field Operations

- Windows Mobile 6 Operating System
- Psion Workabout Pro Mobile Computer
- Psion Ikon Mobile Computer

Mobile Computer for Field Operations

- Waste Item Characterization
- Drum Preparation
- Shipment Departure & Receiving Operations
- Intra-Facility Waste Transfers
- RCRA Facility Inspections
- Audit Support Application – Scan & Know

For more information on the developing WCATS application, contact the Waste and Environmental Services-Waste Acceptance Department or email wastehelp@lanl.gov

LA-UR-09-04790

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MSG04.001

Site(s): LANLTA-21 (CCP-AK-LANL-010)	Source Document Tracking Number: C033
Acceptable Knowledge Documentation Type: ✓ TRU Waste Management Program Information ✓ Waste Stream-Specific Information __ Supporting Information	Category: ✓ C - Correspondence __ D - Documents __ M - Miscellaneous __ P - Procedures __ DR - Discrepancy Resolution __ U - Unpublished Documents

Title of Source Document: Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001

Source Document Reference Information (author(s), document and revision number, date, publisher): J. Schoen, NA, Rev. NA, 09/30/2009, P2010-2740

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR6, WS2, WS3, WS9, WS11	Throughout	Data used for the calculations of volumes, dates of generation and radionuclide masses and activities were extracted from the CONCERT and Acceptable Knowledge Isotopic Ratios (AKIR) databases (References M004 and M006). A Radioactive Solid Waste Disposal Record (RSWD) or TRU Waste Storage Record (TWSR) was available, and was reviewed, for each container in this waste stream. A review of this container paperwork reveals that the waste assigned to waste stream LA-MSG04.001 is mixed contaminated soil generated during D&D, sampling activities, and nonstandard events such as the cleanup of spills at the TA-21 DP West Facility As of the date of this letter, waste stream LA-MSG04.001 (soil/gravel from the TA-21 DP West facility) consists of 39 55-gallon drums and 18 other containers, totaling 57 containers (approximately 51 cubic meters [m3]). The package dates for containers in this waste stream range from February, 1978 to May, 1997. Based on an evaluation of the materials contained in this waste stream and LANL waste management practices, waste stream LA-MSG04.001 is comprised of at least 50 percent, but no greater than 95 percent, by volume soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Therefore, Waste Matrix Code S4200 for soils is assigned to this waste stream. Radiological data was available for 100% of the containers in the 57 container population of waste stream LA-MSG04.001. To determine the "Total Radionuclide Weight%" values in the table below, the gram value for each individual radionuclide was summed over the entire waste stream and then divided by the total radiological mass in the waste stream. In the same way, a calculation was performed for "Total Radionuclide Curie%" using the sum of activity values for each radionuclide over the entire waste stream. The "Radionuclide Curie% Range for Individual Containers" was determined by summing the total activity in each container and calculating the curie percent of each radionuclide in each container. To determine the range for a specific radionuclide, the maximum and minimum were identified by reviewing the container-by-container results. The same type calculations were performed to determine the "Radionuclide Weight% Range for Individual Containers". From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and Pu-244, while over 95 percent of the total activity in the waste stream is from Pu-239. The table summarizes the results obtained from these queries for radionuclide, number of containers with the reported radionuclide, total radionuclide weight percent, total radionuclide curie percent, radionuclide weight percent range for individual containers and radionuclide curie percent range

ORIGINAL

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): LANLTA-21 (CCP-AK-LANL-010)		Source Document Tracking Number: C033
AK # [a]	Source Doc. Page # [b]	AK Information Summary
		for individual containers. The weight percent of individual radionuclides varies on a container-bycontainer basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream.

Source Document Data Limitations (If any):

1. None.

Acceptable Knowlege Expert:

Amy Johns (Print) Amy Johns (Sign) Date: 12/9/09

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

C033 P2010-2740

Letter to AK Record

Author: James M. Schoen
CCP AKE
Date: September 30, 2009
Telephone Number: 303-838-6552

Subject: Evaluation of Volume, Period of Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001

Data used for the calculations of volumes, dates of generation and radionuclide masses and activities were extracted from the CONCERT and Acceptable Knowledge Isotopic Ratios (AKIR) databases (References M004 and M006). A Radioactive Solid Waste Disposal Record (RSWD or TRU Waste Storage Record (TWSR) was available, and was reviewed, for each container in this waste stream. A review of this container paperwork reveals that the waste assigned to waste stream LA-MSG04.001 is mixed contaminated soil generated during D&D, sampling activities, and nonstandard events such as the cleanup of spills at the TA-21 DP West Facility

As of the date of this letter, waste stream LA-MSG04.001 (soil/gravel from the TA-21 DP West facility) consists of 39 55-gallon drums and 18 other containers, totaling 57 containers (approximately 51 cubic meters [m^3]). The package dates for containers in this waste stream range from February, 1978 to May, 1997. Based on an evaluation of the materials contained in this waste stream and LANL waste management practices, waste stream LA-MSG04.001 is comprised of at least 50 percent, but no greater than 95 percent, by volume soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Therefore, Waste Matrix Code S4200 for soils is assigned to this waste stream.

Radiological data was available for 100% of the containers in the 57 container population of waste stream LA-MSG04.001. To determine the "Total Radionuclide Weight%" values in the table below, the gram value for each individual radionuclide was summed over the entire waste stream and then divided by the total radiological mass in the waste stream. In the same way, a calculation was performed for "Total Radionuclide Curie%" using the sum of activity values for each radionuclide over the entire waste stream (see attached Excel spreadsheet "LA-MSG04_001 TotalGramsAndCuries.xlsx").

The "Radionuclide Curie% Range for Individual Containers" was determined by summing the total activity in each container and calculating the curie percent of each radionuclide in each container. To determine the range for a specific radionuclide, the maximum and minimum were identified by reviewing the container-by-container results. The same type calculations were performed to determine the "Radionuclide Weight% Range for Individual Containers" (see attached Excel spreadsheet "LA-MSG04_001 Wt% and Ci% By Drum.xlsx").

From this evaluation, the two predominant isotopes for the waste stream are Pu-239 and Pu-244, while over 95 percent of the total activity in the waste stream is from Pu-239. The following table summarizes the results obtained from these queries for radionuclide, number of containers with the reported radionuclide, total radionuclide weight percent, total radionuclide curie percent, radionuclide weight percent range for individual containers and radionuclide curie percent range for individual containers. The weight percent of individual radionuclides varies on a container-by-container basis. Because of this variability in container loadings, some containers will not contain the waste stream predominant radionuclides but may contain other radionuclides expected in this waste stream.

Estimated Radionuclide Distribution in LA-MSG04.001

Radionuclide	Number of Containers with Reported Radionuclide	Total Radionuclide Weight%[1]	Total Radionuclide Curie%[2]	Radionuclide Weight% Range for Individual Containers[3,5]	Radionuclide Curie% Range for Individual Containers[4,5]	Expected Present
WIPP Required Radionuclides						
Am-241	39	Trace	0.03%	0 - 0.01%	0 - 17.47%	Yes
Pu-238	39	Trace	Trace	0 - Trace	0 - 0.57%	Yes
Pu-239	57	**95.73%**	**99.88%**	0 - 100.00%	0 - 100.00%	Yes
Pu-240	1	0.02%	0.07%	0 - 0.43%	0 - 38.07%	Yes
Pu-242	1	Trace	Trace	0 - 0.05%	0 - 0.08%	Yes
U-233	1	Trace	Trace	0 - Trace	0 - 0.01%	Yes
U-234	1	Trace	Trace	0 - Trace	0 - 0.01%	Yes
U-238	1	1.23%	Trace	0 - 28.37%	0 - Trace	Yes
Sr-90	1	Trace	Trace	0 - Trace	0 - 0.02%	Yes
Cs-137	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Additional Radionuclides						
H-3	1	Trace	Trace	0 - Trace	0 - Trace	Yes
I-125	1	Trace	Trace	0 - Trace	0 - 0.02%	Yes
I-129	1	Trace	Trace	0 - 0.05%	0 - Trace	Yes
Np-237	1	0.01%	Trace	0 - 0.13%	0 - 0.04%	Yes
Pb-210	1	Trace	Trace	0 - Trace	0 - 0.48%	Yes
Pu-244	1	**3.01%**	Trace	0 - 69.36%	0 - 0.48%	Yes
Ra-226	1	Trace	Trace	0 - Trace	0 - Trace	Yes
Th-234	1	Trace	0.01%	0 - Trace	0 - 4.62%	Yes
Other Radionuclides that may be present in unknown amounts ("0" data values were reported)						
U-235						

1. This listing indicates the total weight percent of each radionuclide over the entire waste stream.
2. This listing indicates the total activity (curie) percent of each radionuclide over the entire waste stream.
3. This listing is the weight percent range of each radionuclide on a container-by-container basis.
4. This listing is the curie percent range of each radionuclide on a container-by-container basis.
5. "Trace" indicates <0.01 weight or activity (curie) percent for that radionuclide.

LA-MSG04_001 TotalGramsAndCuries.xlsx

Rad_Code	# of Containers	SumOfTotal_grams	TSA	Total Curies	Total Nuclide Wt%	Total Nuclide Ci%
Am-241	39	0.00185294	3.47	0.006429702	0.00%	0.03%
Cs-137	1	1.18E-08	88	1.0384E-06	0.00%	0.00%
H-3	1	7.79E-11	9760	7.60304E-07	0.00%	0.00%
I-125	1	3.21E-10	17600	5.6496E-06	0.00%	0.00%
I-129	1	0.0067	0.000179	1.1993E-06	0.00%	0.00%
Np-237	1	0.0182	0.000713	1.29766E-05	0.01%	0.00%
Pb-210	1	0.00000227	77.2	0.000175244	0.00%	0.00%
Pu-238	39	0.0000121	17.3	0.00020933	0.00%	0.00%
Pu-239	57	311.2206	0.0629	19.57577574	95.73%	99.88%
Pu-240	1	0.0609	0.23	0.014007	0.02%	0.07%
Pu-242	1	0.00753	0.00397	2.98941E-05	0.00%	0.00%
Pu-244	1	9.78	0.0000179	0.000175062	3.01%	0.00%
Ra-226	1	0.00000138	1	0.00000138	0.00%	0.00%
Sr-90	1	4.86E-08	138	6.7068E-06	0.00%	0.00%
Th-234	1	7.33E-08	23200	0.00170056	0.00%	0.01%
U-233	1	0.000531	0.00976	5.18256E-06	0.00%	0.00%
U-234	1	0.00082	0.00632	5.1824E-06	0.00%	0.00%
U-235	38	0	0.00000219	0	0.00%	0.00%
U-238	1	4	0.00000034	0.00000136	1.23%	0.00%
		325.0971498		19.59854397		

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams in Drum	WT% By Drum
56537	Am-241	0.00185294	14.09954982	0.013141838
S780215	Am-241	0	0	
S780251	Am-241	0	0	
S780236	Am-241	0	0	
S780241	Am-241	0	0	
S780250	Am-241	0	0	
S780209	Am-241	0	0	
S780216	Am-241	0	0	
S780249	Am-241	0	0	
S780237	Am-241	0	0	
S780246	Am-241	0	0	
S780210	Am-241	0	0	
S780217	Am-241	0	0	
S780245	Am-241	0	0	
S780208	Am-241	0	0	
S780211	Am-241	0	0	
S780239	Am-241	0	0	
S780244	Am-241	0	0	
S780223	Am-241	0	0	
S780221	Am-241	0	0	
S780243	Am-241	0	0	
S780212	Am-241	0	0	
S780214	Am-241	0	0	
S780242	Am-241	0	0	
S780240	Am-241	0	0	
S780213	Am-241	0	0	
S780238	Am-241	0	0	
S780219	Am-241	0	0	
S780203	Am-241	0	0	
S780222	Am-241	0	0	
S780204	Am-241	0	0	
S780235	Am-241	0	0	
S780205	Am-241	0	0	
S780206	Am-241	0	0	
S780218	Am-241	0	0	
S780252	Am-241	0	0	
S780258	Am-241	0	0	
S780207	Am-241	0	0	
S780234	Am-241	0	0	
56537	Cs-137	1.18E-08	14.09954982	8.36906E-08
56537	H-3	7.79E-11	14.09954982	5.525E-10
56537	I-125	3.21E-10	14.09954982	2.27667E-09
56537	I-129	0.0067	14.09954982	0.047519248

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams in Drum	WT% By Drum
56537	Np-237	0.0182	14.09954982	0.129082135
56537	Pb-210	0.00000227	14.09954982	1.60998E-05
56537	Pu-238	0.0000121	14.09954982	8.58183E-05
S780240	Pu-238	0	0	
S780214	Pu-238	0	0	
S780221	Pu-238	0	0	
S780239	Pu-238	0	0	
S780219	Pu-238	0	0	
S780238	Pu-238	0	0	
S780222	Pu-238	0	0	
S780217	Pu-238	0	0	
S780236	Pu-238	0	0	
S780211	Pu-238	0	0	
S780234	Pu-238	0	0	
S780223	Pu-238	0	0	
S780215	Pu-238	0	0	
S780237	Pu-238	0	0	
S780218	Pu-238	0	0	
S780216	Pu-238	0	0	
S780235	Pu-238	0	0	
S780208	Pu-238	0	0	
S780203	Pu-238	0	0	
S780204	Pu-238	0	0	
S780205	Pu-238	0	0	
S780206	Pu-238	0	0	
S780258	Pu-238	0	0	
S780252	Pu-238	0	0	
S780207	Pu-238	0	0	
S780251	Pu-238	0	0	
S780213	Pu-238	0	0	
S780250	Pu-238	0	0	
S780249	Pu-238	0	0	
S780209	Pu-238	0	0	
S780243	Pu-238	0	0	
S780241	Pu-238	0	0	
S780242	Pu-238	0	0	
S780212	Pu-238	0	0	
S780244	Pu-238	0	0	
S780246	Pu-238	0	0	
S780210	Pu-238	0	0	
S780245	Pu-238	0	0	
S792216	Pu-239	0.18	0.18	100
S794056	Pu-239	3.83	3.83	100

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams in Drum	WT% By Drum
S794046	Pu-239	6.388	6.388	100
S794044	Pu-239	6.388	6.388	100
S794043	Pu-239	6.385	6.385	100
S792215	Pu-239	0.18	0.18	100
S792214	Pu-239	0.22	0.22	100
S792213	Pu-239	3.85	3.85	100
S792211	Pu-239	4.75	4.75	100
S813315	Pu-239	1.61	1.61	100
S813289	Pu-239	19.16	19.16	100
S813323	Pu-239	13.28	13.28	100
S813262	Pu-239	143.7	143.7	100
S813241	Pu-239	11.5	11.5	100
S813240	Pu-239	78.81	78.81	100
S813225	Pu-239	0.5	0.5	100
S794119	Pu-239	0.3066	0.3066	100
S805331	Pu-239	9.96	9.96	100
S6537	Pu-239	0.223	14.09954982	1.58161078
S780213	Pu-239	0	0	
S780219	Pu-239	0	0	
S780215	Pu-239	0	0	
S780203	Pu-239	0	0	
S780212	Pu-239	0	0	
S780204	Pu-239	0	0	
S780218	Pu-239	0	0	
S780206	Pu-239	0	0	
S780216	Pu-239	0	0	
S780208	Pu-239	0	0	
S780209	Pu-239	0	0	
S780217	Pu-239	0	0	
S780214	Pu-239	0	0	
S780207	Pu-239	0	0	
S780211	Pu-239	0	0	
S780210	Pu-239	0	0	
S780205	Pu-239	0	0	
S780249	Pu-239	0	0	
S780241	Pu-239	0	0	
S780252	Pu-239	0	0	
S780242	Pu-239	0	0	
S780243	Pu-239	0	0	
S780239	Pu-239	0	0	
S780240	Pu-239	0	0	
S780245	Pu-239	0	0	
S780246	Pu-239	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams In Drum	WT% By Drum
S780250	Pu-239	0	0	
S780258	Pu-239	0	0	
S780251	Pu-239	0	0	
S780244	Pu-239	0	0	
S780235	Pu-239	0	0	
S780221	Pu-239	0	0	
S780222	Pu-239	0	0	
S780223	Pu-239	0	0	
S780237	Pu-239	0	0	
S780238	Pu-239	0	0	
S780236	Pu-239	0	0	
S780234	Pu-239	0	0	
56537	Pu-240	0.0609	14.09954982	0.431928684
56537	Pu-242	0.00753	14.09954982	0.05340596
56537	Pu-244	9.78	14.09954982	69.36391674
56537	Ra-226	0.00000138	14.09954982	9.78755E-06
56537	Sr-90	4.86E-08	14.09954982	3.44692E-07
56537	Th-234	7.33E-08	14.09954982	5.19875E-07
56537	U-233	0.000531	14.09954982	0.003766078
56537	U-234	0.00082	14.09954982	0.005815789
S780204	U-235	0	0	
S780203	U-235	0	0	
S780205	U-235	0	0	
S780258	U-235	0	0	
S780252	U-235	0	0	
S780235	U-235	0	0	
S780208	U-235	0	0	
S780213	U-235	0	0	
S780239	U-235	0	0	
S780238	U-235	0	0	
S780214	U-235	0	0	
S780237	U-235	0	0	
S780240	U-235	0	0	
S780236	U-235	0	0	
S780212	U-235	0	0	
S780216	U-235	0	0	
S780234	U-235	0	0	
S780217	U-235	0	0	
S780223	U-235	0	0	
S780218	U-235	0	0	
S780221	U-235	0	0	
S780215	U-235	0	0	
S780245	U-235	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Grams of Nuclide	Total Rad Grams In Drum	WT% By Drum
S780251	U-235	0	0	
S780207	U-235	0	0	
S780250	U-235	0	0	
S780249	U-235	0	0	
S780222	U-235	0	0	
S780246	U-235	0	0	
S780209	U-235	0	0	
S780206	U-235	0	0	
S780244	U-235	0	0	
S780210	U-235	0	0	
S780243	U-235	0	0	
S780211	U-235	0	0	
S780242	U-235	0	0	
S780241	U-235	0	0	
S780219	U-235	0	0	
56537	U-238	4	14.09954982	28.3697001

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies in Drum	Ci% By Drum
56537	Am-241	0.006429702	0.036794928	17.47442426
S780215	Am-241	0	0	
S780251	Am-241	0	0	
S780236	Am-241	0	0	
S780241	Am-241	0	0	
S780250	Am-241	0	0	
S780209	Am-241	0	0	
S780216	Am-241	0	0	
S780249	Am-241	0	0	
S780237	Am-241	0	0	
S780246	Am-241	0	0	
S780210	Am-241	0	0	
S780217	Am-241	0	0	
S780245	Am-241	0	0	
S780208	Am-241	0	0	
S780211	Am-241	0	0	
S780239	Am-241	0	0	
S780244	Am-241	0	0	
S780223	Am-241	0	0	
S780221	Am-241	0	0	
S780243	Am-241	0	0	
S780212	Am-241	0	0	
S780214	Am-241	0	0	
S780242	Am-241	0	0	
S780240	Am-241	0	0	
S780213	Am-241	0	0	
S780238	Am-241	0	0	
S780219	Am-241	0	0	
S780203	Am-241	0	0	
S780222	Am-241	0	0	
S780204	Am-241	0	0	
S780235	Am-241	0	0	
S780205	Am-241	0	0	
S780206	Am-241	0	0	
S780218	Am-241	0	0	
S780252	Am-241	0	0	
S780258	Am-241	0	0	
S780207	Am-241	0	0	
S780234	Am-241	0	0	
56537	Cs-137	1.0384E-06	0.036794928	0.002822128
56537	H-3	7.60304E-07	0.036794928	0.002066328
56537	I-125	5.6496E-06	0.036794928	0.01535429
56537	I-129	1.1993E-06	0.036794928	0.003259417

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies In Drum	Ci% By Drum
S6537	Np-237	1.29766E-05	0.036794928	0.035267361
S6537	Pb-210	0.000175244	0.036794928	0.476272166
S6537	Pu-238	0.00020933	0.036794928	0.568909934
S780240	Pu-238	0	0	
S780214	Pu-238	0	0	
S780221	Pu-238	0	0	
S780239	Pu-238	0	0	
S780219	Pu-238	0	0	
S780238	Pu-238	0	0	
S780222	Pu-238	0	0	
S780217	Pu-238	0	0	
S780236	Pu-238	0	0	
S780211	Pu-238	0	0	
S780234	Pu-238	0	0	
S780223	Pu-238	0	0	
S780215	Pu-238	0	0	
S780237	Pu-238	0	0	
S780218	Pu-238	0	0	
S780216	Pu-238	0	0	
S780235	Pu-238	0	0	
S780208	Pu-238	0	0	
S780203	Pu-238	0	0	
S780204	Pu-238	0	0	
S780205	Pu-238	0	0	
S780206	Pu-238	0	0	
S780258	Pu-238	0	0	
S780252	Pu-238	0	0	
S780207	Pu-238	0	0	
S780251	Pu-238	0	0	
S780213	Pu-238	0	0	
S780250	Pu-238	0	0	
S780249	Pu-238	0	0	
S780209	Pu-238	0	0	
S780243	Pu-238	0	0	
S780241	Pu-238	0	0	
S780242	Pu-238	0	0	
S780212	Pu-238	0	0	
S780244	Pu-238	0	0	
S780246	Pu-238	0	0	
S780210	Pu-238	0	0	
S780245	Pu-238	0	0	
S792216	Pu-239	0.011322	0.011322	100
S794056	Pu-239	0.240907	0.240907	100

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies in Drum	Ci% By Drum
S794046	Pu-239	0.4018052	0.4018052	100
S794044	Pu-239	0.4018052	0.4018052	100
S794043	Pu-239	0.4016165	0.4016165	100
S792215	Pu-239	0.011322	0.011322	100
S792214	Pu-239	0.013838	0.013838	100
S792213	Pu-239	0.242165	0.242165	100
S792211	Pu-239	0.298775	0.298775	100
S813315	Pu-239	0.101269	0.101269	100
S813289	Pu-239	1.205164	1.205164	100
S813323	Pu-239	0.835312	0.835312	100
S813262	Pu-239	9.03873	9.03873	100
S813241	Pu-239	0.72335	0.72335	100
S813240	Pu-239	4.957149	4.957149	100
S813225	Pu-239	0.03145	0.03145	100
S794119	Pu-239	0.01928514	0.01928514	100
S805331	Pu-239	0.626484	0.626484	100
56537	Pu-239	0.0140267	0.036794928	38.12128686
S780213	Pu-239	0	0	
S780219	Pu-239	0	0	
S780215	Pu-239	0	0	
S780203	Pu-239	0	0	
S780212	Pu-239	0	0	
S780204	Pu-239	0	0	
S780218	Pu-239	0	0	
S780206	Pu-239	0	0	
S780216	Pu-239	0	0	
S780208	Pu-239	0	0	
S780209	Pu-239	0	0	
S780217	Pu-239	0	0	
S780214	Pu-239	0	0	
S780207	Pu-239	0	0	
S780211	Pu-239	0	0	
S780210	Pu-239	0	0	
S780205	Pu-239	0	0	
S780249	Pu-239	0	0	
S780241	Pu-239	0	0	
S780252	Pu-239	0	0	
S780242	Pu-239	0	0	
S780243	Pu-239	0	0	
S780239	Pu-239	0	0	
S780240	Pu-239	0	0	
S780245	Pu-239	0	0	
S780246	Pu-239	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies In Drum	Ci% By Drum
S780250	Pu-239	0	0	
S780258	Pu-239	0	0	
S780251	Pu-239	0	0	
S780244	Pu-239	0	0	
S780235	Pu-239	0	0	
S780221	Pu-239	0	0	
S780222	Pu-239	0	0	
S780223	Pu-239	0	0	
S780237	Pu-239	0	0	
S780238	Pu-239	0	0	
S780236	Pu-239	0	0	
S780234	Pu-239	0	0	
56537	Pu-240	0.014007	0.036794928	38.06774687
56537	Pu-242	2.98941E-05	0.036794928	0.081245165
56537	Pu-244	0.000175062	0.036794928	0.475777533
56537	Ra-226	0.00000138	0.036794928	0.003750517
56537	Sr-90	6.7068E-06	0.036794928	0.018227512
56537	Th-234	0.00170056	0.036794928	4.621723968
56537	U-233	5.18256E-06	0.036794928	0.014084985
56537	U-234	5.1824E-06	0.036794928	0.01408455
S780204	U-235	0	0	
S780203	U-235	0	0	
S780205	U-235	0	0	
S780258	U-235	0	0	
S780252	U-235	0	0	
S780235	U-235	0	0	
S780208	U-235	0	0	
S780213	U-235	0	0	
S780239	U-235	0	0	
S780238	U-235	0	0	
S780214	U-235	0	0	
S780237	U-235	0	0	
S780240	U-235	0	0	
S780236	U-235	0	0	
S780212	U-235	0	0	
S780216	U-235	0	0	
S780234	U-235	0	0	
S780217	U-235	0	0	
S780223	U-235	0	0	
S780218	U-235	0	0	
S780221	U-235	0	0	
S780215	U-235	0	0	
S780245	U-235	0	0	

LA-MSG04_001 Wt% and Ci% By Drum.xlsx

SHORT_ID	Rad_Code	Total Curies of Nuclide	Total Curies in Drum	Ci% By Drum
S780251	U-235	0	0	
S780207	U-235	0	0	
S780250	U-235	0	0	
S780249	U-235	0	0	
S780222	U-235	0	0	
S780246	U-235	0	0	
S780209	U-235	0	0	
S780206	U-235	0	0	
S780244	U-235	0	0	
S780210	U-235	0	0	
S780243	U-235	0	0	
S780211	U-235	0	0	
S780242	U-235	0	0	
S780241	U-235	0	0	
S780219	U-235	0	0	
56537	U-238	0.00000136	0.036794928	0.003696162

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 212, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	575-234-7523	Date Sent:	12/10/09 12/10/09 CD 12/10/09

Document Number	Title/Description	Record Date	Total Pages
C033	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	12/10/2009	1
NA	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001	9/30/2009	13

Comments
None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 12/21/09 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	0030
DESTINATION TEL #	92347138
DESTINATION ID	CHEZIE
ST. TIME	12/22 10:15
TIME USE	00'16
PAGES SENT	1
RESULT	OK

Controlled Copy

CCP-QP-008, Rev. 16 **Effective Date: 10/28/2009**
CCP Records Management **Page 33 of 33**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 212, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8668
Telephone Number:	575-234-7523	Date Sent:	~~12/9/09~~ 12/10/09 CD 12/10/09

Document Number	Title/Description	Revision	Number of Pages
C033	Attachment 3 – Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	12/10/2009	1
NA	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001	8/30/2009	13

Comments:
None

Acceptance/Rejection Signature and Date

Records Accepted	☑	Sonia Gonzalez Signature	SONIA GONZALEZ Printed Name	12/21/09 Date
Records Rejected	☐	_____ Signature	_____ Printed Name	_____ Date

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C043

Waste Stream Number(s): LA-CIN04.001, LA-MHD04.001, LA-MSG04.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☑ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Transmittal of Kitty Litters Used in Nitrate Salt Processing

Source Document Reference Information (author(s), document and revision number, date, publisher): Miles Smith, NA, Rev. NA, 05/14/2014, P2010-3688

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS8, WS9	Throughout	Listing of all kitty litter absorbents purchased for nitrate salt processing. This data represents an extensive search of purchase records listed by date and backed up by copies of the purchase documents for each item on the list. Additionally, included is the product information on each of the 6 types of organic kitty litter used.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowledge Expert:

Amy Johns (Print) Amy Johns (/Sign) Date: 8/6/2014

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

NTPC RECORDS ORIGINAL
DATE REC'D 8-20-14

P2010-3688

ENERGYSOLUTIONS

Date: **May 15, 2014**

To: **Dan Cox**

From: **Miles Smith**

Subject: **Transmittal of Kitty Litters Used in Nitrate Salt Processing**

Please find attached the listing of all kitty litter absorbents we purchased for the nitrate salt processing. This data represents an extensive search of our purchase records listed by date and backed up by copies of the purchase documents for each item on the list. Additionally, we have included the product information on each of the 6 types of organic kitty litter we used.

Of the 1149 containers of kitty litter that we bought 1135 were Swheat with 14 bags being other brands of organic kitty litter. In terms of weight we used 44,463 lbs of kitty litter of which Swheat was 43,981 lbs (98.9%) and other types were 482 lbs (1.1%). The 482 lbs breakdown as follows: Pine based 360 lbs, Walnut based 34 lbs, Recycled Newspaper based 60 lbs, and Cedar, Corn, and Pine based 28 lbs.

Revision 36 of EP-WCRR-WO-DOP-0233, effective August 1 2012, implemented the use of organic absorbents for processing nitrate salts. Swheat was chosen as the preferred organic kitty litter because it was readily available, low dust content, and no perfumes nor other chemicals. The non-Swheat kitty litters we used were bought in place of the Swheat only on the occasions we were running short on Swheat kitty litter. These products were chosen because of their immediate availability, organic base, and lack of perfumes/chemicals similar to Swheat. The first time kitty litter other than Swheat was purchased was October 18, 2012 and subsequently on November 1, 2012

Between December 6, 2012 and July 9, 2013, the only kitty litter we purchased was Swheat. On July 10, 2013 we purchased two, 14 lbs bags of Tidy Cat Pure which is a Cedar, Corn and Pine based absorbent. At the same time that we purchased this from the local Smith's we also bought all of their remaining stock of Swheat. The reason for these purchases was that due to the Independence Day Holiday we did not receive the bulk order we had placed on June 21, 2013. Therefore we ran low on kitty litter and had to make an emergency purchase. At this time we were processing a drum that did not have liquids, but knew that an upcoming drum(s) did contain liquids. So, our supplies coordinator was sent to make the emergency purchase.

Based upon review of logbooks we have determined that the two bags of Tidy Cat were used in processing one of two parent containers (S813470 or S816394). Parent container S813470 was from SP57 and did not contain nitrate salts. It yielded three daughter containers (93994, 93997, and 93998) and three POCs (93995, 93996, and 94001). In this parent, 2-gallons of free liquid were found. Parent drum S813470 was processed starting July 10, 2013 at 1631 hrs and finished July 11, 2013 at 0523 hrs. The other parent container (S816394) did contain nitrate salts and had 2-gallons of free liquids. It yielded one daughter container (94003). S816394 was processed starting July 11, 2013 at 0804 hrs and was completed on the same day at 1052 hrs.

Because these two parent containers had a total of 4-gallons of free liquids and because they generated four daughter drums and three POCs all of the 28 lbs of Tidy Cat and 48 lbs of Swheat we bought from Smith's on July 10 were used. After this date only Swheat was bought.

The nitrate salt containers residing in Panel 7, Room 7 at WIPP were processed between August 8, 2013 and December 4, 2013. Therefore, the only kitty litter used on these containers was Swheat.

Kitty Litter Purchases

DATE	DATE RECEIVED	VENDOR	# PURCHASED	TYPE PURCHASED
9/27/2012	10/2/2012	Wag.com	15	Swheat Multi-Cat 40lb bag
9/28/2012	unknown	Chewy.com	6	Swheat Original 40lb bag
9/28/2012	9/28/2012	Petsense	1	Swheat Original 40lb bag
9/28/2012	9/28/2012	Petsense	2	Swheat Original 25lb bag
10/4/2012	unknown	Chewy.com	14	Swheat Original 40lb bag
10/16/2012	10/24/2012	Chewy.com	20	Swheat Original 40lb bag
10/17/2012	10/24/2012	Wag.com	22	Swheat Original 40lb bag
10/18/2012	10/18/2012	Petsmart	2	Yesterday's News (Purina) Original 30lb bag
10/18/2012	10/18/2012	Petsmart	1	Blue Buffalo Kitty Litter 34lb bag
10/18/2012	10/18/2012	Petsmart	4	ExquisiCat Pine Litter 40lb bag
10/18/2012	10/18/2012	Petsmart	2	Swheat Original Bonus Bag 50lb bag
10/18/2012	10/18/2012	Petsmart	2	Swheat Original 25lb bag
11/1/2012	unknown	Chewy.com	25	Swheat Original 40lb bag
11/1/2012	unknown	Chewy.com	5	Feline Pine Original 40lb bag
12/6/2012	12/12/2013	Chewy.com	20	Swheat Original 40lb bag
1/21/2013	1/24/2013	Chewy.com	30	Swheat Original 40lb bag
2/26/2013	3/1/2013	Chewy.com	24	Swheat Multi-Cat 40lb bag
3/5/2013	3/11/2013	Chewy.com	25	Swheat Multi-Cat 40lb bag
3/21/2013	unknown	Chewy.com	36	Swheat Multi-Cat 40lb bag
3/27/2013	4/1/2013	Chewy.com	14	Swheat Multi-Cat 40lb bag
4/29/2013	5/3/2013	Chewy.com	12	Swheat Multi-Cat 40lb bag
5/2/2013	5/7/2013	Chewy.com	46	Swheat Multi-Cat 40lb bag
5/2/2013	5/2/2013	Pet Pangaea	5	Swheat Original 40lb bag
5/2/2013	5/2/2013	Petsmart	5	Swheat Original 40lb bag
5/2/2013	5/2/2013	Petsmart	5	Swheat Multi-Cat 40lb bag
5/2/2013	5/2/2013	Petsmart	5	Swheat Original 25lb bag
5/2/2013	5/2/2013	Petsmart	5	Swheat Multi-Cat 25lb bag
5/10/2013	5/15/2013	Chewy.com	4	Swheat Multi-Cat 40lb bag
6/21/2013	unknown	Chewy.com	50	Swheat Multi-Cat 40lb bag
7/10/2013	7/10/2013	Smith's	2	Tidy Cat Pure Nature 14 lb bag
7/10/2013	7/10/2013	Smith's	4	Swheat Original 12lb boxes
8/27/2013	unknown	Chewy.com	50	Swheat Original 40lb bag
8/27/2013	8/29/2013	Wag.com	6	Swheat Original 40lb bag

8/27/2013	8/29/2013	Wag.com	6	Swheat Multi-Cat 40lb bag
9/13/2013	9/19/2013-9/25/13	Chewy.com	21	Swheat Multi-Cat 40lb bag
9/16/2013			19	
9/19/2013			10	
9/24/2013	9/24/2013	Pet Pangaea	3	Swheat Original 40lb bag
9/24/2013	9/24/2013	Petco	10	Swheat Multi-Cat 25lb bag
9/24/2013	9/24/2013	Petco	9	Swheat Multi-Cat 40lb bag
9/24/2013	9/24/2013	Petco	6	Swheat Original 40lb bag
9/24/2013	9/24/2013	Petsmart	8	Swheat Multi-Cat 40lb bag
9/24/2013	9/24/2013	Petsmart	3	Swheat Original 40lb bag
10/4/2013	10/4/2013	Smith's	2	Swheat Original 12lb boxes
10/4/2013	10/4/2013	Pet Pangaea	2	Swheat Original 12lb boxes
10/4/2013	10/4/2013	Petsmart	4	Swheat Multi-Cat 25lb bag
10/4/2013	10/4/2013	Petsmart	3	Swheat Original 25lb bag
10/4/2013	10/4/2013	Petsmart	7	Swheat Multi-Cat 40lb bag
10/4/2013	10/4/2013	Petsmart	5	Swheat Original 40lb bag
10/4/2013	10/8/13-10/9/13	Amazon.com	25	Swheat Multi-Cat 25lb bag
10/4/2013	10/9/2013	Amazon.com	10	Swheat Multi-Cat 40lb bag
10/4/2013	10/9/2013	Amazon.com	20	Swheat Multi-Cat 25lb bag
10/4/2013	10/9/2013	Amazon.com	5	Swheat Original 25lb bag
10/6/2013	10/6/2013	Petsmart	4	Swheat Original 40lb bag
10/6/2013	10/6/2013	Petsmart	4	Swheat Multi-Cat 40lb bag
10/9/2013	unknown	Animal Supply	80	Swheat Original 40lb bag
10/28/2013	10/29/2013	Animal Supply	48	Swheat Original 40lb bag
11/5/2013	unknown	Animal Supply	48	Swheat Original 40lb bag
11/12/2013	unknown	Animal Supply	58	Swheat Original 40lb bag
11/21/2013	unknown	Animal Supply	52	Swheat Original 40lb bag
12/2/2013	unknown	Animal Supply	52	Swheat Original 40lb bag
1/13/2014	unknown	Animal Supply	52	Swheat Original 40lb bag
1/21/2014	unknown	Animal Supply	52	Swheat Original 40lb bag
2/18/2014	unknown	Animal Supply	52	Swheat Original 40lb bag
		Total Bags:	**1149**	
		Total SWHEAT Bags:	**1135**	
		Other Bags:	**14**	

Order History

BELOW YOU CAN...

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10/2/12

Order Date:	Order Number:	Total:
Thursday, September 27, 2012	**17795371** Reorder Items »	**$584.85**

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 1	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z190YF60359549376	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter — 1 — $38.99

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 2	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z190YF60311211720	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter — 1 — $38.99

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 3	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z190YF60386025795	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter — 1 — $38.99

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 4	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z190YF60379704642	**Shipped** Report a Lost or Late shipment

Swheat Scoop Multicat Litter — 1 — $38.99

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 5	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60348971475	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter	1	**$38.99**	

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 6	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60355015889	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter	1	**$38.99**	

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 7	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60360575460	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter	1	**$38.99**	

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 8	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60381155429	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter	1	**$38.99**	

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 9	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60381919808	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter	1	**$38.99**	

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 10	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60363637754	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter	1	**$38.99**	

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 11	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60371611855	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter	1	**$38.99**

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 12	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60381054591	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter — 1 — **$38.99**

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 13	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60376717630	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter — 1 — **$38.99**

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 14	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60369357369	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter — 1 — **$38.99**

Expected Delivery:	Ship To:	Shipping Method:	Status:
Tuesday, October 02, 2012 Shipment 15	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z190YF60389561411	**Shipped** Report a Lost or Late shipment »

Swheat Scoop Multicat Litter — 1 — **$38.99**

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Order #473937

Order Placed: Sep 28, 2012
Order Status: Shipped
Order Total: $227.94

Shipped on Sep 28, 2012

Printable Invoice

1 package via FEDEX HOME DELIVERY with tracking number 017136211039956
1 package via FEDEX HOME DELIVERY with tracking number 017136211039932
1 package via FEDEX HOME DELIVERY with tracking number 017136211039918
1 package via FEDEX HOME DELIVERY with tracking number 017136211039901
1 package via FEDEX HOME DELIVERY with tracking number 017136211039949
1 package via FEDEX HOME DELIVERY with tracking number 017136211039925

Qty	Item	Unit Price	Discount	Total
6	Swheat Scoop Original Natural Clumping Wheat Cat Litter, 40-lb bag	$37.99		$227.94

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$227.94
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$227.94**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5996

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$227.94
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$227.94**

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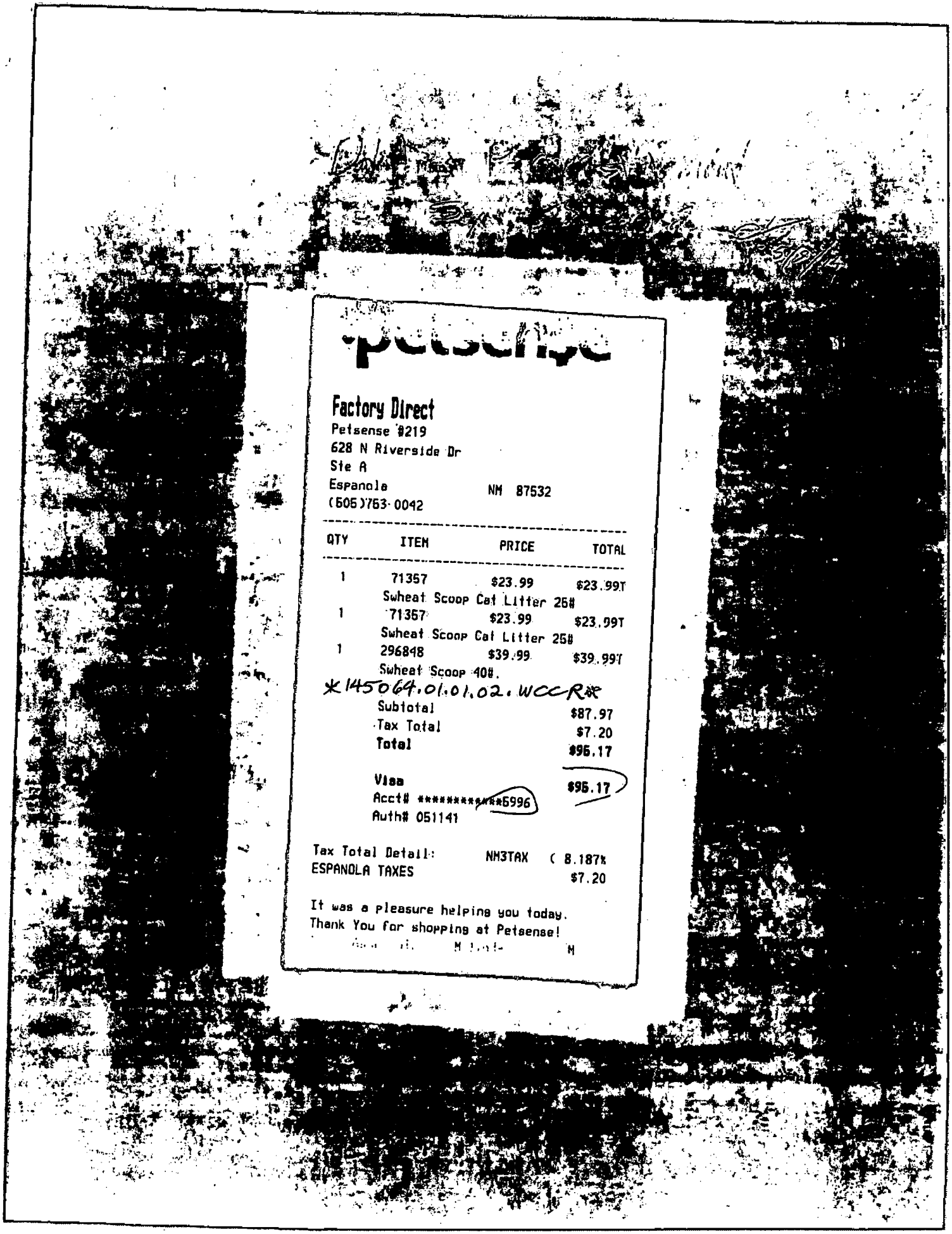

petsense

Factory Direct
Petsense #219
628 N Riverside Dr
Ste A
Espanola NM 87532
(505)753-0042

QTY	ITEM	PRICE	TOTAL
1	71357	$23.99	$23.99T
	Sweet Scoop Cat Litter 26#		
1	71357	$23.99	$23.99T
	Sweet Scoop Cat Litter 26#		
1	296848	$39.99	$39.99T
	Sweet Scoop 40#.		

*145064.01.01.02.WCCR**

Subtotal	$87.97
Tax Total	$7.20
Total	**$95.17**
Visa	**$95.17**
Acct# **********5996	
Auth# 051141	

Tax Total Detail: NM3TAX (8.187% ESPANOLA TAXES $7.20

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Order #488079

Order Placed: Oct 4, 2012
Order Status: Shipped
Order Total: $531.86

Shipped on Oct 5, 2012

Printable Invoice

1 package via FEDEX GROUND with tracking number 017136211886925
1 package via FEDEX GROUND with tracking number 017136211886932
1 package via FEDEX GROUND with tracking number 017136211886949
1 package via FEDEX GROUND with tracking number 017136211886901
1 package via FEDEX GROUND with tracking number 017136211886956
1 package via FEDEX GROUND with tracking number 017136211886918
1 package via FEDEX GROUND with tracking number 017136211886970
1 package via FEDEX GROUND with tracking number 017136211887014
1 package via FEDEX GROUND with tracking number 017136211886987
1 package via FEDEX GROUND with tracking number 017136211887007
1 package via FEDEX GROUND with tracking number 017136211887038
1 package via FEDEX GROUND with tracking number 017136211886994
1 package via FEDEX GROUND with tracking number 017136211886963
1 package via FEDEX GROUND with tracking number 017136211887021

Qty	Item	Unit Price	Discount	Total
14	Swheat Scoop Original Natural Clumping Wheat Cat Litter, 40-lb bag	$37.99		$531.86

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$531.86
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$531.86**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5996

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$531.86
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$531.86**

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Order #512248

Order Placed: Oct 16, 2012
Order Status: Shipped
Order Total: $759.80

Shipped on Oct 17, 2012

Printable Invoice

1 package via FEDEX GROUND with tracking number 017136213474267
1 package via FEDEX GROUND with tracking number 017136213474212
1 package via FEDEX GROUND with tracking number 017136213474182
1 package via FEDEX GROUND with tracking number 017136213474236
1 package via FEDEX GROUND with tracking number 017136213474137
1 package via FEDEX GROUND with tracking number 017136213474229
1 package via FEDEX GROUND with tracking number 017136213474250
1 package via FEDEX GROUND with tracking number 017136213474106
1 package via FEDEX GROUND with tracking number 017136213474120
1 package via FEDEX GROUND with tracking number 017136213474113
1 package via FEDEX GROUND with tracking number 017136213474281
1 package via FEDEX GROUND with tracking number 017136213474175
1 package via FEDEX GROUND with tracking number 017136213474168
1 package via FEDEX GROUND with tracking number 017136213474243
1 package via FEDEX GROUND with tracking number 017136213474151
1 package via FEDEX GROUND with tracking number 017136213474144
1 package via FEDEX GROUND with tracking number 017136213474090
1 package via FEDEX GROUND with tracking number 017136213474274
1 package via FEDEX GROUND with tracking number 017136213474205
1 package via FEDEX GROUND with tracking number 017136213474199

Qty	Item	Unit Price	Discount	Total
20	Swheat Scoop Original Natural Clumping Wheat Cat Litter, 40-lb bag	$37.99		$759.80

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$759.80
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$759.80**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5996

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$759.80
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$759.80**

If you have any questions regarding your order, please contact customer care at **1-800-67-CHEWY** (672-4399).

Order Date:	Order Number:	Total:
Monday, October 29, 2012	**18388923** Reorder Items »	**$579.70**

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, Nov. 1	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND	**Credit Card Rejected**

Simply Pine — 30 — $599.70
Simply Pine Cat Litter

Order Date:	Order Number:	Total:
Wednesday, October 17, 2012	**18169747** Reorder Items »	**$923.78**

Expected Delivery:	Ship To:	Shipping Method:	Status:
Friday, October 26, 2012 Shipment 1	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z6W0994035483757	**Problem Resolved**

Swheat Scoop — 1 — $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 2	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z6W0994032986540	**Problem Resolved**

Swheat Scoop — 1 — $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 3	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z6W0994030112021	**Problem Resolved**

Swheat Scoop — 1 — $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 4	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z6W0994035319457	**Problem Resolved**

Swheat Scoop — 1 — $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 5	Gina Sanchez 176 Central Park SQ Los Alamos, NM 87544	UPS GROUND 1Z6W0994035260436	**Problem Resolved**

1 $41.99

10/24/12

Swheat Scoop
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 6	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z6W0994036523880 7	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 7	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z6W0994036364933 1	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 8	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z6W0994033178502 0	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 9	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z6W0994033187983 0	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 10	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z6W0994034070578 7	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 11	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z6W0994031924616 2	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012 Shipment 12	**Gina Sanchez**	**UPS GROUND** 1Z6W0994032B0b059[illegible]	**Problem Resolved**

176 Central Park SQ
Los Alamos, NM
87544

Swheat Scoop 1 $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012	**Gina Sanchez**	**UPS GROUND**	**Problem Resolved**
Shipment 13	176 Central Park SQ Los Alamos, NM 87544	1Z6W09940322760975	

Swheat Scoop 1 $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012	**Gina Sanchez**	**UPS GROUND**	**Problem Resolved**
Shipment 14	176 Central Park SQ Los Alamos, NM 87544	1Z6W09940354438764	

Swheat Scoop 1 $41.99
Natural Wheat Clumping Litter

10|25|12

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012	**Gina Sanchez**	**UPS GROUND**	**Problem Resolved**
Shipment 15	176 Central Park SQ Los Alamos, NM 87544	1Z6W09940374110590	

Swheat Scoop 1 $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012	**Gina Sanchez**	**UPS GROUND**	**Problem Resolved**
Shipment 16	176 Central Park SQ Los Alamos, NM 87544	1Z6W09940363409948	

Swheat Scoop 1 $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Thursday, October 25, 2012	**Gina Sanchez**	**UPS GROUND**	**Problem Resolved**
Shipment 17	176 Central Park SQ Los Alamos, NM 87544	1Z6W09940355371753	

Swheat Scoop 1 $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Monday, October 22, 2012	**Gina Sanchez**	**UPS GROUND**	**Problem Resolved**
Shipment 18	176 Central Park SQ Los Alamos, NM 87544	1Z18447YYD3805336[illegible]	

Swheat Scoop 1 $41.99
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:

Monday, October 22, 2012 Shipment 19	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z18447W0366900959	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Monday, October 22, 2012 Shipment 20	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z18447W0304781642	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Monday, October 22, 2012 Shipment 21	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z18447W0363663481	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

Expected Delivery:	Ship To:	Shipping Method:	Status:
Monday, October 22, 2012 Shipment 22	**Gina Sanchez** 176 Central Park SQ Los Alamos, NM 87544	**UPS GROUND** 1Z18447W0378863644	**Problem Resolved**

Swheat Scoop 1 **$41.99**
Natural Wheat Clumping Litter

6 Results 1 2

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COMMUNITY CASHIER-397701

Yesterday's News - recycled!

13#s 0004755710030 CAT LITTER S 31.98
PetPerks (REG 16.99)
YOU SAVED 1.00 EA
2 @ 15.99
0078774822590 40#LITTER 59.98 - sweet scoop
2 @ 29.99
0078774822890 CATLITTER 27.99 - sweet scoop
0085961000757 CLUMPING 34# 31.99 ✓
PetPerks (REG 35.99) - Blue Buffalo -
YOU SAVED 4.00 EA
0078774822894 CAT LITTER S 55.98 - bonus sweet scoop
2 @ 27.99
0078774822890 CATLITTER 27.99 - sweet scoop.
13#s 0073725726371 40LB EXOCAT 59.96
4 @ 14.99 ✓ (pine litter)

SUBTOTAL 295.87
TAX 8.188% 24.23
TOTAL 320.10
VISA (MSR) 320.10
XXXXXXXXXXXX0388
090399 / Primary / 14251
TOTAL ITEMS SOLD:13
TOTAL ITEMS RETURNED:0
CHANGE DUE 0.00

145064.01.01.02.WCCR
RECEIPT VALID THROUGH 12/17/2012

4398013810 1

10/16/2012 11:44 AM

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(1-800-672-4399)
Chat Live

Order #545439

Order Placed: Nov 1, 2012
Order Status: Shipped
Order Total: $1,089.70

Shipped on Nov 1, 2012

Printable Invoice

1 package via FEDEX GROUND with tracking number 017136215199311
1 package via FEDEX GROUND with tracking number 017136215199229
1 package via FEDEX GROUND with tracking number 017136215199304
1 package via FEDEX GROUND with tracking number 017136215199250
1 package via FEDEX GROUND with tracking number 017136215199472
1 package via FEDEX GROUND with tracking number 017136215199267
1 package via FEDEX GROUND with tracking number 017136215199502
1 package via FEDEX GROUND with tracking number 017136215199366
1 package via FEDEX GROUND with tracking number 017136215199496
1 package via FEDEX GROUND with tracking number 017136215199489
1 package via FEDEX GROUND with tracking number 017136215199359
1 package via FEDEX GROUND with tracking number 017136215199212
1 package via FEDEX GROUND with tracking number 017136215199427
1 package via FEDEX GROUND with tracking number 017136215199434
1 package via FEDEX GROUND with tracking number 017136215199328
1 package via FEDEX GROUND with tracking number 017136215199243
1 package via FEDEX GROUND with tracking number 017136215199373
1 package via FEDEX GROUND with tracking number 017136215199274
1 package via FEDEX GROUND with tracking number 017136215199465
1 package via FEDEX GROUND with tracking number 017136215199236
1 package via FEDEX GROUND with tracking number 017136215199281
1 package via FEDEX GROUND with tracking number 017136215199441
1 package via FEDEX GROUND with tracking number 017136215199397
1 package via FEDEX GROUND with tracking number 017136215199410
1 package via FEDEX GROUND with tracking number 017136215199403
1 package via FEDEX GROUND with tracking number 017136215199342
1 package via FEDEX GROUND with tracking number 017136215199380
1 package via FEDEX GROUND with tracking number 017136215199298
1 package via FEDEX GROUND with tracking number 017136215199458
1 package via FEDEX GROUND with tracking number 017136215199335

Qty	Item	Unit Price	Discount	Total
25	Swheat Scoop Original Natural Clumping Wheat Cat Litter, 40-lb bag	$37.99		$949.75
5	Feline Pine Original Cat Litter, 40-lb bag	$27.99		$139.95

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$1,089.70
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$1,089.70**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5996

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$1,089.70
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$1,089.70**

If you have any questions regarding your order, please contact customer care at **1-800-67-CHEWY** (672-4399).

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Order #625378

Order Placed: Dec 6, 2012
Order Status: Shipped
Order Total: $759.80

Shipped on Dec 7, 2012

1 package via FEDEX GROUND with tracking number 017136224093402
1 package via FEDEX GROUND with tracking number 017136224093457
1 package via FEDEX GROUND with tracking number 017136224093334
1 package via FEDEX GROUND with tracking number 017136224093365
1 package via FEDEX GROUND with tracking number 017136224093495
1 package via FEDEX GROUND with tracking number 017136224093488
1 package via FEDEX GROUND with tracking number 017136224093518
1 package via FEDEX GROUND with tracking number 017136224093501
1 package via FEDEX GROUND with tracking number 017136224093358
1 package via FEDEX GROUND with tracking number 017136224093440
1 package via FEDEX GROUND with tracking number 017136224093327
1 package via FEDEX GROUND with tracking number 017136224093396
1 package via FEDEX GROUND with tracking number 017136224093471
1 package via FEDEX GROUND with tracking number 017136224093341
1 package via FEDEX GROUND with tracking number 017136224093464
1 package via FEDEX GROUND with tracking number 017136224093426
1 package via FEDEX GROUND with tracking number 017136224093433
1 package via FEDEX GROUND with tracking number 017136224093389
1 package via FEDEX GROUND with tracking number 017136224093372
1 package via FEDEX GROUND with tracking number 017136224093419

12/12/12

Qty	Item	Unit Price	Discount	Total
20	Swheat Scoop Original Natural Clumping Wheat Cat Litter, 40-lb bag	$37.99		$759.80

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$759.80
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$759.80**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5896

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$759.80
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$759.80**

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Order #726331

Order Placed: Jan 21, 2013
Order Status: Shipped
Order Total: **$1,139.70**

Shipped on Jan 21, 2013

1 package via FEDEX GROUND with tracking number 017136230993154
1 package via FEDEX GROUND with tracking number 017136230993178
1 package via FEDEX GROUND with tracking number 017136230993024
1 package via FEDEX GROUND with tracking number 017136230993109
1 package via FEDEX GROUND with tracking number 017136230993161
1 package via FEDEX GROUND with tracking number 017136230993239
1 package via FEDEX GROUND with tracking number 017136230993147
1 package via FEDEX GROUND with tracking number 017136230993215
1 package via FEDEX GROUND with tracking number 017136230992897
1 package via FEDEX GROUND with tracking number 017136230993246
1 package via FEDEX GROUND with tracking number 017136230992880
1 package via FEDEX GROUND with tracking number 017136230993031
1 package via FEDEX GROUND with tracking number 017136230993123
1 package via FEDEX GROUND with tracking number 017136230993260
1 package via FEDEX GROUND with tracking number 017136230993130
1 package via FEDEX GROUND with tracking number 017136230993253
1 package via FEDEX GROUND with tracking number 017136230993062
1 package via FEDEX GROUND with tracking number 017136230993048
1 package via FEDEX GROUND with tracking number 017136230993086
1 package via FEDEX GROUND with tracking number 017136230993079
1 package via FEDEX GROUND with tracking number 017136230993017
1 package via FEDEX GROUND with tracking number 017136230993000
1 package via FEDEX GROUND with tracking number 017136230993192
1 package via FEDEX GROUND with tracking number 017136230993116
1 package via FEDEX GROUND with tracking number 017136230993222
1 package via FEDEX GROUND with tracking number 017136230993055
1 package via FEDEX GROUND with tracking number 017136230993185
1 package via FEDEX GROUND with tracking number 017136230993093
1 package via FEDEX GROUND with tracking number 017136230993208
1 package via FEDEX GROUND with tracking number 017136230992973

1/24/13

Qty	Item	Unit Price	Discount	Total
30	Swheat Scoop Original Natural Clumping Wheat Cat Litter, 40-lb bag	$37.99		$1,139.70

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$1,139.70
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$1,139.70**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5998

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$1,139.70
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$1,139.70**

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Order #816585

Order Placed: Feb 26, 2013
Order Status: Shipped
Order Total: $959.76

Shipped on Feb 26, 2013

1 package via FEDEX GROUND with tracking number 017136235847810
1 package via FEDEX GROUND with tracking number 017136235847780
1 package via FEDEX GROUND with tracking number 017136235847735
1 package via FEDEX GROUND with tracking number 017136235847797
1 package via FEDEX GROUND with tracking number 017136235847698
1 package via FEDEX GROUND with tracking number 017136235847858
1 package via FEDEX GROUND with tracking number 017136235847704
1 package via FEDEX GROUND with tracking number 017136235847872
1 package via FEDEX GROUND with tracking number 017136235847865
1 package via FEDEX GROUND with tracking number 017136235847759
1 package via FEDEX GROUND with tracking number 017136235847841
1 package via FEDEX GROUND with tracking number 017136235847827
1 package via FEDEX GROUND with tracking number 017136235847803
1 package via FEDEX GROUND with tracking number 017136235847773
1 package via FEDEX GROUND with tracking number 017136235847742
1 package via FEDEX GROUND with tracking number 017136235847667
1 package via FEDEX GROUND with tracking number 017136235847674
1 package via FEDEX GROUND with tracking number 017136235847896
1 package via FEDEX GROUND with tracking number 017136235847711
1 package via FEDEX GROUND with tracking number 017136235847766
1 package via FEDEX GROUND with tracking number 017136235847889
1 package via FEDEX GROUND with tracking number 017136235847728
1 package via FEDEX GROUND with tracking number 017136235847834
1 package via FEDEX GROUND with tracking number 017136235847681

3/1/13

Qty	Item	Unit Price	Discount	Total
24	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$959.76

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$959.76
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$959.76**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5996

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$959.76
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$959.76**

If you have any questions regarding your order, please contact customer care at **1-800-67-CHEWY** (672-4399).

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Order #836428

Order Placed: Mar 5, 2013
Order Status: Shipped
Order Total: $999.75

Shipped on Mar 6, 2013

1 package via FEDEX GROUND with tracking number 017136236916591
1 package via FEDEX GROUND with tracking number 017136236916508
1 package via FEDEX GROUND with tracking number 017136236916362
1 package via FEDEX GROUND with tracking number 017136236916560
1 package via FEDEX GROUND with tracking number 017136236916607
1 package via FEDEX GROUND with tracking number 017136236916430
1 package via FEDEX GROUND with tracking number 017136236916577
1 package via FEDEX GROUND with tracking number 017136236916379
1 package via FEDEX GROUND with tracking number 017136236916393
1 package via FEDEX GROUND with tracking number 017136236916447
1 package via FEDEX GROUND with tracking number 017136236916409
1 package via FEDEX GROUND with tracking number 017136236916584
1 package via FEDEX GROUND with tracking number 017136236916485
1 package via FEDEX GROUND with tracking number 017136236916423
1 package via FEDEX GROUND with tracking number 017136236916492
1 package via FEDEX GROUND with tracking number 017136236916416
1 package via FEDEX GROUND with tracking number 017136236916515
1 package via FEDEX GROUND with tracking number 017136236916522
1 package via FEDEX GROUND with tracking number 017136236916461
1 package via FEDEX GROUND with tracking number 017136236916478
1 package via FEDEX GROUND with tracking number 017136236916553
1 package via FEDEX GROUND with tracking number 017136236916454
1 package via FEDEX GROUND with tracking number 017136236916386
1 package via FEDEX GROUND with tracking number 017136236916539
1 package via FEDEX GROUND with tracking number 017136236916546

3/11/13

Qty	Item	Unit Price	Discount	Total
25	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$999.75

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$999.75
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$999.75**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5996

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$999.75
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$999.75**

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Thank you for your order!

Your order number is **873053**. We'll get started packing the goodies for your pets right away. If you have any questions about your order, you can reach our customer service team 24 hours a day at 1-800-67-CHEWY.

Order Items

SHIPPING ADDRESS:

Curtis Schultz
176 Central Park Square
Los Alamos, NM 87544

SHIPPING SPEED:

Flat-Rate Shipping

Qty	Item	Unit Price	Discount	Total
36	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$1,439.64

Payment Information

PAYMENT METHOD:

VISA | Last digits: 8316

BILLING ADDRESS:

423 West 300 South
Suite 200
Salt Lake City, UT 84101

Item(s) Subtotal:	$1,439.64
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	$1,439.64

QUESTIONS? Call our friendly customer service team anytime. We're here 24 hours a day! **1-800-67-CHEWY (672-4399)**

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Exp2433264

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Thank you for your order!

Your order number is 895172. We'll get started packing the goodies for your pets right away. If you have any questions about your order, you can reach our customer service team 24 hours a day at 1-800-67-CHEWY.

Order Items

SHIPPING ADDRESS:

Curtis Schultz
178 Central Park Square
Los Alamos, NM 87544

SHIPPING SPEED:

Flat-Rate Shipping

Qty	Item	Unit Price	Discount	Total
14	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$559.86

Payment Information

PAYMENT METHOD:

VISA | Last digits: 8318

BILLING ADDRESS:

423 West 300 South
Suite 200
Salt Lake City, UT 84101

Item(s) Subtotal:	$559.86
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	$559.86

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Task 10

L45064

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Order #987550

Order Placed: Apr 28, 2013
Order Status: Shipped
Order Total: $479.88

Shipped on Apr 29, 2013

1 package via FEDEX GROUND with tracking number 017136243533965
1 package via FEDEX GROUND with tracking number 017136243534061
1 package via FEDEX GROUND with tracking number 017136243534047
1 package via FEDEX GROUND with tracking number 017136243534078
1 package via FEDEX GROUND with tracking number 017136243534023
1 package via FEDEX GROUND with tracking number 017136243533972
1 package via FEDEX GROUND with tracking number 017136243533989
1 package via FEDEX GROUND with tracking number 017136243533996
1 package via FEDEX GROUND with tracking number 017136243534054
1 package via FEDEX GROUND with tracking number 017136243534016
1 package via FEDEX GROUND with tracking number 017136243534030
1 package via FEDEX GROUND with tracking number 017136243534009

5/3/13

Qty	Item	Unit Price	Discount	Total
12	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$479.88

SHIPPING ADDRESS:

Gina M Sanchez
176 Central Park Square
Los Alamos, NM87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$479.88
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$479.88**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 5998

BILLING ADDRESS:

423 W 300 S
Suite 200
Salt Lake City, UT84101

Item(s) Subtotal:	$479.88
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$479.88**

If you have any questions regarding your order, please contact customer care at **1-800-67-CHEWY** (672-4399).

To view the status of your order, return to Order Summary.

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EXP245932

Ann M. Grech

From: service@chewy.com
Sent: Thursday, May 02, 2013 12:28 PM
To: Ann M. Grech
Subject: Your order with Chewy.com

Hi Ann Grech,

Thank you for ordering from Chewy.com! Your order information appears below.

Want to manage your order online?
If you need to check the status of your current order, visit My Account at http://www.chewy.com/app/account. From there, you can track your order from the section titled Your Recent Orders.

****
ORDER DETAILS
****
View your order summary online: https://www.chewy.com/app/account/order/view/997763

Order Number: 997763

Email Address: amgrech@energysolutions.com
Shipping Method: Flat-Rate Shipping

Subtotal of Items: $1,839.54
Shipping & Handling: $0.00
Taxes: $0.00

Total for this Order: $1,839.54

Shipping Address:

Curtis Schultz
176 Central Park Square
Los Alamos, NM 87544
US

Order Items:
---
46 x Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag - $39.99

Payment Method:

Sign in to see payment method - http://www.chewy.com/app/account

****
Need to print an invoice?
Visit http://www.chewy.com/app/account and click to view your orders.
Select the appropriate order. You'll find a button to print an invoice on the next page.
****

Chewy.com
Delivering Pet Happiness

Pet Pangaea

Pet Pangaea LLC
158 Central Park Square
Los Alamos, NM 87544
(505) 661-1010
www.petpangaea.com

Receipt

Date Posted: 5/2/2013 2:24 PM
Invoice ID: 10010235598
Cashier: michelle
Customer ID: 3070

Qty	Item	Unit Price	Amount
5.00	14938	35.99	179.95
Swheat Scoop Natural Wheat			

Subtotal 179.95

*145064.01.01.02.WCCRX

Total Tax 13.16

Total 193.11

Absorbant

Visa/MC 193.11
5209584816

Balance 0.00

Thank you for shopping with us!
Open 7 days a week:
M-F 9-7, Sa 9-6, Su 11-6

Powered by PayGo SP

4016.

PETSMART #0138
3561 Zafarano Drive
Santa Fe, NM 87507
505-471-5255
Visit us at PetSmart.com

SALE T-4155 C-101101 0138/101
MMUNITY CASHIER-345552

02704399134 LMD200 27.96
4 @ 6.99
78774822890 CATLITTER 159.95
5 @ 31.99
78774822590 40#LITTER 172.45
5 @ 34.49
78774822525 SWHEAT SCOOP 114.95
5 @ 22.99
78774822825 SWHEATSCOOP 109.95
5 @ 21.99

UBTOTAL 585.26
TAX 8.188% 47.92
OTAL 633.18
SA (MSR) 633.18
XXXXXXXXXXXX5996
1600 / Primary / 83
TAL ITEMS SOLD:24
TAL ITEMS RETURNED.
ANGE DUE 0.00

RECEIPT VALID THROUGH 07/01/2013

4 1 5 5 0 1 3 8 1 0 1

05/02/2013 03:16 PM

ell us your favorite products
ll you when they go on sale
eals at www.petperks.com

Smart Charities is a 501 (c) (3)
-Profit Org. If you donated today
this receipt for your tax record.

Not used on project. Originally split

EXP246848

Ann M. Grech

From: service@chewy.com
Sent: Friday, May 10, 2013 1:40 PM
To: Ann M. Grech
Subject: Your order with Chewy.com

Hi Ann Grech,

Thank you for ordering from Chewy.com! Your order information appears below.

Want to manage your order online?
If you need to check the status of your current order, visit My Account at http://www.chewy.com/app/account. From there, you can track your order from the section titled Your Recent Orders.

****
ORDER DETAILS
****
View your order summary online: https://www.chewy.com/app/account/order/view/1022463

Order Number: 1022463

Email Address: amgrech@energysolutions.com
Shipping Method: Flat-Rate Shipping

Subtotal of Items: $159.96
Shipping & Handling: $0.00
Taxes: $0.00

Total for this Order: $159.96

Shipping Address:

Curtis Schultz
176 Central Park Square
Los Alamos, NM 87544
US

Order Items:
---
4 x Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag - $39.99

Payment Method:

Sign in to see payment method -- http://www.chewy.com/app/account

****
Need to print an invoice?
Visit http://www.chewy.com/app/account and click to view your orders.
Select the appropriate order. You'll find a button to print an invoice on the next page.
****

Chewy.com
Delivering Pet Happiness

145064

EXP252330

Ann M. Grech

From: service@chewy.com
Sent: Friday, June 21, 2013 10:18 AM
To: Ann M. Grech
Subject: Your order with Chewy.com

Hi Ann Grech,

Thank you for ordering from Chewy.com! Your order information appears below.

Want to manage your order online?
If you need to check the status of your current order, visit My Account at http://www.chewy.com/app/account. From there, you can track your order from the section titled Your Recent Orders.

****
ORDER DETAILS
****
View your order summary online: https://www.chewy.com/app/account/order/view/1100592

Order Number: 1100592

Email Address: amgrech@energysolutions.com
Shipping Method: Flat-Rate Shipping

Subtotal of Items: $1,999.50
Shipping & Handling: $0.00
Taxes: $0.00

Total for this Order: $1,999.50

Shipping Address:

Curtis Schultz
176 Central Park Square
Los Alamos, NM 87544
US

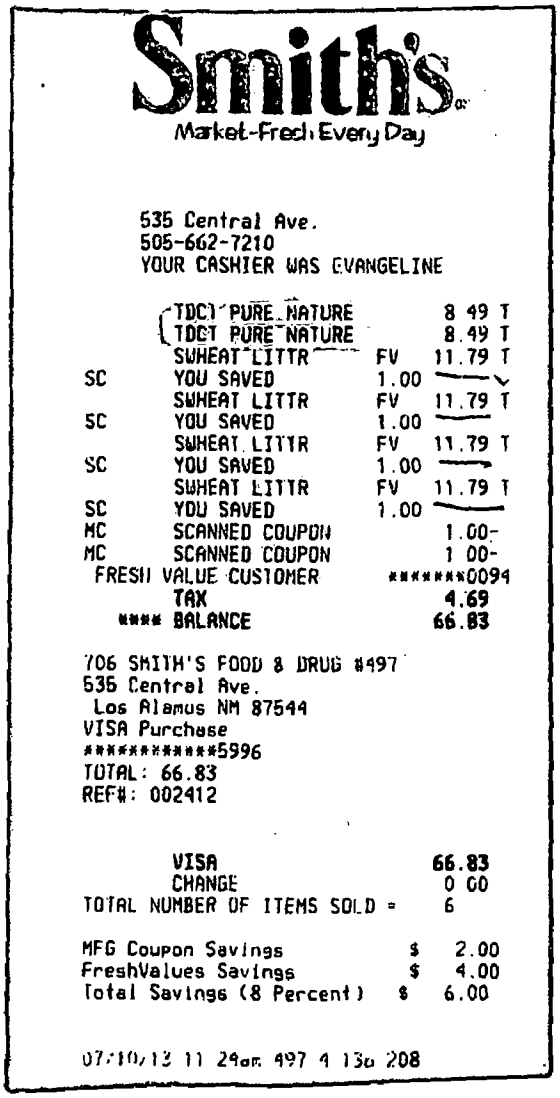
Order Items:
---
50 x Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag - $39.99

Payment Method:

Sign in to see payment method - http://www.chewy.com/app/account

****
Need to print an invoice?
Visit http://www.chewy.com/app/account and click to view your orders.
Select the appropriate order. You'll find a button to print an invoice on the next page.
****

Chewy.com
Delivering Pet Happiness



Smith's
Market-Fresh Every Day

535 Central Ave.
505-662-7210
YOUR CASHIER WAS EVANGELINE

	TDCT PURE NATURE		8.49 T
	TDCT PURE NATURE		8.49 T
	SWHEAT LITTR	FV	11.79 T
SC	YOU SAVED	1.00	
	SWHEAT LITTR	FV	11.79 T
SC	YOU SAVED	1.00	
	SWHEAT LITTR	FV	11.79 T
SC	YOU SAVED	1.00	
	SWHEAT LITTR	FV	11.79 T
SC	YOU SAVED	1.00	
MC	SCANNED COUPON		1.00-
MC	SCANNED COUPON		1.00-
FRESH VALUE CUSTOMER			********0094
	TAX		4.69
****	BALANCE		66.83

706 SMITH'S FOOD & DRUG #497
535 Central Ave.
Los Alamos NM 87544
VISA Purchase
**********5996
TOTAL: 66.83
REF#: 002412

VISA	66.83
CHANGE	0.00
TOTAL NUMBER OF ITEMS SOLD =	6

MFG Coupon Savings	$ 2.00
FreshValues Savings	$ 4.00
Total Savings (8 Percent)	$ 6.00

07/10/13 11:29am 497 4 13a 208

EXH 256811

Ann M. Grech

From: service@chewy.com
Sent: Tuesday, August 27, 2013 1:33 PM
To: Ann M. Grech
Subject: Your order with Chewy.com

Hi Ann Grech,

Thank you for ordering from Chewy.com! Your order information appears below.

Want to manage your order online?
If you need to check the status of your current order, visit My Account at http://www.chewy.com/app/account. From there, you can track your order from the section titled Your Recent Orders.

****
ORDER DETAILS
****
View your order summary online: https://www.chewy.com/app/account/order/view/1429789

Order Number: 1429789

Email Address: amgrech@energysolutions.com
Shipping Method: Flat-Rate Shipping

Subtotal of Items: $1,999.50
Shipping & Handling: $0.00
Taxes: $0.00

Total for this Order: $1,999.50

Shipping Address:

Curtis Schultz
176 Central Park Square
Los Alamos, NM 87544
US

Order Items:
---
50 x Swheat Scoop Original Natural Clumping Wheat Cat Litter, 40-lb bag - $39.99

Payment Method:

Sign in to see payment method - http://www.chewy.com/app/account

****
Need to print an invoice?
Visit http://www.chewy.com/app/account and click to view your orders.
Select the appropriate order. You'll find a button to print an invoice on the next page.
****

Chewy.com
Delivering Pet Happiness

pet meds | boutique | sale center | Swiffer

145064.01.01.02.WCCR
Kitty litter for salt drum ops –

Thank You! Your order has been placed!

Purchase Summary

Print Receipt

Order Details:
Order Date:
8/27/2013 12:49:15 PM

Order Number:
25486972

Order Status:
Order Received

Shipping Information

Shipping To: Gina Sanchez
176 Central Park SQ
Los Alamos, NM 87544
t: (505) 663-7236

Shipping Method: UPS GROUND

Payment Information

Payment Method: Pay with Paypal

These items will arrive on Thursday, Aug. 29

NOTE: Items may arrive in multiple boxes

Swheat Scoop Ntltorel Wheat Litter	$39.99	6	$239.94
Swheat Scoop Multicat Litter	$41.49	6	$248.94

< Re-Order All Items

Get your cash back.*

$100 CASH BACK

5% CASH BACK in bonus categories

1% CASH BACK on all other purchases

0% INTRO APR FOR 15 MONTHS

LEARN MORE

NO ANNUAL FEE

Order Summary

Order Subtotal	$488.88

THANK YOU!
for choosing Wag.com,
we appreciate your business

Subtotal	$488.88
Shipping	FREE
Estimated Tax to be Collected	$0.00
Credits	$0.00
Gift Certificates	$0.00

EXP 258625

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where pet lovers shop

Questions?
1-800-67-CHEWY
WWW.CHEWY.COM

Order #1510358

Order Placed: Sep 13, 2013
Order Status: Shipped
Order Total: $839.79

Shipped on Sep 14, 2013

1 package via FEDEX GROUND with tracking number 017136260898702
1 package via FEDEX GROUND with tracking number 017136260898757
1 package via FEDEX GROUND with tracking number 017136260898733
1 package via FEDEX GROUND with tracking number 017136260898832
1 package via FEDEX GROUND with tracking number 017136260898863
1 package via FEDEX GROUND with tracking number 017136260898689
1 package via FEDEX GROUND with tracking number 017136260898795
1 package via FEDEX GROUND with tracking number 017136260898825
1 package via FEDEX GROUND with tracking number 017136260898672
1 package via FEDEX GROUND with tracking number 017136260898726
1 package via FEDEX GROUND with tracking number 017136260898658
1 package via FEDEX GROUND with tracking number 017136260898801
1 package via FEDEX GROUND with tracking number 017136260898771
1 package via FEDEX GROUND with tracking number 017136260898788
1 package via FEDEX GROUND with tracking number 017136260898740
1 package via FEDEX GROUND with tracking number 017136260898696
1 package via FEDEX GROUND with tracking number 017136260898719
1 package via FEDEX GROUND with tracking number 017136260898849
1 package via FEDEX GROUND with tracking number 017136260898818
1 package via FEDEX GROUND with tracking number 017136260898870
1 package via FEDEX GROUND with tracking number 017136260898764

Qty	Item	Unit Price	Discount	Total
21	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$839.79

SHIPPING ADDRESS:

Energy Solutions
176 Central Park Square
Los Alamos, NM 87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$839.79
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$839.79**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 3372

BILLING ADDRESS:

423 West 300 South
Suite 200
Salt Lake City, UT 84101

Item(s) Subtotal:	$839.79
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$839.79**

If you have any questions regarding your order, please contact customer care at **1-800-67-CHEWY (672-4399)**.

To view the status of your order, return to Order Summary.

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EXP258625

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Questions?
1-800-67-CHEWY
WWW.CHEWY.COM

Order #1522712

Order Placed: Sep 16, 2013
Order Status: Shipped
Order Total: $759.81

Shipped on Sep 16, 2013

1 package via FEDEX GROUND with tracking number 017136261123810
1 package via FEDEX GROUND with tracking number 017136261123759
1 package via FEDEX GROUND with tracking number 017136261123827
1 package via FEDEX GROUND with tracking number 017136261123742
1 package via FEDEX GROUND with tracking number 017136261123787
1 package via FEDEX GROUND with tracking number 017136261123889
1 package via FEDEX GROUND with tracking number 017136261123896
1 package via FEDEX GROUND with tracking number 017136261123865
1 package via FEDEX GROUND with tracking number 017136261123858
1 package via FEDEX GROUND with tracking number 017136261123902
1 package via FEDEX GROUND with tracking number 017136261123735
1 package via FEDEX GROUND with tracking number 017136261123834
1 package via FEDEX GROUND with tracking number 017136261123773
1 package via FEDEX GROUND with tracking number 017136261123803
1 package via FEDEX GROUND with tracking number 017136261123728
1 package via FEDEX GROUND with tracking number 017136261123841
1 package via FEDEX GROUND with tracking number 017136261123766
1 package via FEDEX GROUND with tracking number 017136261123872
1 package via FEDEX GROUND with tracking number 017136261123780

Qty	Item	Unit Price	Discount	Total
19	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$759.81

SHIPPING ADDRESS:

Energy Solutions
176 Central Park Square
Los Alamos, NM 87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$759.81
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	**$759.81**

Payment Information

PAYMENT METHOD:

VISA | Last digits: 3372

BILLING ADDRESS:

423 West 300 South
Suite 200
Salt Lake City, UT 84101

Item(s) Subtotal:	$759.81
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	**$759.81**

If you have any questions regarding your order, please contact customer care at 1-800-67-CHEWY (672-4399).

To view the status of your order, return to Order Summary.

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EXP 258625

Questions?
1-800-67-CHEWY
WWW.CHEWY.COM

Order #1539090

Order Placed: Sep 19, 2013
Order Status: Shipped
Order Total: $399.90

Shipped on Sep 19, 2013

1 package via FEDEX HOME DELIVERY with tracking number 017136261586691
1 package via FEDEX HOME DELIVERY with tracking number 017136261586714
1 package via FEDEX HOME DELIVERY with tracking number 017136261586752
1 package via FEDEX HOME DELIVERY with tracking number 017136261586745
1 package via FEDEX HOME DELIVERY with tracking number 017136261586721
1 package via FEDEX HOME DELIVERY with tracking number 017136261586738
1 package via FEDEX HOME DELIVERY with tracking number 017136261586707
1 package via FEDEX HOME DELIVERY with tracking number 017136261586769
1 package via FEDEX HOME DELIVERY with tracking number 017136261586684
1 package via FEDEX HOME DELIVERY with tracking number 017136261586677

Qty	Item	Unit Price	Discount	Total
10	Swheat Scoop Multi-Cat Natural Wheat Cat Litter, 40-lb bag	$39.99		$399.90

SHIPPING ADDRESS:

Energy Solutions
176 Central Park Square
Los Alamos, NM 87544

SHIPPING SPEED:

Flat-Rate Shipping

Item(s) Subtotal:	$399.90
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Total for this Shipment:	$399.90

Payment Information

PAYMENT METHOD:

VISA | Last digits: 3372

BILLING ADDRESS:

423 West 300 South
Suite 200
Salt Lake City, UT 84101

Item(s) Subtotal:	$399.90
Shipping & Handling:	$0.00
Sales Tax:	$0.00
Grand Total:	$399.90

If you have any questions regarding your order, please contact customer care at 1-800-67-CHEWY (672-4399).

To view the status of your order, return to Order Summary.

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Pet Pangaea

Pet Pangaea
158 Central Park Square
Los Alamos, NM 87544
(505) 661-1010
www.petpangaea.com

Receipt

Date Posted: 9/24/2013 10:54 A
Invoice ID: 10010248447
Cashier: Heather
Customer ID:

Qty	Item	Unit Price	Amou
3.00	14938	35.99	107
Swheat Scoop Natural Wheat			

Subtotal	107
Total Tax	7
Total	115
Visa/MC 5561115599	115
Balance	0

Thank you for shopping with us!
Open 7 days a week:
M-F 9-7, Sa 9-6, Su 11-6

Petco
2006 Cerrillos Road
Santa Fe, NM 87505
505-424-1887

9/24/13 1:27PM 1103 03 3 09527
Sales Associate: 4 Jose

ITEM	DESCRIPTION	PRICE	
001154389	SWS-25# MULTI-CAT	289.90	T
10	@ 28.99		
[redacted]			
001278592	SWS-40# MULTI-CAT	359.91	T
9	@ 39.99		
001134892	SWS-40# NAT WHEAT	227.94	T
6	@ 37.99		

Taxable Total	$857.75
Tax 8.1875%	70.23
Sub Total	$927.98
Final Total	$927.98
Visa Credit Card	927.98
Acct# XXXXXXXXXXX5998 Auth# 017524	

Number of Items 25

Pals Rewards Number:423911653

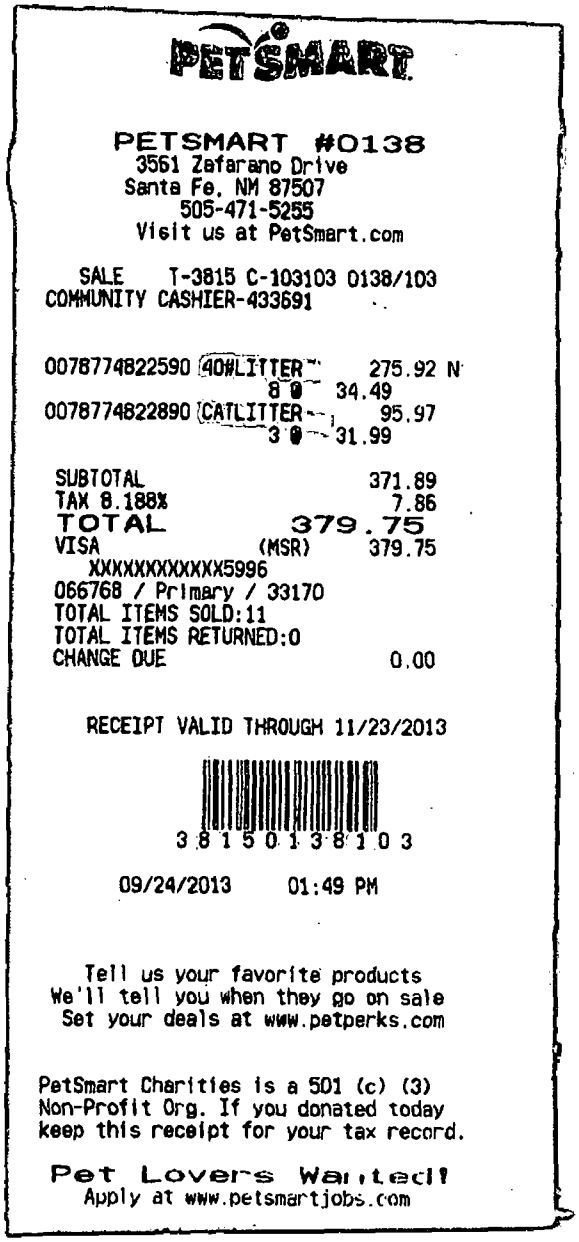
For being a valued member you saved:

Pals Savings	20.00
TOTAL SAVINGS	20.00

T = Taxable N = Non-Taxable
(1)Store Discount not subject to sales ta>
(2)Manufacture coupon subject to sales ta>

Thank you for shopping at Petco!
Questions/Comments?
888-824-7257

Petco provides information on housing, equipment, cleaning, environment and feeding for all the animals we offer. Ask for an in-store Care Sheet or log onto www.petco.com.



PETSMART

PETSMART #0138
3561 Zafarano Drive
Santa Fe, NM 87507
505-471-5255
Visit us at PetSmart.com

SALE T-3815 C-103103 0138/103
COMMUNITY CASHIER-433691

0078774822590 40#LITTER 275.92 N
8 @ 34.49
0078774822890 CATLITTER 95.97
3 @ 31.99

SUBTOTAL 371.89
TAX 8.188% 7.86
TOTAL 379.75
VISA (MSR) 379.75
XXXXXXXXXXX5996
066768 / Primary / 33170
TOTAL ITEMS SOLD:11
TOTAL ITEMS RETURNED:0
CHANGE DUE 0.00

RECEIPT VALID THROUGH 11/23/2013

3 8 1 5 0 1 3 8 1 0 3

09/24/2013 01:49 PM

Tell us your favorite products
We'll tell you when they go on sale
Set your deals at www.petperks.com

PetSmart Charities is a 501 (c) (3)
Non-Profit Org. If you donated today
keep this receipt for your tax record.

Pet Lovers Wanted!
Apply at www.petsmartjobs.com

For Employment Opportunities Apply At
www.smithsfoodanddrug.com

Smith's
Market-Fresh Every Day

535 Central Ave.
505-662-7210
YOUR CASHIER WAS KAREN

SWHEAT LITTR	12.79 T
SWHEAT LITTR	12.79 T
TAX	1.87
**** BALANCE	27.45

706 SMITH'S FOOD & DRUG #497
535 Central Ave.
Los Alamos NM 87544
VISA Purchase
**********0434
TOTAL: 27.45
REF#: 084114

145064.01.01.02.WCCR

VISA	27.45
CHANGE	0.00

TOTAL NUMBER OF ITEMS SOLD = 2
10/04/13 09:25am 497 4 80 231

Join FreshValues & Begin Saving Today!
THANK YOU FOR SHOPPING SMITH'S

Pet Pangaea

Pet Pangaea
158 Central Park Square
Los Alamos, NM 87544
(505) 661-1010
www.petpangaea.com

Receipt

Date Posted: 10/4/2013 9:18 AM
Invoice ID: 10010249315
Cashier: tjott
Customer ID:

Qty	Item	Unit Price	Amou
1.00	100111932	14.99	14.9
Swheat Scoop Natural Wheat			-1.5
1.00	100111932	14.99	14.9
Swheat Scoop Natural Wheat			

Subtotal	29.9
Discount	1.5
Total Tax	2.0
Total	30.5
Visa/MC [redacted]7973899	30.5

29.98
- 1.50
28.52
+ 2.04 tax
30.56
145064.01-01.02. WCCR

Balance 0.0

Thank you for shopping with us!
Open 7 days a week:
M-F 9-7, Sa 9-6, Su 11-6

Powered by PayGo

PETSMART

PETSMART #0138
3561 Zafarano Drive
Santa Fe, NM 87507
505-471-5255
Visit us at PetSmart.com

SALE T-2539 C-101101 0138/101
COMMUNITY CASHIER-365018

0078774822525 SWHEAT SCOOP		91.96
	4 @	22.99
0078774822825 SWHEATSCOOP		65.97
	3 @	21.99
0078774822590 40#LITTER		241.43
	7 @	34.49
0078774822890 CATLITTER		159.95
	5 @	31.99

SUBTOTAL	559.31
TAX 8.188%	45.80
TOTAL	605.11
VISA (USR)	605.11
XXXXXXXXXXXX0434	
053088 / Primary / 36358	
TOTAL ITEMS SOLD:19	
TOTAL ITEMS RETURNED:0	
CHANGE DUE	0.00

145064.01.01.02.WCCR
RECEIPT VALID THROUGH 12/03/2013

2534013810 1

10/04/2013 11:13 AM

Tell us your favorite products
We'll tell you when they go on sale
Set your deals at www.petperks.com

PetSmart Charities is a 501 (c) (3)
Non-Profit Org. If you donated today
keep this receipt for your tax record.

Pet Lovers Wanted!
Apply at www.petsmartjobs.com

amazon.com

Final Details for Order #112-4702638-3011411

Print this page for your records.

Order Placed: October 4, 2013
Amazon.com order number: 112-4702638-3011411
Order Total: $961.75

25 - #25 bags -

Shipped on October 7, 2013

Items Ordered	Price
1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag*	$26.48
Sold by: Amazon.com LLC	
Condition: New	

10/9/13

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal:	$26.48
Shipping & Handling:	$11.99
Total before tax:	$38.47
Sales Tax:	$0.00
Total for This Shipment:	**$38.47**

Shipped on October 7, 2013

10/9/13

Items Ordered	Price
1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag*	$26.48
Sold by: Amazon.com LLC	
Condition: New	

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal:	$26.48
Shipping & Handling:	$11.99
Total before tax:	$38.47
Sales Tax:	$0.00
Total for This Shipment:	**$38.47**

10/9/13

Shipped on October 7, 2013

Items Ordered	Price
1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag*	$26.48
Sold by: Amazon.com LLC	
Condition: New	

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal:	$26.48
Shipping & Handling:	$11.99
Total before tax:	$38.47
Sales Tax:	$0.00
Total for This Shipment:	**$38.47**

Shipped on October 7, 2013

Items Ordered	Price
1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$26.48

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal:	$26.48
Shipping & Handling:	$11.99
Total before tax:	$38.47
Sales Tax:	$0.00
Total for This Shipment:	**$38.47**

10/9/13

Shipped on October 7, 2013

Items Ordered	Price
1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$26.48

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal:	$26.48
Shipping & Handling:	$11.99
Total before tax:	$38.47
Sales Tax:	$0.00
Total for This Shipment:	**$38.47**

Shipped on October 6, 2013

Items Ordered	Price
1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC	$26.48

Condition: New

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $26.48
Shipping & Handling: $11.99
Total before tax: $38.47
Sales Tax: $0.00
Total for This Shipment: $38.47

Shipped on October 6, 2013

Items Ordered **Price**

1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag* $26.48
Sold by: Amazon.com LLC

10/8/13

Condition: New

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $26.48
Shipping & Handling: $11.99
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LOS ALAMOS, NEW MEXICO 87544-4031
United States

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United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $26.48
Shipping & Handling: $11.99
Total before tax: $38.47
Sales Tax: $0.00
Total for This Shipment: $38.47

Payment information

Payment Method:
Visa | Last digits: 5996

Billing address
Gina M Sanchez
423 W 300 S

Item(s) Subtotal: $662.00
Shipping & Handling: $299.75
Total before tax: $961.75
Estimated tax to be collected: $0.00

Suite 200
Salt Lake City, Utah 84101
United States

Grand Total:$961.75

Credit Card transactions

1 Visa ending in 5996: October 6, 2013:$38.47
2 Visa ending in 5996: October 6, 2013:$38.47
3 Visa ending in 5996: October 6, 2013:$38.47
4 Visa ending in 5996: October 6, 2013:$38.47
5 Visa ending in 5996: October 6, 2013:$38.47
6 Visa ending in 5996: October 6, 2013:$38.47
7 Visa ending in 5996: October 6, 2013:$38.47
8 Visa ending in 5996: October 7, 2013:$38.47
9 Visa ending in 5996: October 7, 2013:$38.47
10 Visa ending in 5996: October 7, 2013:$38.47
11 Visa ending in 5996: October 7, 2013:$38.47
12 Visa ending in 5996: October 7, 2013:$38.47
13 Visa ending in 5996: October 7, 2013:$38.47
14 Visa ending in 5996: October 7, 2013:$38.47
15 Visa ending in 5996: October 7, 2013:$38.47
16 Visa ending in 5996: October 7, 2013:$38.47
17 Visa ending in 5996: October 7, 2013:$38.47
18 Visa ending in 5996: October 7, 2013:$38.47
19 Visa ending in 5996: October 7, 2013:$38.47
20 Visa ending in 5996: October 7, 2013:$38.47
21 Visa ending in 5996: October 7, 2013:$38.47
22 Visa ending in 5996: October 7, 2013:$38.47
23 Visa ending in 5996: October 7, 2013:$38.47
24 Visa ending in 5996: October 7, 2013:$38.47
25 Visa ending in 5996: October 7, 2013:$38.47

10/8

10/9/1

#25
25 lb. bags

To view the status of your order, return to Order Summary.

Please note: This is not a VAT invoice.

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amazon.com

Final Details for Order #112-3914183-4463429

Print this page for your records.

Order Placed: October 4, 2013
Amazon.com order number: 112-3914183-4463429
Seller's order number: 26483812
Order Total: $414.90

10/9/13 ✓

Shipped on October 6, 2013

Items Ordered	Price
10 of: *Swheat Scoop Multi Cat Litter, 40 Lbs* Sold by: Wag.com (Quidsi Retail, an Amazon company) (seller profile) Condition: New	$41.49

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
Two-Day Shipping

Item(s) Subtotal:	$414.90
Shipping & Handling:	$0.00
Total before tax:	$414.90
Sales Tax:	$0.00
Total for This Shipment:	**$414.90**

Payment information

Payment Method:
Visa | Last digits: 5996

Billing address
Gina M Sanchez
423 W 300 S
Suite 200
Salt Lake City, Utah 84101
United States

Item(s) Subtotal:	$414.90
Shipping & Handling:	$0.00
Total before tax:	$414.90
Estimated tax to be collected:	$0.00
Grand Total:	**$414.90**

To view the status of your order, return to Order Summary.

Please note: This is not a VAT invoice.

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amazon.com

Final Details for Order #112-2300568-0883441

Print this page for your records.

Order Placed: October 4, 2013
Amazon.com order number: 112-2300568-0883441
Order Total: $529.60

10/9/13

Shipped on October 7, 2013

Items Ordered	Price
1 of: *Swheat Scoop Multi Cat Natural Wheat Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$26.48

(20)

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
Two-Day Shipping

Item(s) Subtotal:	$26.48
Shipping & Handling:	$0.00
Total before tax:	$26.48
Sales Tax:	$0.00
Total for This Shipment:	**$26.48**

Shipped on October 7, 2013

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Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

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Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

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Sales Tax: $0.00

Total for This Shipment: $26.48

Payment information

Payment Method:
Visa | Last digits: 5996

Billing address
Gina M Sanchez
423 W 300 S
Suite 200
Salt Lake City, Utah 84101
United States

Item(s) Subtotal: $529.60
Shipping & Handling: $0.00

Total before tax: $529.60
Estimated tax to be collected: $0.00

Grand Total: $529.60

Credit Card transactions

1 Visa ending in 5996: October 7, 2013: $26.48
2 Visa ending in 5996: October 7, 2013: $26.48
3 Visa ending in 5996: October 7, 2013: $26.48
4 Visa ending in 5996: October 7, 2013: $26.48
5 Visa ending in 5996: October 7, 2013: $26.48
6 Visa ending in 5996: October 7, 2013: $26.48
7 Visa ending in 5996: October 7, 2013: $26.48
8 Visa ending in 5996: October 7, 2013: $26.48
9 Visa ending in 5996: October 7, 2013: $26.48
10 Visa ending in 5996: October 7, 2013: $26.48
11 Visa ending in 5996: October 7, 2013: $26.48
12 Visa ending in 5996: October 7, 2013: $26.48
13 Visa ending in 5996: October 7, 2013: $26.48
14 Visa ending in 5996: October 7, 2013: $26.48
15 Visa ending in 5996: October 7, 2013: $26.48
16 Visa ending in 5996: October 7, 2013: $26.48
17 Visa ending in 5996: October 7, 2013: $26.48
18 Visa ending in 5996: October 7, 2013: $26.48
19 Visa ending in 5996: October 7, 2013: $26.48
20 Visa ending in 5996: October 7, 2013: $26.48

To view the status of your order, return to Order Summary.

Please note: This is not a VAT invoice.

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amazon.com

Final Details for Order #112-3697410-4065804

Print this page for your records.

Order Placed: October 4, 2013
Amazon.com order number: 112-3697410-4065804
Order Total: $163.40

Shipped on October 6, 2013

Items Ordered	Price
1 of: *Swheat Scoop Natural Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$20.69

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $20.69
Shipping & Handling: $11.99

Total before tax: $32.68
Sales Tax: $0.00

Total for This Shipment: $32.68

Shipped on October 6, 2013

Items Ordered	Price
1 of: *Swheat Scoop Natural Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$20.69

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $20.69
Shipping & Handling: $11.99

Total before tax: $32.68
Sales Tax: $0.00

Total for This Shipment: $32.68

Shipped on October 6, 2013

Items Ordered	Price
1 of: *Swheat Scoop Natural Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$20.69

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $20.69
Shipping & Handling: $11.99
Total before tax: $32.68
Sales Tax: $0.00
Total for This Shipment: $32.68

Shipped on October 6, 2013

Items Ordered	Price
1 of: *Swheat Scoop Natural Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$20.69

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $20.69
Shipping & Handling: $11.99
Total before tax: $32.68
Sales Tax: $0.00
Total for This Shipment: $32.68

Shipped on October 6, 2013

Items Ordered	Price
1 of: *Swheat Scoop Natural Cat Litter, 25 Pound Bag* Sold by: Amazon.com LLC Condition: New	$20.69

Shipping Address:
Gina Marie Sanchez
ENERGYSOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS, NEW MEXICO 87544-4031
United States

Shipping Speed:
One-Day Shipping

Item(s) Subtotal: $20.69
Shipping & Handling: $11.99
Total before tax: $32.68
Sales Tax: $0.00
Total for This Shipment: $32.68

Payment information

Payment Method:
Visa | Last digits: 5996

Billing address

Item(s) Subtotal: $103.45
Shipping & Handling: $59.95

Gina M Sanchez
423 W 300 S
Suite 200
Salt Lake City, Utah 84101
United States

Total before tax: $163.40
Estimated tax to be collected: $0.00

Grand Total:$163.40

Credit Card transactions

Visa ending in 5996: October 6, 2013:$32.68
Visa ending in 5996: October 6, 2013:$32.68
Visa ending in 5996: October 6, 2013:$32.68
Visa ending in 5996: October 6, 2013:$32.68
Visa ending in 5996: October 6, 2013:$32.68

To view the status of your order, return to Order Summary.

Please note: This is not a VAT invoice.

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PETSMART

PETSMART #0138
3561 Zafarano Drive
Santa Fe, NM 87507
505-471-5255
Visit us at PetSmart.com

SALE T-3382 C-101101 0138/101
COMMUNITY CASHIER-488828

0078774822890 CATLITTER		127.96
	4 @	31.99
0078774822590 40#LITTER		137.96
	4 @	34.49

SUBTOTAL	265.92
TAX 8.188%	21.77
TOTAL	287.69
VISA (MSR)	287.69
XXXXXXXXXXXX0434	
087529 / Primary / 37408	
TOTAL ITEMS SOLD:8	
TOTAL ITEMS RETURNED:0	
CHANGE DUE	0.00

145064.01.01.02.WCCR
RECEIPT VALID THROUGH 12/05/2013

3382013810 1

10/06/2013 05:28 PM

Enroll in PetPerks at www.petperks.com

PetSmart Charities is a 501 (c) (3)
Non-Profit Org. If you donated today
keep this receipt for your tax record.

Pet Lovers Wanted!
Apply at www.petsmartjobs.com

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Federal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Date: 10/09/13
Inv #: 1898898
Order #:20011/00
Page: 1

505-663-7236

Customer #: 704401-001 Customer PO #: 639651

Pay Type: ACH-CUST INITIATED

List
Terms: Net 7 from Inv Date

Notes:

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
070093516M	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	80	80	29.32	28.73	2,298.40

CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT
OrdCom: Call Curtis Schultz for delivery: 505-663-7221
ShpIns:
THANK YOU FOR YOUR ORDER

IT IS OUR PLEASURE TO SERVE YOU! PLEASE SEND FEEDBACK TO
JSANCHEZ@ANIMALSUPPLY.COM OR CALL 800-323-2963 X1444 JODI*

PO # 639651 ✓

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145064 Task # 01.01.02 Work

Total Authorized $2,298.40 + [redacted] $117.79 (sales tax)

By: _____ Date: 10/9/13

WEIGHT: 3232.0000

	SUBTOTAL	2,298.40
	SALES TAX:	117.79
	TOTAL	2,416.19
	DEPOSIT:	
Invoice Due: 10/16/13	AMT DUE	2,416.19

$2345.00 - $2416.19 = -70.79 ok to overpay due to sales tax.

ENERGYSOLUTIONS
Southwest Operations
176 Central Park Square
Los Alamos, NM 87544

Date:	9.26.13
Requisitioner:	Curtis Schultz
Project Number:	145064.01.01.02.WCCR

Purchase Request

Vendor Name:	Chewy.com Animal Supply Co
Contact:	Amanda Wiles
Address:	32001 32nd Ave South Suite 300
City, State, Zip	Federal Way, WA 98001 -
Phone Number:	1-800-672-4399 253 237 - 6381 ext. 19,305

Item No.	Qty	Stock Number/Part Number	Description	Quality Level	QA Clause	Unit Price	Total
1	~~80~~ 80	SKU:49063	40-lb bag of SWHEAT kitty litter	N/A	N/A	~~$29.99~~ $29.82	$2,399.40
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							~~$2,399.40~~

Additional Information:

*free shipping

+ 80 bags = $2,345 60

X 10.2.13
Project Manager Signature / Date

X Steven Mahnesmith 9/26/13
Quality Assurance Signature / Date

X
ES&H Signature (if needed) / Date

*** All PR's must be approved through PM AND QA prior to submitting to Procurement**

Call Curtis Schultz before delivery at Office: 505-663-7221 or Cell: 505-927-7085

Back-up: Steve Mahnesmith at Office: 505-663-7237 or Cell: 505-720-4000

Unless otherwise authorized, all deliveries must be Mon. thru Thur. 8am to 3pm

It is Requisitioner's responsibility to provide all necessary information (e-mails, specs, drawings, CoC requirements, ASME or ANSI test requirements, UL Listed etc.) that needs to be included on the Purchase Order.

Gina M. Sanchez

From: Ezell, Andy [ajezell@lanl.gov]
Sent: Friday, September 27, 2013 9:35 AM
To: Gina M. Sanchez; Curtis Schultz; Vince Rodriguez
Cc: Frederici, Dave; Macrae, Hugh C; Stafford, Fern; Ezell, Andy
Subject: RE: Kitty Litter $2,399.40 (Kitty Litter - Approval to Proceed)
Attachments: Chewy 9.26.13 $2,399.40.pdf

Vince,

Per Step 2.2 and Step 3.2.23 of Exhibit D and based on the Project Manager's budget and approval, please proceed with the purchase of the Task Order 10, referenced Kitty Litter.

This Approval to Proceed is conditioned upon EnergySolutions' verification and acceptance that this purchase, combined with all previous purchases, is within the Subcontract Ceiling Amount stipulated in the Subcontract Documents and does not otherwise cause the Subcontract Ceiling Amount to be exceeded. Non-response to this condition by EnergySolutions' is acceptance.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-6790
E-mail: ajezell@lanl.gov

From: Gina M. Sanchez [mailto:gmsanchez@energysolutions.com]
Sent: Thursday, September 26, 2013 11:56 AM
To: Ezell, Andy
Cc: Curtis Schultz
Subject: Kitty Litter $2,399.40

Requesting STR approval for:

(60) 40-lb bags of kitty litter @ $39.99 ea. Shipping is free. No Tax.
Total = $2,399.40 145064.01.01.02.WCCR

Gina Marie Sanchez
Administrative Assistant II
Energy*Solutions*
176 Central Park SQ
Los Alamos, NM 87544
(505) 663-7236 - work
(505) 692-9953 - cell

Gina M. Sanchez

From: Animal Supply - New Customer [newcustomer@animalsupply.com]
Sent: Wednesday, October 02, 2013 8:12 AM
To: Gina M. Sanchez
Subject: RE: Swheat Scoop

Hello Gina,
I heard back from transportation and he said that if it was picked yesterday that it would have been shipped out today and maybe arrive Thursday or Friday. So it sounds like at most it would be 3 days. For a 40lb bag the price is $29.32 So if you order about 52 bags that will put you over the $1500 freight fees. You would also receive this product on a pallet. So no individual boxes. ☺. Let me know if this works for you and I will set your account up and get you going. Thank you!!

From: Gina M. Sanchez [mailto:gmsanchez@energysolutions.com]
Sent: Tuesday, October 01, 2013 2:52 PM
To: Animal Supply - New Customer
Subject: RE: Swheat Scoop

We usually pay $39.99 per 40lb. bag with free delivery and we order 50 bags or more at a time.
We usually spend between $2000.00-$2500.00 per delivery currently so the LTL option will work for us.
The problem right now is our delivery comes by UPS so each bag is boxed – not a good way to receive
This many bags.

Could you give me pricing per bag and I can figure out how much to place for our first order?
Also, if I placed the order tomorrow when could we expect delivery?
Thank you.

From: Animal Supply - New Customer [mailto:newcustomer@animalsupply.com]
Sent: Tuesday, October 01, 2013 3:44 PM
To: Gina M. Sanchez; stevea@swheatscoop.com
Subject: FW: Swheat Scoop

Hello Gina,
I have heard back from our Director of Customer Service and she did approve the setup of your account. We are however having an issue of delivery. It looks like the area that you are located in we deliver every other week. The soonest our truck would get there would be around 6pm which I think would be too late for you to receive the order. The only other option is that we LTL the product to you. This means we use a secondary transportation that will deliver the product to you when we cannot or the time frame is not right. This way of transportation does have freight fees. If your order is over $1501 there is no fee. If your order is $500 and below you will pay $200. If your order is between $501 and $1500 you will pay $125 in fees. Please let me know what route you would like to take for delivery or if these delivery options just will not work for you. thank you!

Amanda Wiles
Administrative Assistant / New Account Specialist
P 253.237.0381 F 800.270.3176 ext:1535
www.animalsupply.com

Animal Supply Co.
~ est. 1987 ~

32001 32nd Avenue South, Suite 320

Federal Way, WA 98001

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INVOICE

★Animal★ Supply Co.
~ est. 1987 ~
32001-32nd Avenue South, Suite 420
Federal Way, WA 98001
1.800.323.2963

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Date 10/28/13
Invoice # 1914700
Order # 3P750/00
Page 1
Route 07LT / 0

505-663-7236

Customer #: 704401-001 Customer PO # #640232A Pay Type: ACH-CUST INITIATED Terms: Net 7 from Inv Date List

Notes:

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
		CSD Courtesy Credits	MATCHING PALLET DISCOUNT					28.32-	
070262859	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	48	48	29.32	29.32	1,407.36

ShpIns: **Need Lift Gate for Delivery**
CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT
THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 X0

IT IS OUR PLEASURE TO SERVE YOU!
The Retail Messenger is going GREEN! Look for the Holiday edition on USB flash drive coming to your mailbox soon!

Rec'd
10/29/13

PO#640232
AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145064 Task # 01.01.02.WCCR
Total Authorized $ 1379.04 NM GRT $ 72.10
By _____ Date 10/29/13

WEIGHT: 1939.2000

SUBTOTAL	1,379.04
SALES TAX:	72.13
TOTAL	1,451.17
DEPOSIT:	
AMT DUE	1,451.17

CUSTOMER COPY

Invoice Due: 11/04/13

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Federal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Date: 11/05/13
Inv #: 1922584
Order #: 3R370/00
Page: 1

505-663-7236
Customer #: 704401-001 Customer PO #: 640232 Pay Type: ACH-CUST INITIATED Terms: Net 7 from List Inv Date
Notes:

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
070271257	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	52	48	29.32	28.73	1,379.04

PER CINDY
THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 X0
CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT

IT IS OUR PLEASURE TO SERVE YOU!
The Retail Messenger is going GREEN! Look for the Holiday edition on USB flash drive coming to your mailbox soon!

PO# 640232

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145004 Task # 01.01.02.WCCR
Total Authorized $ 1379.04 NMGRT $ 70.68 (pass thru)
By: _____ Date: 11/5/13

WEIGHT: 1939.2000

SUBTOTAL	1,379.04
SALES TAX:	70.68
TOTAL	1,449.72
DEPOSIT:	
Invoice Due: 11/12/13 AMT DUE	1,449.72

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Federal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Date: 11/12/13
Inv #: 1930891
Order #: 3R395/00
Page: 1

Customer #: 704401-001 Customer PO #: 640232

505-663-7236
Pay Type: ACH-CUST INITIATED
Notes:

Terms: Net 7 from List Inv Date

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
	Shipping/Handling Charges	EXTRA PALLET FEE - LTL					75.00		
070093161	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	58	58	29.32	28.73	1,666.34

EMAIL CINDY
THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 X0
CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT

IT IS OUR PLEASURE TO SERVE YOU!
The Retail Messenger is going GREEN! Look for the Holiday edition on USB flash drive coming to your mailbox soon!

WEIGHT: 2343.2000

PO # 640232
AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145041 Task # 01.01.02 WCCR
Total Authorized $ 1741.34 FREIGHT $ 85.40 (pass thru)
By: Date: 11/13/13

SUBTOTAL	1,741.34
SALES TAX:	85.40
TOTAL	1,826.74
DEPOSIT:	
AMT DUE	1,826.74

Invoice Due: 11/19/13

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Pederal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Date: 11/21/13
Inv #: 1941807
Order #:3R398/00
Page: 1

505-663-7236

Customer #: 704401-001 Customer PO #: 640232

Pay Type: ACH-CUST INITIATED
Notes:

List
Terms: Net 7 from Inv Date

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
	Shipping/Handling Charges	LTL SHIPPING FEE - EXTRA PALLET					75.00		
070271503M	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	52	52	29.32	28.73	1,493.96

EMAIL CINDY
THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 X0
CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT

IT IS OUR PLEASURE TO SERVE YOU!
The Retail Messenger is going GREEN! Look for the Holiday edition on USB flash drive coming to your mailbox soon!

PO# 640232

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145004 Task # 01.01.02. WCCR
Total Authorized $ 1,568.96 NMGRT $ 76.57 (ASO thru)
By: Date: 11/21/13

WEIGHT: 2100.8000

SUBTOTAL	1,568.96
SALES TAX:	76.57
TOTAL	1,645.53
DEPOSIT:	
Invoice Due: 11/28/13 AMT DUE	1,645.53

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Federal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544
505-663-7236

Date: 12/02/13
Inv #: 1950641
Order #:3R399/00
Page: 1

Customer #: 704401-001 Customer PO #: 640232
Pay Type: ACH-CUST INITIATED
Notes:
Terms: Net 7 from Inv Date List

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
		Shipping/Handling Charges LTL EXTRA PALLET FEE					75.00		
070096434M	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	52	52	29.32	28.73	1,493.96

EMAIL CINDY
THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 X0
CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT

IT IS OUR PLEASURE TO SERVE YOU!
The Retail Messenger is going GREEN! Look for the Holiday edition on USB flash drive coming to your mailbox soon!

PO#640282

WEIGHT: 2100.8000

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145064 Task # 01.01.02.WCCR
Total Authorized $ 1568.96 NMGRT $ 76.57 (Pass thru)
Date: 12/10/13

Invoice Due: 12/09/13

SUBTOTAL	1,568.96
SALES TAX:	76.57
TOTAL	1,645.53
DEPOSIT:	
AMT DUE	1,645.53

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Federal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
146 EASTGATE DRIVE
LOS ALAMOS NM 87544

Date: 1/13/14
Inv #: 1986830
Order #:3R406/00
Page: 1

Customer #: 704401-001 Customer PO #: 640232

505-663-7236
Pay Type: ACH-CUST INITIATED
Notes:

List
Terms: Net 7 from Inv Date

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
		Shipping/Handling Charges LTL EXTRA PALLET FEE					75.00		
070282675	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	52	52	29.32	28.73	1,493.96

EMAIL CINDY
THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 XO
CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT

**********WE ARE HAPPY TO SERVE YOU!!**********
FOR INVOICE OR ORDER DISCREPANCIES, PLEASE CONTACT OUR
RETURNS & CREDITS TEAM AT RETURNS@ANIMALSUPPLY.COM THANKS!!

WEIGHT: 2100.8000

PO# 640232

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145004 Task # 01.01.02 WCCR
Total Authorized $ 1,568.96 NMGRT $ 101.78
By: Date: 1/13/14.

52 52

SUBTOTAL	1,568.96 ✓
SALES TAX:	101.78
TOTAL	1,670.74
DEPOSIT:	
Invoice Due: 1/20/14 AMT DUE	1,670.74

$ 7,362.66 − $ 1,670.74 = bal $ 5,691.92

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Federal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
146 EASTGATE DRIVE
LOS ALAMOS NM 87544

505-663-7236

Date: 1/21/14
Inv #: 1993607
Order #: 3R412/00
Page: 1

Customer #: 704401-001 Customer PO #: 640232

Pay Type: ACH-CUST INITIATED
Notes:

Terms: Net 7 from Inv Date List

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
	Shipping/Handling Charges	EXTRA PALLET LTL FEE				75.00			
070284781	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	52	52	29.32	28.73	1,493.96

EMAIL CINDY
THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 X0
CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT

*************WE ARE HAPPY TO SERVE YOU!!******************
FOR INVOICE OR ORDER DISCREPANCIES, PLEASE CONTACT OUR
RETURNS & CREDITS TEAM AT RETURNS@ANIMALSUPPLY.COM THANKS!!

WEIGHT: 2100.8000 52 52

SUBTOTAL	1,568.96
SALES TAX:	101.78
TOTAL	1,670.74
DEPOSIT:	
AMT DUE	1,670.74

Invoice Due: 1/28/14

PO # 640232

AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 145064 Task # 01.01.02 WCCR
Total Authorized $ 1568 96 NMGRT $ 101 78 (pass thru)
By: [signature] Date: 1/21/14

5,691 92 - 1,670 74 = 4,021 18

Animal Supply Company
32001 - 32nd Ave S, Suite 420
Federal Way 98001 WA USA
800-323-2963

INVOICE

Bill To: ENERGY SOLUTIONS
176 CENTRAL PARK SQ
LOS ALAMOS NM 87544

Ship To: ENERGY SOLUTIONS
146 EASTGATE DRIVE
LOS ALAMOS NM 87544
505-663-7236

Date: 2/18/14
Inv #: 2018468
Order #: 3R417/00
Page: 1

Customer #: 704401-001 Customer PO #: 640232
Pay Type: ACH-CUST INITIATED
Notes:
List
Terms: Net 7 from Inv Date

TOTE ID	Item #	Description	UPC	UOM	ORD	SHIP	LIST	NET	EXTENSION
		PER CINDY PLEASE HOLD TILL FEBRUARY 21, 2014							
		Shipping/Handling Charges EXTRA PALLET LTL FEE					75.00		
070289431M	64300	Swheat Scoop Orig Litter 40#	787748228902	EA	52	52	29.32	28.73	1,493.96
		EMAIL CINDY							
		THANK YOU FOR YOUR ORDER, QUESTIONS? CALL @ 800-323-2963 XO							
		CUSTOMER MEETS $1500 MINIMUM FOR FREE FREIGHT							

**********WE ARE HAPPY TO SERVE YOU!!**********
FOR INVOICE OR ORDER DISCREPANCIES, PLEASE CONTACT OUR
RETURNS & CREDITS TEAM AT RETURNS@ANIMALSUPPLY.COM THANKS!!

PO# [illegible]
AUTHORIZED CONTRACT PAYMENT
Los Alamos Office
PROJECT / TASK ACCOUNT #:
Project # 149604 Task # 01.01.02.WCCK
Total Authorized $ 1,568.96 FREIGHT $ 101.78
By: [signature] Date: 2/24/14

WEIGHT: 2100.8000

52	52	SUBTOTAL	1,568.96
		SALES TAX:	101.78
		TOTAL	1,670.74
		DEPOSIT:	
Invoice Due:	2/25/14	AMT DUE	1,670.74

[illegible]

ENERGYSOLUTIONS

Southwest Operations
176 Central Park Square
Los Alamos, NM 87544

Date: 10/21/2013

Requisitioner: Curtis Schultz

Project Number: 145064.01.01.02.WCCR

Purchase Request

Vendor Name:	Animal Supply Co.
Contact:	
Address:	32001 32nd Ave. South Suite 320
City, State, Zip	Federal Way, WA 98001
Phone Number:	253-237-0381 ext. 1535 (Amanda Wiles)

Item No.	Qty	Stock Number/Part Number	Description	Quality Level	QA Clause	Unit Price	Total
1	520	40-lb. bags	SWHEAT Kitty litter $29.32 ea.	N/A	N/A	$29.32	$15,246.40
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
							$15,246.40

Additional Information:

52 bags of kitty litter per delivery every week for (10) weeks

*52 bags = $1,524.64 per week to avoid freight charges of less than >$1500.00

X _____ 10/22/13
Project Manager Signature / Date

X _____ 10/31/13
Quality Assurance Signature / Date

X _____
ES&H Signature (if needed) / Date

*** All PR's must be approved through PM AND QA prior to submitting to Procurement**

Call Curtis Schultz before delivery at Office: 505-663-7221 or Cell: 505-927-7085

Back-up: Steve Mahnesmith at Office: 505-663-7237 or Cell: 505-720-4000

Unless otherwise authorized, all deliveries must be Mon. thru Thur. 8am to 3pm

It is Requisitioner's responsibility to provide all necessary information (e-mails, specs, drawings, CoC requirements, ASME or ANSI test requirements, UL Listed etc.) that needs to be included on the Purchase Order.

Gina M. Sanchez

From: Ezell, Andy [ajezell@lanl.gov]
Sent: Tuesday, October 22, 2013 7:09 PM
To: Gina M. Sanchez; Curtis Schultz; Vince Rodriguez
Cc: Frederici, Dave; Macrae, Hugh C; Stafford, Fern; Ezell, Andy
Subject: RE: Swheat Kitty Litter $15,246.40 (Kitty Litter - Approval to Proceed)
Attachments: Animal Supply $15,246.40.pdf

Vince,

Per Step 2.2 and Step 3.2.23 of Exhibit D and based on the Project Manager's budget and approval, please proceed with the purchase of the Task Order 10, referenced Kitty Litter.

This Approval to Proceed is conditioned upon EnergySolutions' verification and acceptance that this purchase, combined with all previous purchases, is within the Subcontract Ceiling Amount stipulated in the Subcontract Documents and does not otherwise cause the Subcontract Ceiling Amount to be exceeded. Non-response to this condition by EnergySolutions' is acceptance.

Andrew J. Ezell (Andy)
Environmental Programs
Subcontract Technical Representative (STR)
Los Alamos National Security, LLC
Los Alamos National Laboratory
Los Alamos, NM 87545
Office: 505-665-0395
Cell: 505-695-6755
Fax: 505-665-6790
E-mail: ajezell@lanl.gov

From: Gina M. Sanchez [mailto:gmsanchez@energysolutions.com]
Sent: Tuesday, October 22, 2013 12:01 PM
To: Ezell, Andy
Cc: Curtis Schultz
Subject: Swheat Kitty Litter $15,246.40

Requesting STR approval for:

(520) 40-lb. bags of Swheat kitty litter @ $29.32 ea. Freight is free.
Delivery will be set-up to receive (52) bags every week for (10) weeks.
145064.01.01.02.WCCR $15,246.40

Gina Marie Sanchez
Administrative Assistant II
Energy*Solutions*
176 Central Park SQ
Los Alamos, NM 87544
(505) 663-7236 - work
(505) 692-9953 - cell

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petco free shipping on $49 | easy returns
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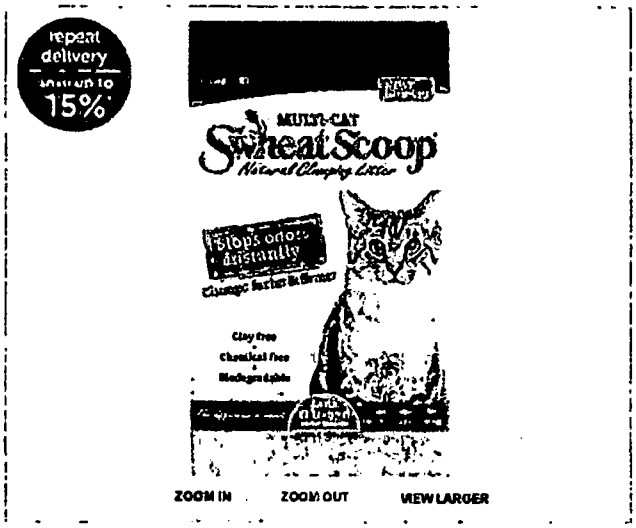
DOG CAT FISH SMALL ANIMAL FERRET REPTILE BIRD FLEA & TICK FOOD CENTER SALE & OFFERS

Home Cat Litter & Accessories Swheat Scoop Scoopable Cat Litter Multi-Cat Strength
Email This Page



View More Formulas

Swheat Scoop Scoopable Cat Litter Multi-Cat Strength

Internet Price: $10.99 - $34.49

Shop All Products By Swheat Scoop

- Wheat enzymes naturally eliminate odor
- Wheat starches clump firmly - for easy scooping cat litter
- No clay, chemicals or fragrances
- Low-dust kitty litter formula, less tracking
- Biodegradable, certified flushable
- Ideal for automatic litter box use

MORE DETAILS

Usually Leaves Warehouse the Next Business Day | More Shipping Info

4 / 5 Read all 36 reviews Write a review

27 out of 36 (75%) reviewers recommend this product.

Enter a quantity and save more when you select Repeat Delivery.

Store Prices Vary

7 lbs. SKU: 2180914	$10.99 Repeat Delivery Price: $8.79	Qty:
14 lbs. SKU: 1278606	$13.49 Repeat Delivery Price: $10.79	Qty:
25 lbs. SKU: 1154389	$22.99 Repeat Delivery Price: $18.39	Qty:
40 lbs. SKU: 1278592	$34.49 Repeat Delivery Price: $27.59	Qty:

Store Prices Vary

SEE HOW THESE PRODUCTS COMPARE Easy Returns to Store | Safe Shopping

ADD TO MY SHOPPING LIST

DESCRIPTION DIRECTIONS INGREDIENTS & G.A.

Ingredients:

Naturally processed wheat, a renewable resource

PRODUCT Q&A

1 Question, 1 Answer

Search Product Q&A

Where can I get Swheat Scoop coupons to use at local stores?? 1 answer

1 of 1

PRODUCT REVIEWS

WRITE A REVIEW

4 / 5

27 out of 36 (75%) reviewers recommend this product.

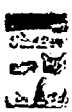
Sort By

5 / 5

Sweat Scoop Scoopable Cat Litter Multi-Cat Stringth December 3, 2011

fieryfaith from Lakeland FL

YOUR PET MIGHT ALSO LIKE



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VIEW CART (0)

petco

free shipping on $49

easy returns

Search petco.com

DOG CAT FISH SMALL ANIMAL FERRET REPTILE BIRD FLEA & TICK FOOD CENTER SALE & OFFERS

Home Cat Litter & Accessories Swheat Scoop Natural Wheat Scoopable Cat Litter

Email This Page

View More Formulas

Swheat Scoop Natural Wheat Scoopable Cat Litter

Internet Price: $9.99 - $43.99

Shop All Products By Swheat Scoop

- Wheat enzymes naturally eliminate odor
- Wheat starches clump firmly for easy scooping
- Low dust, less tracking
- No chemicals or fragrances
- Safe and non-toxic for kittens & cats
- Biodegradable, certified flushable

MORE DETAILS

Usually Leaves Warehouse the Next Business Day | More Shipping Info

4 / 5 Read all 115 reviews Write a review

84 out of 115 (73%) reviewers recommend this product.

Enter a quantity and save more when you select Repeat Delivery.

Store Prices Vary

7 lbs. SKU: 2160906	$9.99 Repeat Delivery Price: $7.99	Qty:
14 lbs. SKU: 600814	$13.49 Repeat Delivery Price: $10.79	Qty:
26 lbs. SKU: 979708	$21.99 Repeat Delivery Price: $17.59	Qty:
40 lbs. SKU: 1134892	$31.99 Repeat Delivery Price: $25.59	Qty:
50 lbs. SKU: 979708MP2	BULK BUYS $43.99 Repeat Delivery Price: $35.19	Qty:

Store Prices Vary

SEE HOW THESE PRODUCTS COMPARE

Easy Returns to Store | Safe Shopping

ADD TO MY SHOPPING LIST

DESCRIPTION DIRECTIONS INGREDIENTS & G.A. WARRANTY

Swheat Scoop Natural Wheat Scoopable Cat Litter

Swheat Scoop Natural Wheat Scoopable Cat Litter is a safe, fast clumping litter made from naturally processed wheat. This veterinarian approved, biodegradable cat box filler is certified flushable, safe for kittens, safe for declaws, safely digested, and guaranteed ammonia odor free.

Low track formula is virtually dust free.

About Pet Care Systems: In 1944, we set out to create a litter that would be safer for pets, people, and the environment without sacrificing performance. The result of our quest is inside this package. We hope you and your cat like Swheat Scoop litter. Thank you for choosing this product.

PRODUCT Q&A

1 Question, 3 Answers

Search Product Q&A

what is the difference between the swheat litters? 3 answers

1 of 1

PRODUCT REVIEWS

4 / 5

WRITE A REVIEW

YOUR PET MIGHT ALSO LIKE

CONSUMER EDUCATION INFORMATION

Pet Care Systems, Inc. is in its fifth year marketing 100% natural ground grain cat litter. Included below are some of the questions most frequently asked by our customers.

NATURAL ODOR CONTROL

Protein enzymes naturally occur in cat's urine and wheat. These protein enzymes interact with each other to neutralize the ammonia odor typically associated with litter boxes. The enzymatic action also stops the pathogenic process in the organism. In a litter box, the starch in the wheat clumps firmly and helps encapsulate the odor. Combined with the enzymatic action, the end result is a clean and virtually odor free litter box. It controls the ammonia odor from very large cats.

ODOR CONTROL GUARANTEE

Our wheat litter is guaranteed to keep your litter box odor free.

Required litter box maintenance

1. **Scoop daily**
2. **Maintain a minimum 4" product level in your box**
3. **Change the litter completely every 30 days with one cat.**

RENEWABLE RESOURCE

We use hard red spring/winter wheat and milo to manufacture our 100% natural litter. The manufacturing procedure prepares the grain in a manner that encourages fast clumping, natural odor control and minimal dust. We use secondary wheat (non-food grade) which has the necessary starch properties to maintain the quality product our customers have come to expect. Ground Grain litter is safe for you, your cat, non-toxic to all pets, people and our environment.

ECONOMICAL

Because of the efficient clumping ability of our grain product, your customers will find that the litter will last twice as long as clay litter. Scooping the litter box removes all the contaminates. One 14 LB bag is equal to approximately 22 lbs of clay litter.

BEST AVAILABLE COPY

Vets recommend that you completely change the wheat litter box every 30 days with one cat and every 15-20 days with multiple cats. As you scoop, you remove the starch, the key clumping and odor control ingredient which you replace as you add litter to maintain the four inch level.

SCOOPABLE AND FLUSHABLE

Ground grain litter naturally clumps when exposed to cat urine or fecal matter. The cat will normally deposit its waste and cover it. The moist material will clump and form a dough ball which encapsulates the odor. The longer the clump sits in the box, the harder the clump gets. However, when you put the clumps in the toilet they will rehydrate and flush into any sewage or septic system. [redacted] You can also dispose of the clumps into your garbage. They will biodegrade naturally in a landfill and have a neutral effect on the environment. If the litter sticks to the bottom of the litter pan, this means that the litter is not deep enough in the pan. Some consumers will spray a non stick spray on the pan to eliminate any sticking. Keep a 4" to 5" level in the pan at all times. This is especially important if multiple cats are using the same litter box.

NO CRYSTALLINE SILICA DUST

According to OSHA material data sheets supplied by a clay litter manufacturer, bentonite clay products contain crystalline silica dust which may cause delayed respiratory disease if inhaled over a prolonged period of time. They warn the workers to avoid breathing the dust. In 1997, a working group of the International Agency for Research on Cancer (IARC) published a monograph [redacted] inhaled crystalline silica from occupational sources as carcinogenic to humans, and categorized it as an IARC Group 1 agent. This category is used only when IARC finds there is sufficient evidence of carcinogenicity. Silica dust is found in all clay litters. Proposition 65 of the state of California mandated that all clay litter sold in their state must carry the following label. " This product contains silica, known to the state of California to cause cancer." For more information on the dangers of silica dust, contact your local library or the Center for Poison Control.

The OSHA and IARC information comes from published material. Since silica dust is not good for the human respiratory system consider the problems it could have on the small lungs of your cat.

NO SODIUM BENTONITE CLAY

Wheat litter does not contain bentonite clay. One of the main ingredients of clumping clay litter is Sodium Bentonite Clay, a naturally swelling clay. When liquid is added, clay litter swells to almost 15 times its original volume. It has been known to block the intestinal track as it can become as hard as cement. Your cats cannot digest clay litter.

ENVIRONMENT

Grain litter is 100% natural and biodegradable. Just because something is natural does not mean that it is good for you or your cat. Clay litters are natural. However, they consist mainly of small clay particles and silica dust. The United States has 58 million cats. The principle litter used is clay which is currently being disposed of in our landfills. For every 450 cats, one truckload or 45,000 lbs of clay litter is dumped into our landfills each year. In 1992, over 90,000 truck loads of litter were dumped into our landfills. Landfill use and needs would greatly be reduced if we would change to a biodegradable litter. Grain litter is the most effective alternative litter on the market today. Ground grain litter is safe for you and your cat! It's non-toxic to pets, people and our environment.

TRACKING

Tracking is minimal. The natural shape of the cats' paw holds small particles. It will stick to their fur, between their toes, and track away from the litter box. Placing a small carpet or rug around the litter box will help detach that litter with your cats' first step and any tracking can be easily contained. Wheat litter, being more like a cookie crumb, is easily wiped up with a damp cloth or vacuum. Unlike Clay litters, wheat does not leave an oily residue or film. A customer found that if you use a extra deep litter box 9"-10" and you keep 6"-7" of wheat litter in the box, you can eliminate the litter sticking to the bottom when a cat dumps on the waste of another cat. Using an extra deep box will also help reduce tracking and the scattering of litter if your cat has a vigorous covering technique.

PRODUCTION

Our production plant in Detroit Lakes, Minnesota is in the heart of the wheat growing region of the Great Plains states. Our product is processed in a plant similar to a food grade plant. Major emphasis is put on producing our litter free of bug or insect infestation and removing unnecessary flour. We start with cleaned secondary wheat, processed through de-bugging equipment and an added feature of our packaging is the hot glue seal closure on the bags. This will prevent any bugs or insects from entering the bag through a sew hole. Our product should have a shelf life exceeding one year. Retailers are asked to rotate their stock.

CATS LOVE THE LITTER

Grain is a protein and cats are naturally attracted to ground grain litter. Because of the soft texture in the naturally processed grain litter, you will find that cats will be easily attracted to the new litter in their box. If your cat is fussy, our customers tell us to put the wheat litter on the bottom, add one inch of your old litter on top and let your cat mix it up as it uses the litter box. On the next change, put all wheat litter in the box and it should be readily accepted.

OTHER ANIMALS:

Wheat litter is also recommended for rabbits, ferrets and birds. Rabbits may initially nibble on the wheat as it is a protein source, but will usually quit after 2-3 days. Birds should be in a cage with a grate. As the litter is digestible it is passed through as normal food. If your dog is prone to eat snacks from the cats litter box, normal amounts will pass through as normal food.

PACKAGING

Our current packaging is in bags that are environmentally friendly. We offer a 10 lb bag and a 25 LB bags in the CITY LITTER BRAND for the mass markets. Private labeling is also available.

PATENT

Pet Care Systems owns two patents on ground grain litter. As a patent holder, we can prevent similar wheat products from entering the market place. Ground grain litter is a natural product renewable recourse and the true alternative litter for the next century. International registration of the patents is in the process.

Safe for you, your cat and our environment

CITY LITTER BRAND WHEAT LITTER IS SOLD EXCLUSIVELY IN THE MASS MARKETS.

CHECK OUT OUR WEB SITE WWW.SWHEATSCOOP.COM
OR EMAIL US AT swheat1421@aol.com

Pet Care Systems, Inc.
Box 1529
Detroit Lakes, MN 56502-1529

CUSTOMER SERVICE LINE
1-800-794-3287

Good for the Earth

Each year, over 2 million tons of cat litter ends up in municipal solid waste landfills (Judd Alexander, In Defense of Garbage, Praeger 1993). Most of that litter, an estimated 100,000 truckloads per year, is made from clay that is mined and doesn't biodegrade because it's never reabsorbed by the earth. That's why the time is right to consider the merits of a product like Swheat Scoop Natural Wheat Litter.

100% biodegradable.
Strictly speaking, clay-based litters never biodegrade because they cannot be absorbed or broken down by the organic environment. But Swheat Scoop litter will readily break down upon disposal and simply dissolve away.

Sewer and septic safe.
Swheat Scoop is the only cat litter on the market that's certified flushable by the SGS U.S. Testing Company, an independent research organization. Which means that clumps of this product can be safely flushed without clogging your sewer or septic system, when used as directe

100% compostable.
Swheat Scoop litter can be composted or used as mulch for ornamental plants (non-vegetable gardens) once it has been thoroughly scooped.

A renewable resource.
Swheat Scoop litter is made from naturally processed, secondary (non-food grade) wheat grown in the heart of the Great Plains states.

Clay Litter

Some cat owners question the safety of scoopable clay litters for their family and pets. They want to know if it's harmful to inhale the silica dust when these products are poured. And whether it's hazardous if their cat licks or ingests the granules during grooming.

While Swheat Scoop is a scoopable litter, it's 100% clay-free. It doesn't require any silica, sodium bentonite, chemicals or flowery fragrances to clump and control odor. And Swheat Scoop is naturally non-toxic because it's made from naturally processed wheat. In fact, this litter is so gentle, it's even recommended by veterinarians for kittens and newly declawed cats.

Fast Facts

Product - Swheat Scoop is an all-natural scoopable litter that's made from naturally processed (non-food grade) wheat. Its natural wheat enzymes work continuously to eliminate odors, no matter how many cats you own.

Package - Swheat Scoop litter is available in a 13.5 lb. box, as well as 14, 25 and 40 lb. bags. Our new Disposable Litter Box comes with a 5 lb. supply.

Price - Swheat Scoop is competitively priced with premium clumping and alternative litters.

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DOG CAT FISH SMALL ANIMAL FERRET REPTILE BIRD FLEA & TICK FOOD CENTER SALE & OFFERS

Home Cat Litter & Accessories Purina Yesterday's News Original Paper Pellet Unscented Cat Litter
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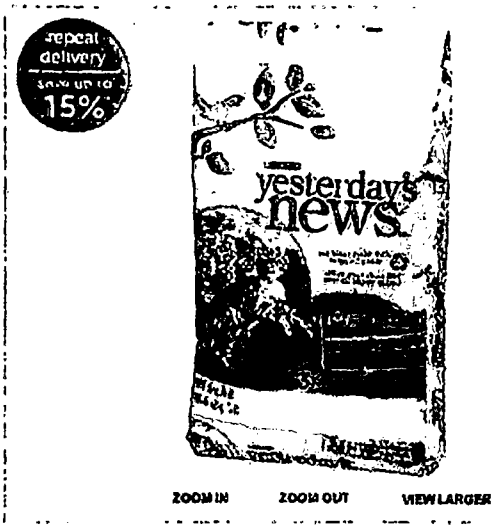


ZOOM IN ZOOM OUT VIEW LARGER

DESCRIPTION DIRECTIONS WARRANTY

Purina Yesterday's News Original Paper Pellet Unscented Cat Litter

Tough on odors. Gentle on the environment. Purina Yesterday's News Original Paper Pellet Unscented Cat Litter is the environmentally-friendly cat litter made from recycled newspapers. The super-absorbent paper pellets trap three times more moisture than clay and are virtually dust-free. Made from a minimum of 70% recycled paper material (70% of which is recycled newspaper). Recommended by veterinarians for post-surgical use. Non-toxic (safe if ingested). Safe for small animals, ferrets and rabbits.

PRODUCT Q&A

1 Question, 3 Answers

Search Product Q&A

Does this clump? I am considering getting it. I have 4 cats. 3 answers

1 of 1

PRODUCT REVIEWS

WRITE A REVIEW

4 / 5

58 out of 79 (73%) reviewers recommend this product.

Sort By

5 / 5

Great for Ferrets!!

September 21, 2006

Andielee from Kansas City,MO

Purina Yesterday's News Original Paper Pellet Unscented Cat Litter

Internet Price: $17.99 - $64.76

Shop All Products By Yesterday's News

- Tough on odors, gentle on the environment
- Made from recycled newspaper
- Three times more absorbent than clay
- Unscented - no fragrance
- Safe for small animals, ferrets and rabbits

MORE DETAILS

Usually Leaves Warehouse the Next Business Day | More Shipping Info

4 / 5 Read all 79 reviews · Write a review

58 out of 79 (73%) reviewers recommend this product.

Enter a quantity and save more when you select Repeat Delivery.

30 lbs. SKU: 375322	$17.99 Repeat Delivery Price $17.09	Qty:
120 lbs. Pack of 4 - 30 lb. bags SKU: 375322M4	BULK BUYS $64.76 Repeat Delivery Price $61.52	Qty:

Store Prices Vary

SEE HOW THESE PRODUCTS COMPARE

Easy Returns to Store | Safe Shopping

ADD TO MY SHOPPING LIST

YOUR PET MIGHT ALSO LIKE

Omega Paw Roll 'n Clean Litter Box

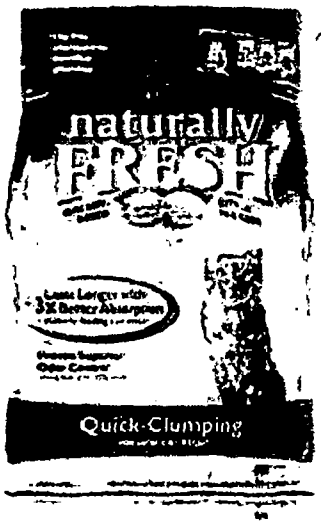
$28.79 to $32.59
up to 20% off

Petco Litter Scoop

$2.99

Advantage II Once-A-Month Cat & Kitten...

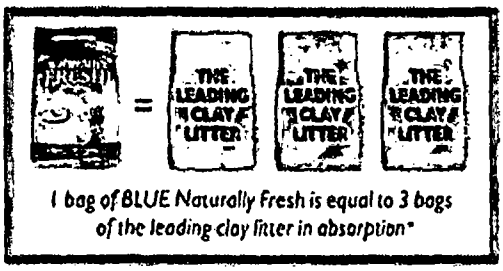
$31.99 to $34.99
up to 20% off



BLUE Naturally Fresh®
Quick-Clumping Formula

Long lasting — proven to absorb 3x better than the leading clay litter*.

Because BLUE Naturally Fresh is so absorbent, one bag of BLUE is equal to three bags of the leading clay litter.



+ Zoom

Available in 6, 14 & 26 lb. bags.

Superior odor control* from the walnut shell.

Made from a proprietary blend of the fibrous materials found in the walnut shell, BLUE Naturally Fresh neutralizes litter box odors better than clay, pine and wheat.

Harder clumps for easier scooping*.

Our super-absorbent formula produces harder clumps than pine, corn and wheat, making clean-up simple and mess-free.

Low tracking and virtually NO dust.

Unlike clay litters which throw off silica dust, BLUE Naturally Fresh is virtually dust-free so you and your cat can breathe easy. And because it doesn't stick to your cat's paws, it won't be tracked throughout your house.

100% Natural and Eco-Friendly Formula

All-natural and annually renewable.

100% natural and biodegradable†, BLUE Naturally Fresh is made from walnut shells, an annually renewable non-food agricultural product.

NO chemicals, NO toxins, NO worries.

Made without any harmful ingredients, BLUE Naturally Fresh is safe for you and your cat or kitten.

USA-made.

All of the walnut shells used to make BLUE Naturally Fresh are homegrown in the USA!

Transitioning from your current litter to BLUE Naturally Fresh Quick-Clumping Litter

1. Start by placing one to two inches of BLUE Naturally Fresh Quick-Clumping Litter in a clean cat litter box.
2. Top dress with enough of your current cat litter to cover BLUE Naturally Fresh Quick-Clumping Litter.
3. Each time you change the litter, reduce the amount of your current litter.
4. It typically takes one or two changes for most cats to be comfortable with a new litter. Repeat reducing the amount of your current litter if needed.

Note: Wash hands thoroughly after handling used cat litter. Cat feces sometimes carry parasites that can cause toxoplasmosis. Pregnant women and people with suppressed immune systems should avoid contact with used cat litter.

Instructions

1. Fill clean litter box to the recommended level of 3" of BLUE Naturally Fresh Quick-Clumping Litter.
2. BLUE Naturally Fresh Quick-Clumping Litter forms an easily removable clump of waste when wet. Remove with a scoop and discard according to your local regulations.
3. Maintain by removing clumps and solid waste daily. Add more litter, as needed, to maintain 3" depth.
4. It is recommended that you clean and sanitize your litter box every 30 days to maintain a fresh and healthy litter box for your cat.

Based on a single-cat household, BLUE Naturally Fresh Quick-Clumping Litter should last at least 30 days between changes, or as needed, for odor control.

BLUE Naturally Fresh is made from walnut shells, an annually renewable non-food agricultural product.

† BLUE Naturally Fresh litter is biodegradable if composted or disposed of in a similar fashion. Landfill disposal of litter in plastic bags is not conducive to biodegradation.

The BLUE Healthy Home symbol is your assurance that this product is all-natural, toxin-free and of the highest quality.

MADE IN THE USA
All of the walnut shells used to make BLUE Naturally Fresh are homegrown in the USA.

* In separate independent studies commissioned by Blue Buffalo, BLUE Naturally Fresh Quick-Clumping, Scented Multi-Cat Quick-Clumping and Herbal Attraction Quick-Clumping litter were found to: (i) have a liquid absorption capacity at least three times greater per ounce than the leading clay-based litter; and (ii) control ammonia odors better than the leading clumping litters; and (iii) form harder clumps than the leading pine, corn and wheat clumping litters.

**In separate independent studies commissioned by Blue Buffalo, BLUE Naturally Fresh Multi-Cat Clumping litter was found to: (i) control ammonia odors better than the leading clumping litters; and (ii) have a liquid absorption capacity at least 200% greater per ounce than the leading clay-based litter; and (iii) form harder clumps than the leading pine, corn and wheat clumping litters.

***In an independent study commissioned by Blue Buffalo, BLUE Naturally Fresh Non-Clumping Pellet litter was found to: (i) control ammonia odors better than the leading non-clumping litters.

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Natural Cat Litter

A major advancement in natural cat litter, BLUE Naturally Fresh cat litter is made from a proprietary blend of fibers from the walnut shell so it is a 100% natural, biodegradable[1] cat litter. Laboratory tests have shown that BLUE Naturally Fresh is one of the most absorbent cat litters you can buy, so it is long lasting. This Blue Buffalo kitty litter also offers some of the best odor control on the market, along with hard clumping for easy cleaning.

Healthy Dog Food | Healthy Cat Food

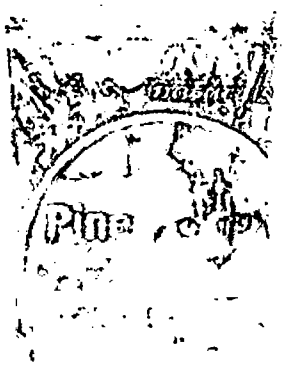
Weekly Ads at Your Local Stores

Macy's | Target | Walmart | Kmart | Sears | Toys"R"Us | RadioShack | D

Allergic Rhinitis Info
claritin.com
Get Seasonal & Regional Allergy Info - Find Helpful Tips / Guides

PETSMART

Offer has Expired.



ExquisiCat Naturals Fragrance Free Pine Cat Litter

Made from 100% biodegradable, natural pine, ExquisiCat Naturals Fragrance Free Pine Cat Litter controls odors naturally. It's a low-dust formula that can take as many uses as a bag nearly twice its weight of typical scoop litter.

Made in USA

8 lbs, 14 lbs, 25 lbs

Browse all deals at PetSmart

See more in Pet Supplies

See more from ExquisiCat

* This offer may contain time-sensitive information and offers. Please check with PetSmart to confirm actual price & availability.

30% Off Kohls Coupons
kidcity.com
Get 30% Off Your Next Purchase With Our Free Coupons. Offer Ends Soon!

Other Items From ExquisiCat at PetSmart

See all other items

$12.99 ~~$13.99~~
ExquisiCat Pine Cat Litter

$27.99 ~~$28.99~~
ExquisiCat Cat Litter

$7.99 ~~$8.99~~
ExquisiCat Training Formula Clumping Cat Litter

Community Suggestions

See all community picks

$15.99
by michellegrauh...
Listed 5 months ago...

$54.99
by jasonlsjason
Listed 6 months ago...

$53.97
by brianpetranek1
Listed 6 months ago...

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DOG CAT FISH SMALL ANIMAL FERRET REPTILE BIRD FLEA & TICK FOOD CENTER SALE & OFFERS

Home Cat Litter & Accessories Feline Pine Cat Litter Email This Page

Feline Pine Cat Litter

Internet Price: ~~$10.89 - $17.49~~ Today's Price: $9.89 - $15.74 (Save up to 10%)

Shop All Products By Feline Pine

- 100% Pure pine cat litter naturally destroys odors
- The non-tracking formula is dust free
- No mess; leaves kitty litter box clean and dry
- Environmentally compatible chemical-free formula
- Safe for kittens and post-surgical cats

MORE DETAILS

Usually Leaves Warehouse the Next Business Day | More Shipping Info

4.2 / 5 Read all 120 reviews Write a review

96 out of 120 (80%) reviewers recommend this product.

Enter a quantity and save more when you select Repeat Delivery.

20 lbs.
SKU: 673978
~~$10.99~~ $9.89
Repeat Delivery Price: $9.34
Qty:

40 lbs.
SKU: 1134930
~~$17.49~~ $15.74
Repeat Delivery Price: $14.86
Qty:

Store Prices Vary

SEE HOW THESE PRODUCTS COMPARE Easy Returns to Store | Safe Shopping

ADD TO MY SHOPPING LIST

DESCRIPTION **DIRECTIONS** **INGREDIENTS & G.A.** **WARRANTY**

Ingredients:

Ingredients: 100% pure pine. No new trees were cut to make Feline Pine.

PRODUCT Q&A

8 Questions, 7 Answers

Search Product Q&A

Sort by Choose a sort order

Is Feline Pine Original Cat Litter flushable?	2 answers
hOw do I get my free wide slot scoop?	1 answer
Is this product recommended for use with miniature pigs that are litter box trained?	1 answer
Does anyone know how this works in the Omega Paw litter box? I am buying various litters to try that are non clay to see how they work!.	1 answer
How can I find out price of an item in a store?	1 answer

1 2

PRODUCT REVIEWS

WRITE A REVIEW

YOUR PET MIGHT ALSO LIKE

Arm & Hammer Cat Litter Deodorizer with...
$5.49 to $13.18

Petco Litter Scoop
$2.99

Natural Balance Ultra Premium Canned Cat...
$26.16 to $36.50
Up to 10% off

Roll over Image to zoom Larger Image

Purina® TIDY CATS Pure Nature Multiple Cat Litter

Item: 36-13454

☆☆☆☆☆
Read all 173 reviews
Tell Us What You Think!
Tell us what you think about this product. It will help us provide you with better products in the future and help your fellow PetSmart shoppers make better purchases.

Write a review

$ 14.99
Size 14 Lb
Qty | 1

YOUR SHOPPING OPTIONS

Add to Cart ›

Add to Wish List >
VISIT STORE TO PURCHASE
Check Store Availability

YOU MIGHT ALSO LIKE

Purina TIDY CATS Small Spaces Multiple Cat Litter
$8.99

ExquisiCat Cat Litter
$13.99
Reg: ~~$14.99~~

ExquisiCat Naturals Fragrance Free Paper Cat Litter
$5.99
Reg: ~~$6.49~~

DETAILS **REVIEWS**

This highly absorbent litter contains 99.9% natural ingredients, including cedar, corn and pine. The formula provides powerful odor control to help keep your home smelling fresh. You can rely on the natural ingredients in Purina TIDY CATS Pure Nature Litter for Multiple Cats to provide strong odor control for your home. This highly absorbent litter forms lightweight clumps for simple litterbox changing. The cedar, corn and pine litter is 99.9% natural and 99.9% dust-free, making it healthy for your cats and your home.

Features: Clumping, Deodorizing, Natural Scent
Material: Cedar, Corn & Pine
Package Weight: 14 lbs

Directions:
Pour to a depth of 3-4 inches.
Remove solids daily, adding more litter to maintain depth.
Clean the litter box with warm water and mild detergent between litter changes.
Wash hands thoroughly after handling used cat litter.
When transitioning your cat to a new litter, blend gradually increasing amounts of new litter into the old litter over 3 â 4 days
Do not flush cat litter in toilets or dispose of it outdoors in gutters or storm drains.
A parasite sometimes found in cat feces can cause toxoplasmosis in pregnant women and those with suppressed immune systems.

BEST SELLERS **NEW ARRIVALS**

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: P013

Waste Stream Number(s): LA-CIN04.001, LA-MHD04.001, LA-MSG04.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☑ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Trenches A-D Retrieval Operations

Source Document Reference Information (author(s), document and revision number, date, publisher): Henry Nunes, TRU-DOP-1401, Rev. 0, 02/2006, P2010-2455

AK # [b]	Source Doc. Page #[c]	AK Information Summary
PR7, WS2	Throughout	This procedure provides the Transuranic (TRU) Waste Retrieval Program with directions for daily startup and operations, overburden removal, concrete cask handling, and additional operations associated with the retrieval of casks currently stored in Trenches A-D at Technical Area (TA) 54, Area G.

Source Document Data Limitations (if any):

1. DRAFT. Unsigned.

Acceptable Knowledge Expert:

Amy Johns , Amy Johns Date: 2/21/14

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

NTPC RECORDS ORIGINAL
DATE REC'D 6-30-14

DIVIDER PAGE ONLY

Not part of page count

Los Alamos
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NWIS–TA-54-East
Mail Stop J595, Los Alamos, NM 87545

10-Day Comment Review

02-23-2006

P2010-2455

TRU-DOP-1401, R.0

Trenches A – D Retrieval Operations

Effective Date: _____

Next Review Date: _____

IMP-300-00-00 COMPLIANCE (Completed by Document Authorizer)	
☐ IMP-300-00-00 is not applicable to this document	
Hazard Categorization *(Check one)*	**Action- Official documentation is maintained on the document's traveler** *(Where applicable, check one)*
☐ Low	☐ No IWD is required, proceed with work
☐ Moderate	☐ Document is authorized to serve as Part I of the IWD ☐ A separate Part I- "Activity Specific Hazards Control Table must be completed
☐ High	☐ NWIS Division Leader Memorandum Attached

Process Owner	**Signature**	**Date**
Henry Nunes		

Team Leader

William Gonzales		

***Authorizing Signature:**
NWIS TA-54-East Operations Manager

Don Allen		

*Authorization required: for low hazard, the responsible supervisor; for moderate hazard; the applicable group leader; for high hazard, the Division Leader.

YOU ARE RESPONSIBLE FOR VERIFYING THAT YOU ARE WORKING TO THE MOST CURRENT REVISION OF THIS DOCUMENT.

HISTORY OF REVISIONS

Document Number	Issue Date	Action	Description
TRU-DOP-1401, R.0	February 2006	New Document	

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1.0 PURPOSE

This procedure provides the Transuranic (TRU) Waste Retrieval Program with directions for daily startup operations, overburden removal, concrete cask handling, and additional operations associated with the retrieval of casks currently stored in Trenches A–D at Technical Area (TA) 54, Area G.

2.0 SCOPE

This procedure is applicable to the following Trenches A–D operations: removal of overburden and Q-Decking from the trench, retrieval of casks, and transport of casks. It applies to all personnel working on the Trenches A–D Retrieval Project.

3.0 PREREQUISITES

Personnel using this procedure independently must be trained and qualified in accordance with QSJS-04-7584, "TRU Retrieval Operations," and the TA-54 Emergency Action Plan (EAP).

Work performed during this procedure will be covered under the appropriate Radiological Work Permit (RWP), the Integrated Work Document (IWD) and the Health and Safety Plan (HASP).

4.0 PRECAUTIONS AND LIMITATIONS

Personnel working on the Trenches A–D Retrieval Project shall:

- Not carry matches, lighters, or other fire-producing items
- Minimize ignition sources within 50 feet (ft) of the trench
- Perform refueling operations outside of work area
- Stage fuel-containing machinery within 50 ft of work area when not in use
- Not store flammable liquid within 50 ft of the retrieval area
- Upon identification of a damaged cask, secure the cask immediately to ensure that the integrity of the drums inside the cask is maintained
- Suspend retrieval and transport operations in the event of lightning storms, excessive snow, rain, or winds greater than 30 miles per hour (mph), as determined by the Health and Safety Officer (HSO), or designee, and the Contractor Field Engineer
- Follow site-wide signs/postings

5.0 RESPONSIBILITIES

Project Leader	♦ Responsible for overall Trenches A–D Retrieval Project operations ♦ Performs weekly review of Attachment B: Daily Site Inspection Checklist, FORM B: TRU-DOP-1401
Operations Supervisor	♦ Supports the Project Leader and Contractor Field Supervisor ♦ Ensures proper waste generation controls are implemented and followed to allow for the free release of packing material
Field Supervisor	♦ Responsible for day-to-day cask retrieval and Cask Preparation Facility operations. This includes pre-shift assessments, personnel assignments, safe retrieval and Cask Preparation Facility operations, and direction of contractor personnel ♦ Assists personnel in determining safe operating practices ♦ Performs a daily tailgate safety briefing from the IWD
Health and Safety Officer/ Industrial Hygienist	♦ Responsible for overall FMU-6 health and safety ♦ Determines the plan of action when emergency situations occur ♦ During emergency situations, provides FMU-6 emergency instructions to operations personnel ♦ Performs daily safety inspections ♦ Orders, inspects, and issues respirators; disposes of used respirators ♦ Performs and documents industrial safety monitoring ♦ Assists personnel in determining safe operating practices ♦ In conjunction with Radiological Control Technician (RCT), determines Personal Protective Equipment (PPE) requirements ♦ Observes Trenches A–D operations, evaluates the hazards, and provides safety oversight direction ♦ Determines the necessary screening/monitoring equipment and performs monitoring ♦ Reviews materials purchased for the Trenches A–D Retrieval Project for associated hazards (e.g. caulk, adhesives, etc.)

Radiological Control Technician	♦ Performs and documents radiological monitoring ♦ Assists personnel in identifying as-low-as-reasonably-achievable practices ♦ Assigns supplementary dosimetry ♦ Determines PPE requirements in conjunction with the HSO ♦ Identifies best approaches for radiological activities conducted in this procedure
Laborer	♦ Responsible for overburden removal, cask handling, housekeeping, and related activities associated with the Trenches A–D Retrieval Project
Teamster	♦ Operates trucks ♦ Responsible for overburden removal, cask handling, housekeeping, and related activities associated with Trenches A–D
Operator	♦ Operates forklifts, cranes, and similar specialized equipment ♦ Responsible for overburden removal, concrete cask handling, housekeeping, and related activities associated with Trenches A–D ♦ Assists in planning for unique retrieval operations

6.0 PROCEDURE

6.1 PROCEDURE-SPECIFIC EQUIPMENT

The following materials and equipment must be onsite during scheduled project operations:

- Contamination fixodent
- Portable high efficiency particulate air (HEPA) filter unit
- Spill kit
- PPE
- Tarps
- Dust Suppression (i.e., water)

Procedure-specific equipment will be provided by Nuclear Waste Infrastructure Services (NWIS) Division.

6.2 STARTUP OPERATIONS

6.2.1 Personnel Briefing

1. The Field Supervisor (FS) shall make personnel assignments for the work shift.

2. The FS shall brief personnel on activities planned for the work shift utilizing the Daily Briefing Form (Attachment A).
3. The HSO and the FS shall brief personnel on any special health and safety requirements or unusual situations for the work shift.
4. The HSO and the RCT shall brief personnel on any special (off-normal) PPE and other protective equipment requirements for the work shift.
5. Weather conditions and forecasts shall be checked to ensure weather is appropriate for retrieval operations.

6.2.2 Equipment Checks

1. Equipment operators shall inspect equipment and complete checklists as required by POLICY-WFM-026, " Requirements for Industrial Vehicle Maintenance and Inspections."

CAUTION

The equipment-qualified operator ensures that all industrial equipment (i.e., forklift or crane) is refueled outside of the retrieval area.

2. The HSO and RCT shall check monitoring equipment for proper operation, prior to use.
3. Before use, trained personnel shall check slings, grapplers, and strongbacks for defects.

NOTE: All hoisting activities shall be conducted in accordance with LIR402-1120-01.1, "Cranes, Hoists, Lifting Devices, and Rigging Equipment."

6.2.3 Personnel Preparation

1. Personnel shall don PPE according to the applicable RWP.

6.3 DAILY SITE INSPECTION

The FS or HSO shall perform the following in accordance with the Attachment B: Daily Site Inspection Checklist, Form B: TRU-DOP-1401.

1. Ensure the following contamination control materials are staged at or near the retrieval site:
   - Contamination fixodent
   - Portable HEPA filter unit
   - Spill kit
   - PPE
   - Tarps
   - Dust Suppression (i.e., water)

- Poly/Plastic bags

2. Inspect for the following fire protection issues:
   - Fire extinguishers are staged where accessible to retrieval personnel
   - No flammable liquids are stored in the retrieval area
   - Combustible materials are limited to those materials necessary for work being performed
   - Brush and vegetation is cleared from the trench area
   - No fuel or fuel-loaded machinery is stored in the work restricted area
3. Verify that all postings/signs are clearly visible
4. Inspect for the following:
   - Phones for emergency communications are working.
5. The buddy system will be established to maintain awareness of personnel during retrieval operations.

6.4 COORDINATED OVERBURDEN REMOVAL

NOTE: Overburden removal is a periodic operation. The FS directs the extent of overburden removal.

1. Ensure that Attachment B: Daily Site Inspection Checklist, Form B: TRU-DOP-1401 has been completed satisfactorily.
2. Remove overburden from around casks to be retrieved using appropriate equipment.
3. Remove the excavated soil from the retrieval area and place it in the designated area.

6.5 REMOVAL OF Q-DECKING

1. Wearing gloves, pull 4 sheets of Q-Decking back and away from the array exposing 10 casks at a time.

WARNING	
Hazard:	• Sharp Objects
	• High Winds
Control:	• Expose the face of the cask
	• Hook sling around cask
	• Hook to the crane and lift
	• RCT checks top, sides, and bottom for leaks

2. Remove Q-Decking from retrieval area and place in the designated area.

6.6 CASK RETRIEVAL

1. Employ dust suppression measures, as necessary, prior to and during operations.
2. Prepare cask to be hoisted, by crane, up and away from the array.

NOTE: All hoisting activities shall be conducted in accordance with LIR402-1120-01.1, "Cranes, Hoists, Lifting Devices, and Rigging Equipment."

3. Select an approved lifting strap or lifting cable.
4. Rig the strap (or cable) to the cask, to be lifted.

NOTE: The signalman will direct the crane operator when positioning the crane boom in preparation for or during lifts.

5. Attach the strap (or cable) to the crane.
6. Slowly lift the cask from the trench.

WARNING

Hazard: Cask Failure

Control:
- Immediately lower the cask to the ground
- Maintain tension in the strap (or cable) to prevent the cask from toppling
- Block and brace the cask, as necessary, to maintain a vertical or nearly vertical orientation
- Proceed to Step 15 regarding evaluation of cask integrity

7. When the cask is clear of its location in the trench, place the cask on the ground and retain tension on the lifting strap or cable with the crane.
8. RCT will check for contamination on the cask and on any adhered soil.
   A. If external contamination is encountered, take the following immediate actions to contain this contamination:
      1) Stop work activity
      2) Warn others
      3) Contain contamination
      4) Isolate the area
      5) Minimize exposure
         - Remain upwind

- Move away from contamination

6) Perform airborne and contamination surveys
7) Evaluate containment/clean-up methods and determine source(s) of contamination
8) Contain and clean up

9. Remove any adhered soil from the cask using high HEPA filtered vacuuming or manual cleaning.
10. RCT will check for contamination in places where the soil was removed.
11. Release tension on the lifting strap (or cable).
12. Disconnect the lifting strap or cable from the crane.
13. Disconnect the lifting strap or cable from the cask.
14. Repeat steps 6.6 (1) through 6.6 (13) for the next cask to be removed.

If	Then
A cask has minor concrete damage	Determine whether cask can be staged for transport or whether the concrete should be repaired by crackfill, Quickrete, or caulking.
A cask has major concrete damage	Determine whether concrete should be repaired by crackfill, Quickrete, caulking or whether the cask should be repacked.
A cask is damaged beyond repair	Retrieve the 30 gallon drums in accordance with an approved work package.

WARNING

HAZARD: Personnel exposure to contaminants and environmental release

CONTROL: **The following are hold points for operations.** Stop activity if you:

- See liquids leaking from concrete casks
- Notice unusual odors
- Discover unsafe conditions or seriously damaged casks

Report any such situations to the FS or Facility Duty Officer (FDO) for subsequent evaluation and determination of actions required.

15. Visually inspect the cask for evidence of the following:

NOTE: The determination of "significant degradation or damage" is based on the judgment of operating personnel as to the cask's capability to be handled, lifted, and transported without leaking.

- Cracks in concrete
- Leakage or breaches
- Missing pieces of concrete

16. Record cask observations on Attachment C: Cask Retrieval Information, Form C: TRU-DOP-1401.
17. If a retrieved cask is damaged and requires repair, record the retrieved cask's identification number on Attachment C and repair the cask by using crackfill, Quickrete or caulking.

    NOTE: Damaged concrete casks should be repaired by crackfill, Quickrete or caulking per the direction of the Trenches A–D Project team.

18. RCT will survey all casks for contamination prior to removal from the retrieval area.
19. RCT will swipe the tops, sides, and bottoms of the casks.

6.7 SECURING RETRIEVAL OPERATIONS

1. Ensure the cask array will not be destabilized.
2. Ensure that equipment-containing fuel sources are staged at least 50 ft from the casks.
3. Cover the working face of the trench array with a heavy-duty tarp when operations are not in progress, if necessary.

6.8 STAGING AND LOADING CASKS

WARNING	
HAZARD:	Injury to personnel or damage to casks
CONTROL:	Casks shall not be transported without visual inspection of its integrity

1. Casks shall be staged within the Trenches A–D designated area.
2. Complete Attachment C: Concrete Cask Retrieval Information, Form C: TRU-DOP-1401.
3. Prior to transport, All-In-One label must be adhered to each cask.

6.9 CASK TRANSPORT

1. Transport vehicle operators shall have a commercial driver's license.
2. Load and secure casks on transport vehicles, securing them against movement within the vehicle by using tie downs.

6.10 WASTE MANAGEMENT

All waste materials generated during this procedure will be managed according to the requirements of the Generator Waste Certification Program.

7.0 DEFINITIONS AND ACRONYMS

7.1 DEFINITIONS

Emergency Situation: Any situation encountered that threatens the safety or health of facility workers, the public, or that harms the environment.

Overburden: Relates to the backfill material (i.e., soil) that is placed on the waste container.

Q-Decking: Tin (galvanized, corrugated) sheets.

Unusual Situation: Unanticipated events that threatens the safety or Health of facility workers, the public, or that harms the environment.

7.2 ACRONYMS

DOP	detailed operating procedure
FS	Field Supervisor
ft	feet
HEPA	high efficiency particulate air
HSO	Health and Safety Officer
IWD	Integrated Work Document
NWIS	Nuclear Waste Infrastructure Services

PPE	personal protective equipment
RCT	radiological control technician
RWP	radiological work permit
TA	technical area
TRU	transuranic

8.0 REFERENCES

LIR402-1120-01.1, Cranes, Hoists, Lifting Devices, and Rigging Equipment."

POLICY-WFM-026, "Requirements for Industrial Vehicle Maintenance and Inspections."

QSJS-04-7584, "TRU Retrieval Operations."

9.0 RECORDS

The following records will be generated as a result of implementing this procedure, and maintained by NWIS Division Records Management and Document Control Center:

- Attachment A: Daily Briefing, Form A: TRU-DOP-1401
- Attachment B: Daily Site Inspection Checklist, Form B: TRU-DOP-1401
- Attachment C: Cask Retrieval Information, Form C: TRU-DOP-1401

10.0 ATTACHMENTS

Attachment A. Daily Briefing

Attachment B. Daily Site Inspection Checklist

Attachment C. Cask Retrieval Information

ATTACHMENT A. DAILY BRIEFING

DAILY BRIEFING

Project: _____ DATE _____

WORK BEING PERFORMED: _____

_____

_____

GENERAL/ADMINISTRATIVE (check if adequate; explain any deficiencies below). __

_____ Daily brief conducted
_____ Site postings
_____ Site communication
_____ Use of buddy system when necessary

HAZARDS/CONCERNS (NO indicates not observed: Y indicates observed; explain hazards/concerns below)

NO	Y	
___	___	Pinch points
___	___	Sharp objects
___	___	Impaling hazards
___	___	Slip & trip hazards
___	___	Fire hazards
___	___	Electrical hazards
___	___	Pressurized system concerns (cylinders, hoses, lines, tanks)
___	___	Housekeeping concerns
___	___	Material hazards
___	___	Traffic controls/Road hazards/Vehicle operation
___	___	Mutual interference
___	___	Eye hazards
___	___	Inattention to task
___	___	Illumination problem
___	___	Sanitation concerns (shower trailers, toilets, hand washing facilities, drinking facilities)
___	___	Insufficient ventilation
___	___	Exits obstructed
___	___	General industrial hygiene concerns (ergonomics, heat stress, health hazards)
___	___	Inadequate PPE at location of work
___	___	PPE improperly selected
___	___	PPE not used or improperly used
___	___	PPE improperly stored
___	___	Other _____

_____

Describe any deficiencies, hazards or concerns and recommendations: _____

_____

_____

_____

_____

_____

_____

_____

Completed by: _____ _____

(Print Name) (Title) (Signature)

Form A: TRU-DOP-1401, R.0

Page 1 of 1
Printed on: 2/23/2006

SAMPLE

ATTACHMENT B. DAILY SITE INSPECTION CHECKLIST

Daily Site Inspection Checklist		
1. Ensure the following contamination control materials are staged in the retrieval area:		√
• Contamination fixodent		
• Portable HEPA filter unit		
• Spill kit		
• PPE		
• Tarps		
• Dust Suppression (i.e., water)		
• Poly/Plastic bags		
2. Inspect for the following fire protection issues:		
• Fire extinguishers are staged where accessible to retrieval personnel		
• No flammable liquids are stored in the retrieval area		
• Combustible materials are limited to those materials necessary for work being performed		
• Brush/vegetation is cut back clear of the trench array		
• No fuel or fuel-loaded machinery is stored in the work restricted area		
3. Verify that all postings/signs are clearly visible		
4. Inspect the following:		
• Phones for emergency communications are working • The buddy system will be established to maintain awareness of personnel during retrieval operations		
Comments:		
Field Supervisor or HSO Signature:		Date:
Trenches A–D Team Leader Weekly Review	Initial:	Date:

SAMPLE

Form B: TRU-DOP-1401, R.0
Page 1 of 1
Printed on: 2/23/2006

ATTACHMENT C. CASK RETRIEVAL INFORMATION FORM

Name (Print): _____

Z Number _____ **Date**_____

Cask NUMBER	SURFACE DOSE RATE (mr/hr)	Cask CONDITION G= Good C = Concrete Repair R = Repack			Cask CONDITION /COMMENTS C = Concrete Crack BR = Breach
		G	C	R	
					Cask Condition: **Location on Cask:** **Other Comments:** ***Specify:***
					Cask Condition: **Location on Cask:** **Other Comments:** ***Specify:***
					Cask Condition: **Location on Cask:** **Other Comments:** ***Specify:***
					Cask Condition: **Location on Cask:** **Other Comments:** ***Specify:***
					Cask Condition: **Location on Cask:** **Other Comments:** ***Specify:***
					Cask Condition: **Location on Cask:** **Other Comments:** ***Specify:***
					Cask Condition: **Location on Cask:** **Other Comments:** ***Specify:***

EXAMPLE

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	1/21/2009

P013	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	1/15/2009	1
NA	TRU-DOP-1401 - Trenches A-D Retrieval Operations	2/23/2006	8 16 SG 2.12.09

None

Acceptance/Rejection Signature and Date

Records Accepted ☑	Sonia Gonzalez Signature	SONIA GONZALEZ Printed Name	02.12.09 Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

N/A

Re-submittal:

Signature	Printed Name	Date

HP LaserJet *M2727nf MFP*

Fax Confirmation Report

HP LASERJET FAX

Feb-12-2009 9:42AM

Job	Date	Time	Type	Identification	Duration	Pages	Result
4606	2/12/2009	9:42:22AM	Send	96283238	0:32	1	OK

Controlled Copy

CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**
CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-6689
Telephone Number:	505-234-7523	Date Sent:	1/21/2009

P013	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	1/15/2009	1
NA	TRU-OOP-1401 - Trenches A-D Retrieval Operations	2/23/2006	16 2-12-09

None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez — SONIA GONZALEZ (Printed Name) — 02.12.09 (Date)
Signature / Printed Name / Date

Records Rejected ☐ _____ / _____ / _____
Signature / Printed Name / Date

Reason for Rejection: N/A

Re-submittal: _____ / _____ / _____
Signature / Printed Name / Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
P013	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	AA		

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑	Sonia Gonzalez (Signature)	SONIA GONZALEZ (Printed Name)	11/17/09 (Date)
Records Rejected ☐	(Signature)	(Printed Name)	(Date)

Reason for Rejection:

N/A

Re-submittal:	(Signature)	(Printed Name)	(Date)

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	2187
DESTINATION TEL #	92347138
DESTINATION ID	CHEZIE TODD
ST. TIME	11/17 10:21
TIME USE	00'15
PAGES SENT	1
RESULT	OK

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
P013	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	AA		

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez
Signature

SONIA GONZALEZ
Printed Name

11/17/09
Date

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C007

Waste Stream Number(s): LA-CIN04.001, LA-MHD04.001, LA-MSG04.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☑ C - Correspondence
☐ Waste Stream-Specific Information	☐ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Interview of J. Foxx: TA-21 DP West Plutonium Processing Operations, 1970-1977, Lack of Operating Procedures

Source Document Reference Information (author(s), document and revision number, date, publisher): Catherine Smith, TWCP-19902/P2010-0773, 02/17/04

AK # [b]	Source Doc. Page # [c]	AK Information Summary
S7, S13	1	Standard operating procedures (SOPs) were not in general usage at TA-21. In the 10 years Jim Foxx worked at TA-21, he never used an SOP. When plutonium operations were relocated to TA-55, there was a concerted effort to prepare SOPs for operations at the new facility.

Source Document Data Limitations (if any):

1. These notes represent Jim Foxx's personal recollections.

Acceptable Knowlege Expert:

Amy Johns , Amy Johns Date: 2/21/14

Print /Sign

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

NTPC RECORDS ORIGINAL
DATE REC'D 6-30-14

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MHD04.001

Site(s): Los Alamos National Laboratory-Technical Area 21	Source Document Tracking Number: C007
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☐ Waste Stream-Specific Information ☑ Supplemental Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Interview of J. Foxx: TA-21 DP West Plutonium Processing Operations, 1970-1977, Lack of Operating Procedures

Source Document Reference Information (author(s), document and revision number, date, publisher): Catherine Smith, TWCP-19902/P2010-0773, 02/17/04

AK # [a]	Source Doc. Page # [b]	AK Information Summary
S7, S13	1	Standard operating procedures (SOPs) were not in general usage at TA-21. In the 10 years Jim Foxx worked at TA-21, he never used an SOP. When plutonium operations were relocated to TA-55, there was a concerted effort to prepare SOPs for operations at the new facility.

Source Document Data Limitations (if any):

1. These notes represent Jim Foxx's personal recollections.

Acceptable Knowlege Expert:

David Guerin or James Luginbyhl / James Luginbyhl Date: 8/16/2006
Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

SUPERCEDED
SG 11/09/09

DIVIDER PAGE ONLY

Not part of page count

TWCP-19902

P2010-0773

DTP-00-080,Rev0
Effective Date: 12/10/03

Attachment 3–Form
Page 1 of 1

RECORD OF COMMUNICATION

Subject of Communication: TA-21 DP West Plutonium Processing Operations, 1970 – 1977 Lack of operating procedures		
Interviewer: Catherine H. Smith	**Date:** 02/17/04	**Time:** 10:00 am
Interviewee: Charles L. (Jim) Foxx	**Organization/Group:** NMT-7 **Job Title:** AK Subject Matter Expert	**Phone:** 7-2328 **E-mail:** cfoxx@lanl.gov

Summary of Communication:

1. Jim stated that standard operating procedures (SOPs) were not in general usage at the TA-21 DP West facility. When plutonium operations were relocated to the new Plutonium Facility at TA-55, there was a concerted effort to prepare SOPs for operations at the new facility.

2. Jim stated that in the 10 years that he worked at the DP West facility, he never used an SOP.

Limitations:

Jim Foxx worked at the TA-21 DP West facility for 10 years, including the time period 1970 –1977, at which time Jim relocated to the new Plutonium Facility at TA-55. He worked extensively on the artificial heart fuel source program. These notes represent his personal recollections.

Acceptable Knowledge Expert: Catherine Smith (Name) C H Smith 02/23/04 (Signature and Date)

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	8/27/09

Document Number	Title/Description	Record Date	Total Pages
C007	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	N/A		

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 11/09/09 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

N/A

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	1780
DESTINATION TEL #	92347138
DESTINATION ID	CHEZIE TODD
ST. TIME	11/10 10:30
TIME USE	00'17
PAGES SENT	1
RESULT	OK

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	8/27/09

Document Number	Title/Description	Record Date	Total Pages
C007	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	N/A		

Comments:

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 11/09/09

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: M229
Waste Stream Number(s): LA-MHD04.001, LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Record of Communication - Secondary Waste Added During Remediation and Repackaging Operations	
Source Document Reference Information (author(s), document and revision number, date, publisher): Michael Papp, NA, Rev. NA, 08/06/2013, P2010-3502	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR5, PR6, WS3, WS9, S7	Throughout	Leah Lavallee and Jay Wilson were interviewed to discuss the batteries found in repackaged containers 91810 (parent container S862603) and 93535 (parent container S823000) assigned to CCP-AK-LANL-014, waste stream LA-MHD10.001. Based on a review of acceptable knowledge source documentation associated with waste stream LA-MHD1 0.001, batteries were not expected to be present in the waste stream. The waste stream is comprised primarily of steel from impact chamber assemblies (a closed system) and associated cleaning and maintenance waste. According to Leah Lavallee and Jay Wilson, only alkaline batteries are included with the secondary waste. The batteries included with job control waste could range from AA to 6 volt lantern batteries and various manufacturers could be used. Leah Lavallee and Jay Wilson recommend adding the potential for nonhazardous alkaline batteries to be present in secondary waste generated during remediation and repackaging operations.

NTPC RECORDS ORIGINAL
DATE REC'D 10/29/13 SP

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: M229

Source Document Data Limitations (if any):

1. The interviewees did not rule out the possibility of batteries from LANL waste generators to be present in the waste prior to repackaging. However, it is not common and in this case the batteries originated from remediation and repackaging operations.

Acceptable Knowlege Expert:

Amy Johns, Amy Johns Date: 8-19-13
Print /Sign

a. Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b. Obtain from Acceptable Knowledge Documentation Checklist
c. For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 2 – Record of Communication

P2010-3502

Corresponding Source Document Tracking No: C013		
Interviewer: Michael Papp	Date: 08-06-13	Time: 12:50pm
Interviewees: Leah Lavallee and Jay Wilson	Group/Organization: Energy Solutions Job Titles: Leah Lavallee - TRU Program Manager/Operations Manager and Jay Wilson - Project Manager	Phone: 803-270-1177 and 505-501-0318 E-mail: lklavallee@energysolutions.com
Subject: Secondary Waste Added During Remediation and Repackaging Operations		

Summary:

Leah Lavallee and Jay Wilson were interviewed to discuss the batteries found in repackaged containers 91810 (parent container S862603) and 93535 (parent container S823000) assigned to CCP-AK-LANL-014, waste stream LA-MHD10.001. Leah Lavallee is the TRU Program Manager/Operations Manager and Jay Wilson is the Project Manager for the four repackaging facilities (i.e., WCRR Facility, TA-54 Building 412, TA-54 Dome 231 Permacon, and TA-54 Dome 375). Both Leah Lavallee and Jay Wilson have been managing the facilities for the past 28 months.

Based on a review of acceptable knowledge source documentation associated with waste stream LA-MHD10.001, batteries were not expected to be present in the waste stream. The waste stream is comprised primarily of steel from impact chamber assemblies (a closed system) and associated cleaning and maintenance waste.

Leah Lavallee and Jay Wilson interviewed both the employees performing the repackaging and their supervisors. According to the repackaging personnel, the batteries present in containers 91810 and 93535 originated from the Radiological Control Technicians equipment (e.g., probes). It is not uncommon for the Radiological Control Technicians to generate batteries. In addition, other equipment used during repackaging will also generate batteries (e.g., flashlights). When the batteries are replaced, the used batteries are included with the job control waste or secondary waste which is placed into the waste container being repackaged. This information corresponds to the TA-54 Area G TRU Crate Remediation Data sheets (see attached) that identify the presence of "Rad Trash".

According to Leah Lavallee and Jay Wilson, only alkaline batteries are included with the secondary waste. The batteries included with job control waste could range from AA to 6 volt lantern batteries and various manufacturers could be used.

Leah Lavallee and Jay Wilson recommend adding the potential for nonhazardous alkaline batteries to be present in secondary waste generated during remediation and repackaging operations.

Data Limitations:

The interviewees did not rule out the possibility of batteries from LANL waste generators to be present in the waste prior to repackaging. However, it is not common and in this case the batteries originated from remediation and repackaging operations.

Acceptable Knowledge Expert: Michael Papp (Print) MPP (Sign) Date: 8/13/13

NTPC RECORDS ORIGINAL
DATE REC'D 10/29/13 SP

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C034

Waste Stream Number(s): LA-CIN04.001, LA-MHD04.001, LA-MSG04.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☑ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Secondary Waste Generated by the Remediation/Repackaging Processes at Dome 231 and WCRRF

Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 08/26/2009, P2010-2855

AK # [b]	Source Doc. Page #[c]	AK Information Summary
PR7, WS2, WS9, S16	Throughout	The examples of secondary waste listed below were provided by personnel from both TA-54, Area G, Dome 231 and the Waste Characterization, Reduction, Repackaging and Facility (WCRRF), TA-50-69. Generally, secondary waste is any material, e.g., decontamination materials, PPE, etc., which may come in contact with the waste during the remediation process. Specifically, the Dome 231 prohibited item disposition (PID) procedure states: "ENSURE that all waste has been removed from the parent drum and SEGREGATE any secondary wastes for reinsertion into the daughter drum." [Prohibited Item Dispositioning in Dome 231 Permacon, Rev. 7, EP-DOP-2108, Sec. 9.4, Step 33]. Also, the WCRRF Waste Handling Procedures states: "PLACE waste into daughter drum(s) making note of any waste added in process on Attachment 1. [Processing Waste in the Waste Characterization Glovebox, Rev. 14, EP-WCRR-WO-DOP-0233, Step 8.17.7] The list below provides examples of secondary waste which may be generated during the remediation/repackaging process at Dome 231 and/or WCRRF, including, but NOT limited to: Miscellaneous Items 1.Stick-on type labels 2.Red, plastic tags with metal clips with wire tie 3.Moist Kimwipes (Fantastik-soaked) 4.Drill bits 5.Plastic zip ties 6.Radiation tags (paper with plastic tie wraps) 7.Fantastik plastic bottles (spray and bulk) 8.Plastic tape 9.Glove box windows (not leaded) rubber filters 10.Miscellaneous. Hand tools, scales 11.Dust pans and brooms 12.Rigid liner lids cut into pieces PPE 1.Leather gloves 2.Nitrile gloves

NTPC RECORDS ORIGINAL
DATE REC'D 6-30-14

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: C034
AK # [b]	Source Doc. Page # [c]	AK Information Summary
		3.Saranex sleeves 4.Cloth booties 5.Glove box gloves (rubber), Kevlar gloves Absorbent 1.Waste Lock 770

Source Document Data Limitations (if any):

1. None.

Acceptable Knowledge Expert:

Amy Johns , Amy Johns Date: 2/21/14

Print /Sign

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

DIVIDER PAGE ONLY

Not part of page count

P2010-2655

Secondary Waste
Generated by the Remediation/Repackaging Processes
at Dome 231 and WCRRF
August 26, 2009
Randy Fitzgerald, CCP AKE

The examples of secondary waste listed below were provided by personnel from both TA-54, Area G, Dome 231 and the Waste Characterization, Reduction, Repackaging and Facility (WCRRF), TA-50-69.

Generally, secondary waste is any material, *e.g.*, decontamination materials, PPE, *etc.*, which may come in contact with the waste during the remediation process. Specifically, the Dome 231 prohibited item disposition (PID) procedure states: "ENSURE that all waste has been removed from the parent drum and SEGREGATE any secondary wastes for reinsertion into the daughter drum." [*Prohibited Item Dispositioning in Dome 231 Permacon*, Rev. 7, EP-DOP-2108, Sec. 9.4, Step 33]. Also, the WCRRF Waste Handling Procedures states: "PLACE waste into daughter drum(s) making note of any waste added in process on Attachment 1. [*Processing Waste in the Waste Characterization Glovebox*, Rev. 14, EP-WCRR-WO-DOP-0233, Step 8.17.7]

The list below provides examples of secondary waste which may be generated during the remediation/repackaging process at Dome 231 and/or WCRRF, **including, but NOT limited to**:

Miscellaneous Items

1. Stick-on type labels
2. Red, plastic tags with metal clips with wire tie
3. Moist Kimwipes (Fantastik-soaked)
4. Drill bits
5. Plastic zip ties
6. Radiation tags (paper with plastic tie wraps)
7. Fantastik plastic bottles (spray and bulk)
8. Plastic tape
9. Glove box windows (not leaded) rubber filters
10. Miscellaneous. hand tools, scales
11. Dust pans and brooms
12. Rigid liner lids cut into pieces

PPE

1. Leather gloves
2. Nitrile gloves
3. Saranex sleeves
4. Cloth booties
5. Glove box gloves (rubber), Kevlar gloves

Absorbent

1. Waste Lock 770

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	9/14/09

Document Number	Title/Description	Record Date	Total Pages
C034	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	9/14/2009	2
NH	Secondary Waste Generated by the Remediation/Repackaging Processes at Dome 231 and WCRRF	8/26/2009	1

Comments

None.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) | SONIA GONZALEZ (Printed Name) | 09/14/09 (Date)

Records Rejected ☐ _____ (Signature) | _____ (Printed Name) | _____ (Date)

Reason for Rejection: N/A

Re-submittal: _____ (Signature) | _____ (Printed Name) | _____ (Date)

HP Color LaserJet CM2320nf MFP

Fax Confirmation Report

CCP RECORDS
5752347033
Sep-15-2009 9:55AM

Job	Date	Time	Type	Identification	Duration	Pages	Result
7226	9/15/2009	9:54:36AM	Send	96283238	0:37	1	OK

CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**
CCP Records Management **Page 29 of 29**

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company	Technical Specialists, LLC
Telephone Number:	505-234-7523	Telephone Number:	505-302-6669
		Date Sent:	9/14/09

C034	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	9/14/2009	2
N/A	Secondary Waste Generated by the Remediation/Repackaging Processes at Dome 231 and WCRRF	8/26/2009	1

None

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 09/14/09 (Date)

Records Rejected ☐ _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection: N/A

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: D084
Waste Stream Number(s): LA-CIN04.001, LA-MHD04.001, LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☑ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Review of Nitrate Wastes Associated with Plutonium Purification and Recovery Operations at Los Alamos National Laboratory	
Source Document Reference Information (author(s), document and revision number, date, publisher): NA, LA-UR-14-24715, Rev. NA, June 2014	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR4, PR6, PR7, WS2, WS3, WS4, WS5, WS8, WS11, WS12	Throughout	Plutonium purification and recovery operations using nitric acid have been central to Los Alamos National Laboratory (LANL or the Laboratory) since its inception in 1943. The primary assignment of the earliest chemistry division was to develop and apply the methods for the purification and recovery of uranium to the specifications of composition and purity set by the physics and engineering groups. It was primarily the role of uranium as a stand-in for plutonium that led to the first work on uranium purification. The essential purification step concentrated the uranium from gross amounts of impurities. The potential loss of plutonium during the purification process led to the establishment of a group that developed several methods for the recovery and concentration of plutonium from purification residues so the plutonium could be recycled (LASL 1947). The methods included recovery of plutonium from process solids and solutions, including metals, oxides, slags, crucibles, and solutions returned from chemical, physical, analytical, and metallurgical activities. DP West at Technical Area 21 (TA-21), constructed during the end of World War II (WWII), became the Laboratory's plutonium processing facility until it was replaced by TA-55 in 1978. The need to recover plutonium from purification residues drove the expansion of metallurgical and chemical research programs at DP West. Thus, the processes for recovery of plutonium from purification residues increasingly required additional engineering and equipment, as did the waste products. Management of waste solutions with concentrations of impurities, including americium that created a radiation dose problem, was the focus of many engineered waste process changes at TA-21, TA-55, and TA-54. This report provides summary descriptions of the plutonium nitrate operations, process changes, methods of waste generation, and modes of storage and disposition. This report relies on archived reports, memoranda, and personnel interviews. It does not provide a comprehensive review of plutonium chemistry, nor does it include details for the populations of various waste categories. These details are available in the references provided.

NTPC RECORDS ORIGINAL
DATE REC'D 7/22/2014
EDF

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: D084
Source Document Data Limitations (if any): 1. None.	
Acceptable Knowlege Expert: Amy Johns (Print) Amy Johns (Sign) Date: 7-18-14	
a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc) b Obtain from Acceptable Knowledge Documentation Checklist c For microfilm or microfiche, identify box, tape, reel number and location.	

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PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: D026

Waste Stream Number(s): LA-CIN04.001, LA-MHD04.001, LA-MSG04.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☑ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Los Alamos TRU Waste Certification Plan for Newly Generated TRU waste, Nov 1984

Source Document Reference Information (author(s), document and revision number, date, publisher): Los Alamos National Laboratory, LA-UR-02-6085/TWCP-00697, WCP-HSE7-CPL-01, 2, 11/1984, Los Alamos National Laboratory

AK # [b]	Source Doc. Page #[c]	AK Information Summary
PR8, WS2, S16	1-21	The regulations governing waste shipment to WIPP are outlined and the LANL groups that ensure compliance are listed. An organization chart of the major TRU waste generators is given on page 5. A brief description of the functions of each group is given in the text after the org chart. Details regarding the QA plan run from page 7 to page 21 and include the groups that have responsibilities and what those responsibilities are. Details on packaging requirements are on page 12.
PR4, PR8	22-36	Guidelines on waste packaging are discussed, including contamination control, labeling, color coding, storage and retrieval. Certification record categories and retention guidelines are covered followed by requirements for WIPP data packages. The final section of the document (before Appendix A) covers instructions on preparing the attachments that are part of the plan.
PR5, PR8	40-51	Appendix A lists all attachments to the plan. Appendix B outlines the waste content codes used and their associated description. Appendix C lists the acceptable container types and their dimensions. Appendix D is a Certified Waste Storage Record form and Appendix E is the form used for a non-conformance report. Attachment F is an attachment checklist used to ensure that all items are addressed in the attachments.

NTPC RECORDS ORIGINAL
DATE REC'D 6-30-14

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: D028
Source Document Data Limitations (if any): 1. None	
Acceptable Knowlege Expert: Amy Johns / Amy Johns Date: 2/21/14 Print /Sign	

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

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Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-MHD04.001

Site(s): Los Alamos National Laboratory-Technical Area 21	Source Document Tracking Number: D026
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Supplemental Information	Category: ☐ C - Correspondence ☑ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Los Alamos TRU Waste Certification Plan for Newly Generated TRU waste, Nov 1984

Source Document Reference Information (author(s), document and revision number, date, publisher): Los Alamos National Laboratory, LA-UR-02-6085/TWCP-00697, WCP-HSE7-CPL-01, 2, 11/1984, Los Alamos National Laboratory

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Source Document Data Limitations (if any):

1. None

Acceptable Knowlege Expert:

David Guerin or James Luginbuhl / James Luginbuhl
Print /Sign

Date: 8/16/2006

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

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WCP-HSE7-CPL-01, R2

LA-UR-02-6085
TWCP-697
D026

LOS ALAMOS
TRU WASTE CERTIFICATION PLAN
FOR NEWLY GENERATED TRU WASTE

November 1984

Los Alamos National Laboratory

APPROVALS:

Jesse Aragon, HSE Division Leader — 11/30/84 Date

Leon C. Borduin, HSE-7 Waste Management Group Leader — 11/29/84 Date

John L. Warren, HSE-7 Assciate Group Leader for Solid Waste Operations — 11/29/84 Date

Bruce T. Reich, HSE-7 Author — 11/28/84 Date

SUMMARY OF REVISIONS

1. Group HSE-1 has been reorganized as HSE-1 and HSE-10.

   - o HSE-1 has retained the instrument recall and calibration system and will continue to provide health physics services to the Waste Management Group (HSE-7).

   - o HSE-10 now provides health physics services to CHM-1 and MST Division using instruments maintained by HSE-1.

2. Inclusion of Attachment No. 10, covering wastes produced at the Inhalation Toxicology Research Institute (ITRI) in Albuquerque, required several changes to the QA plan (Section 3). QA and Internal Auditing organizations existing at ITRI have been utilized for quality assurance operations and audits in the same manner that MST-9 performs those functions for MST division waste generators. ITRI will provide audit reports to HSE-7. None of the associated changes to the plan will affect any waste certification activities at Los Alamos.

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APPENDIX A - ATTACHMENTS

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1.0 INTRODUCTION

1.1 Background

In the operation of the Los Alamos National Laboratory, large amounts of transuranic (TRU) waste are generated. Since 1970, TRU wastes have been segregated from low-level wastes and have been stored retrievably in accordance with federal (AEC/ERDA/DOE) requirements. The eventual disposition of TRU waste is now planned to be temporary storage at Los Alamos, followed by permanent emplacement at the Waste Isolation Pilot Plant (WIPP).

The prerequisites for transfer of the waste to the WIPP are well defined:

- DOE Order 5820.2 (2-6-84)[1] states, "Each site that generates TRU waste shall prepare, document, and implement a certification program to demonstrate that the waste meets disposal site acceptance criteria."
- The acceptance criteria are defined in WIPP-DOE-069, "TRU Waste Acceptance Criteria for the Waste Isolation Pilot Plant," (as updated)[2] which specifies basic requirements for disposal of contact-handled and remote-handled transuranic waste at the WIPP.
- The criteria have been supplemented by WIPP-DOE-114, "TRU Waste Certification Compliance Requirements for Newly-Generated Contact-Handled Waste for Shipment to the WIPP," (as updated)[3] which details the procedures required to demonstrate compliance with WIPP-DOE-069.
- DOE Order 5700.6A (8-13-81)[4] requires the establishment of Quality Assurance (QA) programs for all DOE programs. WIPP-DOE-120, "Quality Assurance Requirements for Certification of TRU Waste for Shipment to the WIPP," (as updated)[5] details the requirements for the QA plan and for quality related documentation required for demonstrating compliance with WIPP-DOE-069.

- DOE Order 5820.2 specifies that "...approval authority for certification programs, standard containers, transportation, waste acceptance criteria and all other aspects related to TRU emplacement at the WIPP have been delegated to the Manager, Albuquerque Operations Office." In a memorandum[6] from J. M. McGough, a WIPP Certification Review Committee was established to review and approve certification plans and QA plans submitted by DOE contractors.

Since the above documents were issued, WIPP Certification Review Committee (later changed to WAC Certification Committee) members have offered clarification and further guidance at numerous meetings and in informal reviews[7],[21] of earlier submittals of the Los Alamos TRU Waste Certification Plan.

1.2 Overview

1.2.1 The Laboratory's Waste Management Group (HSE-7), as the receiver, holder, and eventual certifier of the TRU waste, must assure that the waste received from the Los Alamos waste generators meets all of the WIPP criteria so that the required certification statement can be made to the WIPP.

1.2.2 The certification statement will be signed by the Los Alamos Waste Management Group (HSE-7) Leader, or by his designee, when the waste package is shipped to the WIPP. Certification will be based on an accumulated set of documentation provided by the waste generator personnel responsible for the data gathering, packaging, and storage, supported by a system of inspections, tests, and audits.

1.2.3 This certification plan, with its attachments, defines the Los Alamos plan for assuring the WIPP operators that the waste shipped to them from Los Alamos complies with the WIPP waste

acceptance criteria (WAC) defined by the DOE. Only unclassified, newly generated, contact-handled, TRU solid waste is covered by this issue of the plan. Remote-handled waste and waste drawn from retrievable storage will be addressed in amended versions of this plan or, if necessary, in separate plans.

1.2.4 This plan details the certification requirements and activities that apply uniformly to all TRU waste generators. Waste generators must each develop and submit attachments to this plan, wherein they define the details of the certification functions and controls that apply to their specific processes and waste stream. Guidance is contained in Section 9.0 for preparing and processing those attachments.

1.2.5 The QA Plan applicable to TRU waste certification is defined in Section 3.0.

1.2.6 Certified waste will be segregated from other TRU waste and will be stored until shipment to the WIPP begins. Because actual shipment to the WIPP is still a number of years off, only a general description can be given of the anticipated procedure for waste package preparation and certification (see Section 7.0). Later, the plan will be extended to provide the necessary details of inspection of the waste packages upon removal from storage.

1.2.7 Nothing herein is intended to prohibit waste generators from implementing any additional controls dictated by safety or process control needs.

2.0 ORGANIZATION

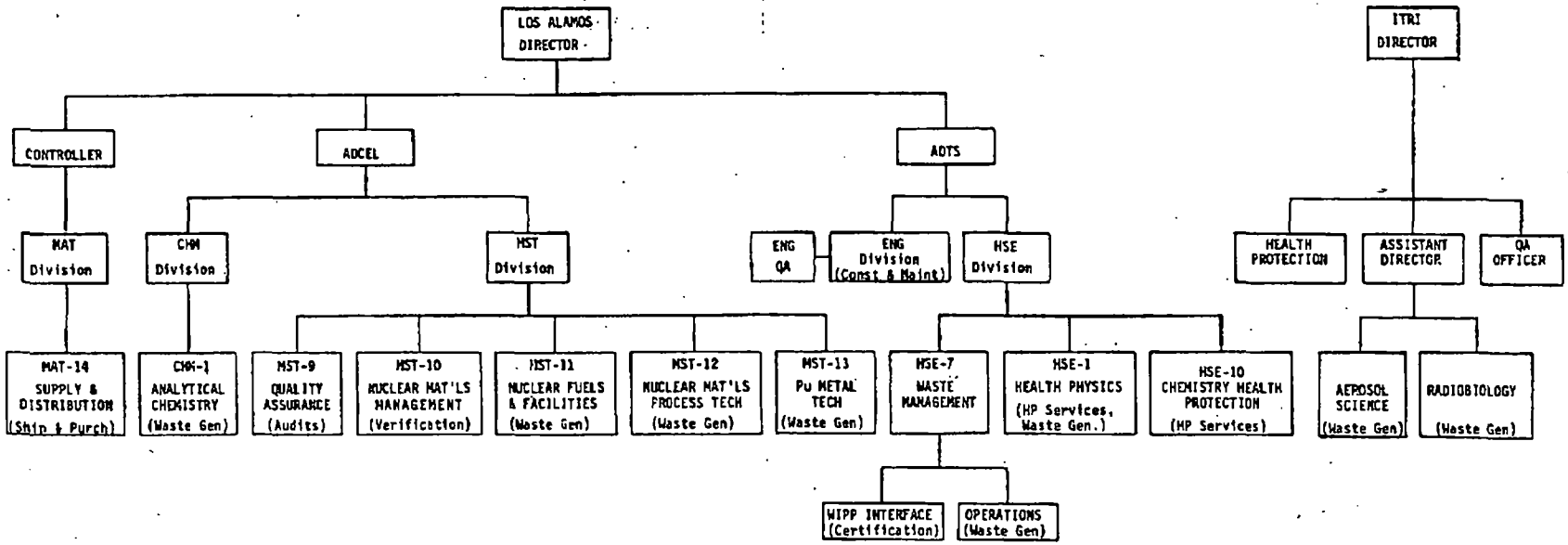
2.1 The organization chart (Fig. 1) depicts a simplified structure (as of this date) showing only the organizations that are major TRU waste generators or are otherwise involved in the production of certified waste. Their functions are listed briefly below. Not shown are a number of other organizations throughout the Laboratory which occasionally produce small quantities of TRU waste.

Each waste generating organization shown shall prepare, and maintain current, an organization chart showing personnel associated with TRU waste generation and certification. The chart shall indicate levels of authority and lines of communication. Interfaces and lines of communication with other organizations in the TRU Waste Certification Program, including the quality assurance organization, shall also be included on the chart.

2.1.1 The Analytical Chemistry Group, (CHM-1), the Nuclear Fuel Development and Facilities Operation Group (MST-11), the Nuclear Materials Process Technology Group (MST-12), and the Plutonium Metal Technology Group (MST-13) are the major TRU waste generators outside of the Waste Management Group (HSE-7).

2.1.2 The Quality Assurance Group (MST-9) operates a complete quality assurance program for the MST Division waste generators and for other waste generators that work closely with MST. The details of this program are provided in Attachment 3 to this plan.

MST-9 also performs QA audits of the overall TRU Waste Certification Program at Los Alamos and of the waste generating operations



SIMPLIFIED ORGANIZATION CHART

Figure 1

within HSE-7 (see Section 3.9).

2.1.3 MAT-14 is the official shipper of the waste to the WIPP, and is also the group responsible for procuring containers.

2.1.4 The Health, Safety, and Environment Division Leader is the Laboratory contact for TRU waste certification correspondence.

2.1.5 The Waste Management Group (HSE-7), by virtue of its position as the receiver and holder of the TRU waste, is the focal point for the TRU Waste Certification Program. The group's functions have been expanded to include development and maintenance of the Certification Plan, review of attachments for completeness and compatibility with the plan and the waste management program, and preparation and loading of the waste shipments. The certification statement will be signed by the Group Leader or his designated representative.

Group HSE-7 also has three waste treatment facilities, the Size Reduction Facility, the Treatment Development Facility, and the Liquid Waste Treatment Plant, which are all treated as waste generators because that waste is uncharacterized until it is processed.

2.1.6 The Radiation Protection Group (HSE-1) provides radiation protection and monitoring support services to some waste generators and to the waste management facilities. HSE-1 also maintains and calibrates health physics instrumentation used for certification purposes[17,18].

2.1.7 The Chemistry Health Protection (HSE-10) Group provides radiation protection and monitoring support services to MST

and CHM Divisions.

2.1.8 ITRI (Inhalation Toxicology Research Institute) is a small off-site waste generator. ITRI is not part of Los Alamos but their TRU wastes have historically been sent here because the small volume generated (5 to 10 drums per year) does not warrant developing and maintaining separate storage facilities. An attachment to this plan has been written for the ITRI waste because it is not practical for them to develop a separate certification program and it is not convenient to treat the waste as miscellaneous. ITRI has QA and Radiation Safety organizations in-house that are utilized rather than attempting to provide those functions from Los Alamos.

2.2 Administrative Requirement (AR) 10-2 of the Health and Safety Manual[9] lists the responsibilities of waste producing and handling organizations at the Laboratory. Waste generating operations within HSE-7 are subject to all of the responsibilities and controls encumbent upon all other waste generators.

2.3 The final approval authority for the Certification Plan and its attachments rests with the WAC Certification Committee (WACCC).

3.0 QUALITY ASSURANCE PLAN

3.1 Introduction

3.1.1 This QA plan was developed specifically to meet the requirements of WIPP-DOE-120[5]. This QA Plan applies only to the Los Alamos TRU Waste Certification Plan.

3.1.2 WIPP-DOE-120 defines the requirements that shall be included in the QA program, and the scope and purpose as stated below:

> "The extent of quality program requirements and the level of the associated QA activity will be commensurate with the scope and importance to the certification program."
>
> "The waste is not the product, and QA/QC is not applied to the waste as a product, but to the certification activities for shipment of waste to WIPP."

3.2 Responsibilities

QA is a line management function; quality assurance functions are performed by members of line organizations following procedures defined in the appropriate attachments to this plan, or by trained quality assurance personnel. Routine review of certification activities is normally performed by qualified members of line organizations who are independent of the activities being performed. In addition, the laboratory has QA organization personnel available for assisting in program development and TRU waste certification program audits, as requested.

3.2.1 The QA program applied to TRU waste certification is the responsibility of the HSE-7 Group Leader. Because most waste generators are outside the line of authority of the HSE-7 Group Leader, control is exercised by HSE-7 both directly and indirectly by:

- defining, in this QA plan, the requirements for the QA activities to be included in the generators' attachments to the certification plan;
- review of generators' attachments before they are forwarded to the WACCC (see Section 9.3)
- review of each generator's data package before accepting the waste[22];
- inspection of the waste packages when they are received at the storage site[16];

- o audits of the waste generators' certification activities (see Section 3.9.2); and,
- o certification of the waste (see Section 2.1.5).

Waste processing functions within the HSE-7 Liquid Waste Treatment Plant, the Size Reduction Facility, and the Treatment Development Facility, shall be subject to the same controls as other waste generators (see Section 2.2).

3.2.2 Development of attachments to this plan which define the QA activities associated with specific waste streams and the ongoing documentation of those activities is the responsibility of the appropriate waste generating organizations (see Section 9.1).

3.2.3 QA activities associated with Los Alamos procurement of waste containers acceptable to WIPP are the responsibility of the supply group (MAT-14), (see Section 4.3). Containers used by ITRI are obtained by the ITRI Procurement Unit. Pre-use inspection for shipping and handling damage is the container user's responsibility (see Section 4.3.2).

3.2.4 QA for new facility design, construction, and maintenance at Los Alamos is the responsibility of the ENG Division which has its own QA program in place.[8]

3.2.5 When maintenance of equipment important to certification is the responsibility of the operating organization, the scheduling and documentation must be defined in the operating group's procedures. Equipment important to certification, maintained by other organizations, shall be identified in the appropriate attachment to the plan.

3.2.6 Los Alamos radiation survey instrumentation is maintained by HSE-1 which has a calibration recall and documentation system in place[17,18]. ITRI instrument calibration is done by the Health Protection Operations (HPO) Unit.

3.2.7 Responsibility for verification that waste package closure was accomplished according to procedure, and for documentation of levels of surface contamination and external radiation, are the responsibility of HSE-1 and HSE-10 according to the Los Alamos Health and Safety Manual[9]. AT ITRI this is the responsibility of HPO.

3.2.8 Verification of the completeness of the data provided by the waste generator, of the waste package marking, and of the physical condition of the waste package are responsibilities of HSE-7[16,22].

3.3 Control Measures

3.3.1 Design Control

This section will apply to waste certification activities that include, but are not limited to, the design or modification of the equipment and processes used to convert wastes into certifiable forms. Not included is the design of processes or equipment that are already in use and producing certifiable waste forms. Design of quality affecting processes and equipment shall be governed by the following.

3.3.1.1 Applicable design inputs, such as performance requirements, codes, and standards, shall be identified and documented.

3.3.1.2 Design analysis documentation should be sufficiently detailed as to purpose, methods, assumptions, design input, references, and units such that a person technically qualified in the subject can review and understand the analyses and verify the adequacy of the results without recourse to the originator.

3.3.1.3 Design verification shall be performed by individuals or groups not responsible for the original design. At a minimum, this will include Group HSE-7 personnel, along with other personnel as requested by management of the originating organization and/or HSE-7, based upon expertise with the equipment and/or process involved.

3.3.1.4 Design verification will be a two step process. Initial verification will be through reviewer sign-off on a review record. Final verification will be through a determination of the certifiability of the output product; Group HSE-7 has this overall responsibility. The verification method used shall be documented.

3.3.1.5 Technical management has overall responsiblity for resolving individual review comments.

3.3.1.6 Changes to final designs, including field changes, shall be reviewed in the same manner as the original design. Minor changes, such as changing to a

different acceptable waste container require approval of HSE-7. Changes involving waste form must be approved by the WACCC.

3.3.2 Control of Purchased Items and Services

Areas where this section is expected to apply to waste certification include, but are not limited to, the procurement of waste containers, liners, and other designated materials used in waste processing that might affect the certification of the waste packages.

3.3.2.1 Commercial items produced to established industry standards, such as bolts, Portland cement, gypsum cement, vermiculite, welding rods, and plastic bags are excluded from this requirement.

3.3.2.2. Drums and steel boxes used for waste packaging are purchased from DOE facilities that maintain approved QA programs for waste package procurement. Purchase orders for waste containers shall require a statement from the DOE supplier that the containers were produced and inspected according to approved procedures. Receival inspections at MAT-14 are not required because users are required to visually inspect packaging for shipping damage before use (4.3.2).

3.3.3 Identification and Control of Items

This requirement will apply to, but not be limited to, the identification of waste containers, waste packages, and/or batches of wastes that are different because, for example, they might contain

toxics or corrosives. This requirement also helps prevent the mixing of non-TRU with TRU waste streams.

3.3.3.1 Items requiring identification and control shall be specified in the attachment if not specified in this plan.

3.3.3.2 Identification shall be maintained on the item when practical, otherwise in documents traceable to the item.

3.3.3.3 Process batch identification shall be referenced in each appropriate waste generator's data package so that all waste packages from a batch can be identified after closure.

3.3.4 Control of Processes

Processes that affect waste characteristics or container quality shall be controlled by written procedures, drawings, or checklists, that define limits of acceptability and the method used to verify conformance.

3.3.5 Handling and Storage

Waste packages, packaging, and waste handling and storage shall be controlled to prevent damage to the containers or changes in the waste that may affect certifiability.

3.4 Inspections and Tests

Inspections and/or tests shall be planned and performed at appropriate points in the certification process to ensure conformance to applicable waste acceptance and certification criteria.

3.4.1 Procedures for inspections and/or tests, the responsible organization unit, and the standards for acceptance/rejection, shall be defined or referenced in the appropriate attachment to the certification plan. If sampling is used, the sampling method shall be similarly defined.

3.4.2 The identity of the inspector shall be documented and the documentation retained by the generating organization, or as specified in the attachment to the plan.

3.4.3 The results of inspection and/or tests shall be included in the waste generator's data package.

3.5 Control of Measuring and Test Equipment (M&TE)

3.5.1 General

3.5.1.1 Appropriate controls over the accuracy and precision of M&TE are necessary to assure that conforming items are accepted and that nonconformities are detected. This section applies to M&TE used for purposes of determining waste and waste package characteristics and acceptability. It also applies to the standards used for calibrating such M&TE.

3.5.1.2 The waste generator shall establish a calibration program, including requirements and controls, for M&TE used for certification.

3.5.1.3 Radiation detection instruments maintained and calibrated by HSE-1 need not be included in the waste generator's program.

3.5.1.4 Calibration and control measures are not required for rulers, tape measures, levels, and other such devices if normal commercial equipment provides adequate accuracy for certification.

3.5.2 Requirements

3.5.2.1 Adequacy of Standards - Standards established for calibrating M&TE shall be accurate and stable over the range of calibration necessary to ensure that certification needs are met, and that any deviations from certification requirements are known. Referenced standards shall be appropriate to the relative importance of the equipment with respect to certification activities and/or health and safety.

3.5.2.2 Intervals of Calibration - Calibration periods shall be established on the basis of stability, purpose, and frequency of usage.

3.5.2.3 Calibration Procedures - M&TE shall be calibrated to written calibration procedures. The procedures may be the equipment manufacturer's instructions, subcontractor's procedures, or they may be written by program personnel. All procedures shall be referenced in the attachment to the certification plan.

3.5.2.4 Records - The application of these requirements shall be supported by records demonstrating that established schedules are followed and the results documented.

3.5.3 Use of Calibrated M&TE

M&TE shall have a calibration sticker that identifies the date calibrated and the date due for recalibration, along with identification of the person who performed the calibration.

3.6 Inspection, Test, and Operating Status

When it is necessary to assure that inspections and tests have been performed or to assure that items that have not passed the required inspections and tests are not inadvertently used or shipped, status indicators, such as a physical location, tags, markings, shop travelers, stamps, inspection records, or other suitable means, shall be used. The authority for application and removal of tags, markings, labels, and stamps shall be specified or referenced in the attachment to the certification plan.

3.7 Records Management and Document Control

3.7.1 Procurement Document Controls

Purchase orders for materials of equipment which affect certifiability of the waste shall specify the appropriate characteristics and limits of acceptability. In critical cases, it may be necessary to require the suppliers to have a QA program. Documentation of compliance shall be maintained by the purchaser's group for materials other than those drawn from Laboratory stocks (see Section 4.3).

3.7.2 Instructions, Procedures, and Drawings

Those activities affecting significant waste characteristics or certifiability shall be performed according to a documented

procedure that shall be part of, or referenced in, the attachment to this plan. This requirement applies to all applicable activities from the initial determination of waste composition, through package closure.

3.7.3 Document Control

The preparation, issue, and change of documents such as procedures, data form formats, and attachments to the plan, shall be controlled to assure that only current issues of documents are being used and that current approved documents shall be available in areas where work affecting certification is to be performed. A hard copy of computer program listings shall be stored as a back-up for computer software.

3.7.3.1 Waste generators within MST division or participating in the MST-9 QA program shall utilize the MST system for document control.

3.7.3.2 Waste generators within HSE-7 shall utilize the group document control system[19] for all certification related procedures.

3.7.3.3 The ITRI attachment to this plan (Attachment No. 10) is part of the HSE-7 document control system. ITRI procedures referenced in the attachment are controlled within that organization.

3.7.3.4 Group HSE-7 shall be responsible for issuing, updating, and obtaining the required approvals for this plan in the manner defined in the group document control system.

3.8 Nonconforming Items and Corrective Action

3.8.1 Nonconforming items are waste packages and data packages that do not meet the requirements of the Certification Plan because:

- o the waste form differs from that defined in the appropriate attachment to the certification plan;
- o the waste package does not meet the WIPP acceptance criteria;
- o the documentation does not meet the requirements defined in the certification plan or its appropriate attachment; or
- o the waste was not prepared and certified according to approved procedures.

3.8.2 A Nonconformance Report (NCR) is a written report identifying the nonconforming item, the nature of the nonconformance, and the point at which the nonconformance was detected. The NCR generated in each case must be attached to the Waste Generator's Data Package.

3.8.3 An NCR is not required for nonconformances detected prior to an established inspection point or prior to container closure if the waste is re-worked to make it conform to the original requirements.

3.8.4 Nonconformances detected within facilities covered by the MST-9 QA program shall be reported to MST-9 on the MST-9 NCR form, and handled according to that program.

3.8.5 Nonconformances detected at ITRI are handled in the manner described in Attachment No. 10.

3.8.6 Nonconformances detected elsewhere shall be handled through the HSE-7 Solid Waste Section on the HSE-7 NCR form shown in Appendix E.

3.8.6.1 Nonconformances in the data package, detected when it is received at HSE-7, require an HSE-7 NCR and a case by case evaluation by HSE-7.

3.8.6.2 Nonconformances identified after the waste package is received at the TA-54 storage and disposal site all require HSE-7 NCR's.

Minor problems (defective or missing labeling or color coding, damaged seal, etc.) may, at HSE-7's discretion, be corrected by either the storage site personnel or by the waste generator.

Unacceptable waste packages (leaking, damaged in transit, etc.) may require action by both the waste generator and by HSE-7. An HSE-7 NCR shall be initiated by the storage site supervisor and forwarded, according to procedure, to the waste generator. The disposition of the noncomforming item shall be determined by HSE-7 and the waste generator.

3.8.6.3 If a package of unacceptable waste originated in an organization covered by the MST-9 QA program, the HSE-7 NCR will be sent to MST-9 where it may be used to trigger issuance of an NCR within that system.

3.8.7 Nonconformances that result in waste that does not meet WIPP waste acceptance and certification requirements shall render the waste not certifiable. The waste will not be shipped to the WIPP until the problem has been identified and corrected.

3.8.8 When a nonconforming item or series of nonconforming items indicate that the certification process is inadequate or unreliable, certification (not production) of that waste stream shall be halted until the appropriate attachment can be modifed by the waste generator and approved by HSE-7 and the WACCC.

3.8.9 Nonconforming items shall be segregated from conforming items until the required disposition is completed and approved.

3.8.10 Supervisors of waste generating or waste handling organizations shall review NCR's and/or audit findings and when necessary, require that corrective action be taken (and documented) to prevent recurrence of nonconformances. The documentation shall include a statement of the condition requiring corrective action, the action taken, and the name of the individual responsible for implementing that action. Completed reports shall be forwarded to either MST-9 or the HSE-7 Solid Waste Records Office, as appropriate, for filing.

3.9 Audits

3.9.1 DOE or DOE-appointed auditors may perform audits at DOE's discretion. Copies of internal audits shall be available to them.

3.9.2 Internal audits of the program or any part of the program, including HSE-7 activities, shall be performed by MST-9 to

assure compliance with the certification plan and its attachments, especially items related to program controls. Internal audits at ITRI shall be performed by the ITRI Internal Auditor and QA Officer. The adequacy of the plan and its attachments shall be determined only by DOE.

3.9.3 Audit frequency shall be at least twice each year, with more audits being conducted if the scheduled audits disclose serious or recurring problems. The HSE-7 Group Leader will identify whether any programs should be audited more than twice per year from his review.

3.9.3.1 Los Alamos audits shall be performed in accordance with written procedures or checklists by personnel who do not have direct responsibility for performing the activities being audited as defined in the MST-9 Quality Assurance Manual[20].

3.9.3.2 Los Alamos auditors shall be trained and qualified as defined in the MST-9 Quality Assurance Manual[20].

3.9.3.3 The auditors' findings shall be documented and reported to the HSE-7 Group Leader, the HSE Division Leader, and the Division Leaders of all divisions being audited.

4.0 WASTE PACKAGING

Transuranic waste shall be packaged according to the Health and Safety Manual[9] except as noted below.

4.1 Only containers acceptable to WIPP (see Appendix C) may be used for TRU packaging. The following are preferred. Other containers acceptable to WIPP are permitted with written approval from HSE-7.

4.2 The 54 in. by 68 in. by 38 in. steel truck box is the preferred TRU waste box. The DOT 17C (stock no. LG-1115) is the preferred TRU waste drum.

4.3 Both of the preferred containers are available from Rockwell International at Rocky Flats, Colorado or from Los Alamos stock (also obtained from Rockwell). Purchase orders for procurement of containers from Rockwell shall specify the appropriate Rockwell standards (SX-200[10] for drums or SX-231[11] for steel boxes) because these standards define the construction, dimensions, tests, limits of acceptability, and inspection requirements. The purchase order shall also require a statement from Rockwell that the containers were produced and inspected according to these standards (3.3.2.2).

4.3.1 For other containers, procurement shall be exercised in a manner similar to the above.

4.3.2 Containers shall be inspected visually by the user, for shipping and handling damage that would affect the ability of the container to meet the DOT container requirements or the WIPP storage requirements. Rejected containers shall be clearly marked as such.

4.3.3 Each container used shall be identified in the generator's data package by either serial number or lot code as specified in the instructions for completing the CWSR form (Appendix D).

4.4 Special packaging for unusual waste is not expressly forbidden but the cost and effort of development, testing, and certification are the responsibility of the waste generator. The Waste Management group's approval and the WIPP project office's approval are both required in all cases.

4.5 Corrosive waste (pH 4.0 or less) is unacceptable unless the waste has been neutralized or otherwise rendered noncorrosive, or it has been packaged to ensure package integrity through the packaging design life. Corrosive material must be listed on the CWSR form.

4.6 Contamination Control

4.6.1 The level of removable radioactive contamination on the external surfaces of each closed waste package shall be kept below WIPP limits and as low as reasonably achievable.

4.6.2 The level of removable radioactive contamination may be determined by first wiping a 100 cm^2 area of the surface with an absorbent material, using moderate pressure, and then measuring the activity on the wiping material.

4.6.3 At least three measurements shall be taken in the most appropriate locations to yield a representative assessment of the removable contamination levels.

4.6.4 The amount of radioactivity measured on any single wiping material, when averaged over the surface wiped, shall not exceed 50 pCi/100 cm^2 of alpha contamination or 450 pCi/100 cm^2 of beta-gamma contamination.

4.6.5 Other methods of assessment of equal or greater efficiency may be used if they are defined fully in an approved attachment to the plan.

5.0 LABELING AND COLOR-CODING

Waste packages shall be labeled as defined in the Laboratory HS&E Manual,[9] except as noted in this section.

5.1 Labeling

5.1.1 The waste package label consists of a unique package serial number and the package weight (in whole kilograms), stenciled on the package in black, 1-in. minimum height characters.

5.1.1.1 Drum labels shall be placed on the top (removable) head of the drum.

5.1.1.2 Box labels shall be placed near the center of the box lid and on each of the four sides. The label on top shall be parallel to, and on the flats between, the corrugations. The side labels shall be approximately centered along the length and located preferably on the 4th and 5th flats from the top.

5.1.2 The package serial number consists of thirteen characters in the form LAYYCCXXXXXXX, where

- LA is our site code assigned by DOE.
- YY is the calendar year when the package was closed.
- CC is the last two digits of the container code taken from the Certified Waste Storage Record (CWSR) form (Appendix D). Codes for containers not listed on the CWSR can be obtained from HSE-7.

- o XXXXXXX is a seven-digit number taken from a self-locking tag supplied by HSE-7. The leading zeros may not be omitted. The manufacturer's serial number which is on the steel boxes, is not part of the package serial number.

5.1.3 The package weight shall be listed below the package serial number and shall be followed by "kg". If the weight in kilograms is calculated from the weight measured in pounds, the number of significant figures shall be consistent with the accuracy of the measuring device.

5.1.4 Example: a drum, closed in 1984, bearing tag number 0051386, and weighing 420 lb. is stenciled thus:

LA84010051386

190 kg

5.1.5 The serial number tag shall be attached to the waste package after closure. The tag is not intended to be a seal.

5.1.5.1 On steel drums, the tag shall be attached to the bolt, between the lugs.

5.1.5.2 On boxes, the tag shall be wired to one of the lifting lugs.

5.1.6 The aluminum tags specified for crates in AR10-2 shall not be used for TRU waste packages.

5.1.7 When waste packages are overpacked by the Solid Waste Disposal Section of HSE-7, the new package shall be assigned a new identification number.

5.2 Color Coding

WIPP-DOE-114 requires specific color coding on TRU waste packages.

5.2.1 Waste packages containing more than 25 vol% combustibles, or reportable concentrations of toxic materials, or having external radiation levels exceeding 10 mrem/h shall be identified by polyethylene tape color bands as indicated below:

5.2.1.1. Steel drums shall have 1 in. wide bands encircling the drum near the center.

5.2.1.2 Boxes shall have 1 in. wide strips, 10-12 inches long, set between the corrugations on the top and into the corrugations on the four sides, just below the label, in the sequence given below. The coding tape shall not be laid across the weld joints.

5.2.2 Surface Dose Rate

Color: Yellow

Ranges: 10 - 50 mrem/h - one band
50 - 100 mrem/h - two bands
100 - 200 mrem/h - three bands

5.2.3 Toxics

Color: Black

Ranges: Reportable concentrations, one band

5.2.4 Combustibles/Flammable

Color: Red

Ranges: Over 25 vol%, one band

5.2.5 Tape shall be applied only to clean, dry surfaces when the air and surface temperatures are above 32° F.

5.2.6 Color tolerances for the color-coding bands are defined in Table 1, Appendix A of 49CFR 172.

6.0 STORAGE

6.1 Certifiable TRU waste is received and stored by HSE-7 according to the requirements of the Area G Procedures[16].

7.0 RETRIEVAL FROM STORAGE

The method of removal of certifiable TRU waste from storage is only vaguely defined because much depends on the capabilities of facilities not yet designed. Although at least one revision of this section is anticipated before waste is retrieved for shipment to the WIPP, the following outlines the expected procedure.

7.1 The order of package withdrawal will be determined by its placement in storage. No attempt will be made to select packages in any numerical sequence.

7.2 Data concerning the selected packages will be obtained from the Solid Waste Records Office.

7.3 Waste packages will be cleaned and at least visually inspected. Some form of nondestructive examination (NDE) will be used on a sample of each type of waste retrieved. The nature of this NDE will be determined later.

7.4 Surface contamination levels and contact radiation levels will be determined and documented.

7.5 The thermal power of each waste package will be calculated.

7.6 Paint, color coding, and labeling will be touched up or corrected as required. The serial number tags will be removed when the labeling is verified and touched up.

7.7 Security seals will be applied to drums if required by WIPP or DOT.

7.8 Drums will be assembled into six-packs according to instructions from the Solid Waste Records Office. Six-pack weights will be determined to verify the computer generated expected weight.

8.0 CERTIFICATION RECORDS

8.1 Record Categories and Retention Requirements

Certification consists of providing a complete, auditable set of records documenting that all WIPP criteria[2] have been considered and that the compliance requirements[3] have been met. This documentation can be divided conveniently into the following four categories.

8.1.1 Waste Generator Supporting Records

This category includes instrument calibration records, purchasing documentation, dates when process changes were effected, etc., that do not apply to the waste package itself. These records shall be kept by the waste generating organization and shall be available for audit for 5 years following the end of the calibration period or the date when the equipment went out of service.

When a process generates homogenous waste in quantities greater than one full container, each process batch shall be assigned a code that shall appear on all of the data sheets pertaining to that batch. Process batch records shall be retained by the waste generator in a form suitable for audit for a period of 25 years.

8.1.2 Waste Generator's Data Package

The records that contain the definitive information about the waste and its packaging shall be collected into a single "data package" by the generator. As a minimum, a Generator's Data Package consists of a CWSR with the Generator's Package Information section and Generator Site Health Physics Information section properly completed and signed. The data package may also contain supplementary documentation to support the data contained on the CWSR, such as nonconformance reports. This data package shall be retained by the HSE-7 Solid Waste Records Office for 25 years so that it will be available for audits and for analysis throughout the WIPP retrieval period and the intervening storage period. Copies of each Generator's Data Package will be stored on microfilm[22].

8.1.3 Subsequent Storage and Handling Records

Processors who handle the waste packages after the waste generator shall provide a signed statement to the Solid Waste Records Office of HSE-7, indicating that the work performed in their operations was done correctly and according to approved procedures. The CWSR form provides for signatures of appropriate storage site personnel. These and similar records produced during receiving, repackaging, overpacking, and withdrawal from storage, shall be attached to, retained with, and microfilmed with, the Waste Generator°s Data package if produced during the calendar year when the waste is received at TA-54. Subsequent records may be filed and retained in hard copy[22].

8.1.4 WIPP Data Package

The WIPP Data Package is produced by the HSE-7 Solid Waste Records Office according to the requirements of WIPP-DOE-157[12] for electronic transmission to the WIPP. The WIPP Data Package contains waste package data, six-pack make-up data, and shipment make-up data. The information contained in the transmission shall be duplicated on paper, attached to the signed certification statement, and sent to the WIPP with the waste. A second copy of each shall be retained on microfilm for 25 years.

8.2 General Requirements

8.2.1 Each page of the generator's data package shall bear the Waste Package Serial Number.

8.2.2 Each set or block of data entered on the data forms shall be accompanied by the initials or signature of the person who collected that data.

8.2.3 Each data sheet shall be reviewed for validity and compliance with certification plan requirements. The reviewer shall be sufficiently knowledgeable of the operation to recognize inappropriate data entries and shall have sufficient organizational freedom authority to perform his task independently.

8.2.4 Every signature and initial that occurs in the package must be matched with the appropriate printed name.

8.2.5 The original waste generator's data package, signed by the waste generator (not initialed) shall be sent to the Solid Waste Records Office where it must be received, reviewed, and approved

before the waste package may be transported to the storage and disposal site. (See CWSR form instructions in Appendix D).

8.2.6 A copy of the CWSR form shall be retained by HSE-7 with the Generator's Data Package. The original CWSR form, signed by HSE-7, shall be returned to the waste generator to indicate acceptability of both the data package and the waste package[22].

8.2.7 The original CWSR form shall accompany the waste to the storage and disposal site.

8.2.8 After the waste is placed in storage, the original CWSR form, signed by appropriate storage site personnel, shall be returned to the Solid Waste Records Office for retention with the Generator's Data Package[16].

9.0 INSTRUCTIONS FOR PREPARATION OF ATTACHMENTS

9.1 Most of the details of the data gathering, documentation, and packaging of the waste must be provided by the waste generating organizations. Each generator of a TRU waste stream shall develop an attachment to this plan, identifying each waste form produced and describing how it will be packaged, and what controls will be used to ensure that it meets the WIPP acceptance criteria.[2] The QA requirements of Section 3.0 of this plan shall be applied to the certification activities described in the attachment.

9.2 Each attachment to the plan shall include at least the following:

9.2.1 Introduction

Identify the organization producing the waste. Provide an

organization chart as described in Section 2.1, showing the relationships among individuals who generate, package, and verify the waste, and who assemble and sign the Generator's Data Package (by position, not name.) Include interfaces with other organizations that affect the certifiability of the waste (see Section 2.1).

9.2.2 Waste Form Description

Describe the waste form(s) produced. A content code will be assigned to the waste form by HSE-7. When mixing of compatible waste forms in a single waste, a content code will be assigned to each permitted combination. A description of the process that produced the waste is not part of the waste form description.

9.2.3 Waste Form and Packaging Control Methods

9.2.3.1 This section should include a waste stream description and/or flow chart that illustrates the waste package progression, beginning at the point it becomes waste, through packaging, and including preparation of the Waste Generator's Data Package for HSE-7. List the packaging to be used, including liners and inner containers. Provide copies of data collection forms, process control forms, and other related forms. List the instruments important to certification. Define or reference the frequency of instrument calibrations and the method of ensuring current calibrations. When using references to other documents, be specific. Include a list of references.

Be brief. Do not include unnecessary details that do

not affect the certifiability of the waste. Do not include a detailed description of the process that produced the waste.

9.2.3.2 Address each WIPP criterion separately and specify how each will be met. If the waste packages contain more than one waste form, present this information in tabular form. WIPP-DOE-114[3] clearly defines the information needed to demonstrate compliance with each criterion.

- When a demonstration can establish compliance with a given criterion, for all waste of a given form, perform that demonstration, document it, and add the documentation as an appendix to the attachment.
- When periodic sampling can demonstrate compliance, establish and document the sampling method, frequency, and applicable limits.
- When measurement or analysis of the contents of each container is required to demonstrate compliance, the attachment shall define the method used, and the limits of acceptability.
- If a criterion is not applicable, demonstrate that this is so. Nothing is assumed to be obvious.

9.2.3.3 Define the procedure for handling nonconforming waste packages (see Section 3.8).

9.2.4 Waste Generator's Data Package Requirements

When the waste is ready for transfer to the WIPP, a representative from HSE-7 will review all available data and will certify that the waste meets the WIPP acceptance criteria.

The documentation supplied by the waste generator (the Waste Generator's Data package) provides nearly all of the information about the waste form. The data collection and recording activities required for preparing the data package are critical to the success of the certification program.

9.2.4.1 Define which record forms are to be included in the data package and which are not. For example, instrument calibration data are not included. Measurements made with the instrument are included. Define who will store supporting documentation and where it will be kept.

9.2.4.2 Define who (by organizational description) assembles the data package, who reviews it, and who signs the CWSR before it is sent to HSE-7.

9.2.4.3 Provide a place for the Waste Package Serial Number on every page in the data package.

9.2.4.4 Establish and define a method for handling data packages found to be nonconforming because they have incomplete or apparently erroneous entries.

9.3 Attachments require approval within the generating organization, by HSE-7, and by the WACCC.

9.4 Complete an attachment check sheet (see Appendix F) to verify that all the requirements of the Certification Plan have been addressed in the attachment or in referenced documents. List only the document and section where each item is addressed. Every item on the checksheet must be addressed. If an item is not applicable, enter N/A and explain why.

REFERENCES

1. DOE ORDER 5820.2 "Radioactive Waste Management," with Attachment 1, (February 6, 1984).

2. DOE Report WIPP-DOE-069, Rev. 1, "TRU Waste Acceptance Criteria for the Waste Isolation Pilot Plant," (September 1981).

3. DOE Report WIPP-DOE-114, "TRU Waste Certification Compliance Requirements for Newly Generated Contact-Handled Wastes for Shipment to the WIPP," (October 1981).

4. DOE Report 5700.6A, "Quality Assurance," (August 13, 1983).

5. DOE Report WIPP-DOE-120, Rev. 1, "Quality Assurance Requirements for Certification of TRU Waste for Shipment to the WIPP," (January 1983).

6. Memorandum, WMTDD:JFB:0198A, J. M. McGough of Albuquerque Operations Office to Managers, DOE Operations Office (January 1982).

7. Memorandum, WIPP:WAC:83-003, J. E. Johnson to J. Aragon, HSE-Divison Leader (1983).

8. "Quality Assurance Manual for Engineering and Construction," Site Engineering Division, Los Alamos National Laboratory document (1982).

9. "Health and Safety, Los Alamos National Laboratory Manual," Chapter 1 (March 1984).

10. Rocky Flats Plant Std. No. SX-200, Standard for DOT-17C 55-gal drums (August 5, 1980).

11. Rocky Flats Plant Std. No. SX-231, Standard for corrugated metal waste container, (October 1982).

12. DOE Report WIPP-DOE-157, "Data Package Format for Certified Transuranic Waste for the Waste Isolation Pilot Plant (WIPP)," (March 1983).

13. Rocky Flats Plant Report RFP-3345 "Safety Analysis Report for Packaging - Corrugated Steel Container (Sand Box) for DOT Specification 7A Packaging," (January 24, 1983).

14. Memorandum WMTDD:MHM:04468, M. H. McFadden of Albuquerque Operations Office to Distribution (April 22, 1983).

REFERENCES (con't.)

15. "Design and Testing of the TX-4 Type A Container for Packaging Radioactive Waste," Lawrence Livermore National Laboratory Report UCRL-53377 (March 4, 1983).

16. "Operating Instructions for Receiving, Stacking, and Covering Certified Waste," SWD-HSE7-OPI-02, Waste Management Group, Los Alamos National Laboratory.

17. "Recall and Calibration Procedures for Portable Alpha, Beta-gamma, and Neutron Instrumentation." Health Physics Group (HSE-1), Los Alamos National Laboratory. (TBD)

18. "Calibration Procedures for the Model PC-5 Gas Flow Proportional Counter." Health Physics Group (HSE-1), Los Alamos National Laboratory. (TBD)

19. "Waste Management Group Document Control Procedure." GOP-HSE7-DC-01 (DRAFT), Waste Management Group (HSE-7), Los Alamos National Laboratory.

20. "MST-9 QA Manual," Quality Assurance Group (MST-9), Los Alamos National Laboratory (DRAFT).

21. Memorandum, WIPP:DLG 83-0984, D. L. Gillas to J. Aragon, HSE-Division Leader (1983).

22. "Solid Waste Records Office Procedure for Review and Processing of Waste Generators° Data Package." WCP-HSE7-OI-01 (DRAFT), Waste Management Group (HSE-7), Los Alamos National Laboratory.

APPENDIX A

ATTACHMENTS TO THE PLAN

INDEX

1. Los Alamos Transuranic Waste Size Reduction Facility
   Includes Content Code 0001

2. Liquid Waste Treatment Plant
   Includes Content Codes 0002 and 0003

3. MST Division Certification Plan Attachment
   Includes Content Codes 0004 and 0005

4. CHM-1 Certification Plan Attachment
   Includes Content Codes 0004 and 0005

5. Miscellaneous Non-Routine Waste Certification

6. MST Division Process Residue Certification
   Includes Content Code 0006

7. MST-14 Contact and Remote-Handled Waste Certification
   Includes Content Code 0007

8. Treatment Development Facility
   Includes Content Code 0008

9. MST Division Attachment for Pu^{238} Wastes
   Includes Content Codes 0004 and 0005

10. Inhalation Toxicology Research Institute
    Includes Content Content Codes 0004 and 0005

APPENDIX B

WASTE CONTENT CODES

Code	Description
0001	Mixed metal scrap and combustibles primarily from operations at the SRF. Contains primarily metals or metal equipment, either whole or sectioned, along with its combustible components and the combustibles generated during decommissioning, sectioning, and packaging. Packaged in plastic lined boxes or drums.
0002	Cemented sludges Caustic sludge stabilized with Portland cement. Packaged in drums with 5 mil plastic liners.
0003	Dewatered sludges Caustic sludge from a liquid waste treatment facility. Contains 30-45 percent solids. Packaged in drums with 90 mil and 5 mil plastic liners and dry Portland cement added to stabilize any liquids that may separate.
0004	Combustible Solids - Paper, rags, plastic, rubber, etc., which may contain some small fraction of noncombustible solids as scrap metals, etc.
0005	Noncombustible Scrap - Small tools, cans, small equipment items, broken glass, etc., which may contain some small fraction of combustible solids.
0006	Cemented Process Residues - Process leached solids, filter cakes, evaporator bottoms, etc., stabilized in Portland or Gypsum cement.
0007	Contact and remote-handled solids from hot-cell operations.
0008	Cemented Incinerator Ash - Incinerator ash stabilized with Portland cement.
0009	Cemented Aqueous Liquid Wastes - Neutralized or caustic aqueous liquids stabilized with portland cement.
TBD	Slag and Porcelain/Metal Crucibles
TBD	Soil Stabilized with Portland cement.

TBD = To Be Determined

APPENDIX C

ACCEPTABLE WASTE CONTAINERS

1. Steel drum, 55 gal. (210 liter), DOT spec. 17-C. Approved per DOE Order 5820.1, Attachment 2. For details see SX-200[10].

2. Steel box, 74.5" L x 50.5" W x 38.5" H. Approved per DOE Order 5820.1, Attachment 2. For details see SX-231[11] and RFP-3345[13].

3. Steel box, 68" L x 54" W x 38 " H. See No. 2 above

4. Steel box, 88" L x 54" W x 54" H. See No. 2 above

5. Steel box, 112" L x 68" W x 77" H. See No. 2 above

6. Steel box, TX-4, 7' L x 4' W x4' H. Approved per memo WMTDD:MHM:04468[14]. For details see UCRL-53377[15].

APPENDIX D

CERTIFIED WASTE STORAGE RECORD FORM

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

CERTIFIED WASTE STORAGE RECORD

WASTE PACKAGE SERIAL NUMBER: LA 8 4

I. GENERATOR'S PACKAGE INFORMATION

ORIGIN OF WASTE	PN Items C&D No.	Additional Information
Group		
TA		
Building		
Room		

CONTAINER	CODE
☐ Steel Drum (55 gal.)	01
☐ Steel Overpack (Drums)	02
☐ Steel Box (68 in. X 54 in. X 38.5 in.)	03
☐ Steel Overpack (FRP Box)	04
☐ Other *(Describe)*	
Drum Lot Code / Year of Mfr.	
Manufacturer's Box Serial Number	

SS MATERIALS WRITE-OFF		RADIONUCLIDE CONTENT		C = Curie M = Gram
Account	Project Code	Nuclide	Amount	
			0 E ±	
			0 E ±	
			0 E ±	
			0 E ±	
			0 E ±	
			0 E ±	

Process Batch Code	
Gross Wt. (kg)	0 E ±
Organic Mat'l Wt. (kg)	0 E ±
Organic Mat'l Vol (%)	
Content Code	
Date Closed (MMDDYY)	

TOXIC OR CORROSIVE MATERIALS

Name	Code	Quantity (g)
		0 E ±
		0 E ±
		0 E ±
		0 E ±

The data in this section were collected, and the waste described herein was packaged and labeled according to the procedures defined in the Los Alamos TRU Waste Certification Plan and its appropriate attachment(s). The data are correct and complete to the best of my knowledge.

Printed Name	Signature	Date

II. GENERATOR-SITE HEALTH PHYSICS INFORMATION

Surface Dose Rate (mrem/h)	0 E ±
Survey Meter Model	
Survey Meter Serial No.	
Alpha Contamination (dpm/100cm²)	0 E ±
Beta-Gamma Cont. (dpm/100cm²)	0 E ±

The data in this section were collected as prescribed in approved procedures. The package is properly closed and is safe to handle and transport.

Printed Name	Date
Signature	

III. HSE-7 SOLID-WASTE RECORDS OFFICE INFORMATION

The data package for this waste has been reviewed by HSE-7. The generator is authorized to arrange transportation to TA-54 per AR 10-2.

Printed Name	Date
Signature	

IV. STORAGE-SITE HEALTH PHYSICS INFORMATION

Surface Dose Rate (mrem/h)	0 E ±
Survey Meter Model	
Survey Meter Serial No.	
Alpha Contamination (dpm/100cm²)	0 E ±
Beta-Gamma Cont. (dpm/100cm²)	0 E ±

The data in this section were collected at the TA-54 waste storage/disposal site as defined in approved procedures. The package is acceptable for handling and storage.

Printed Name	Date
Signature	

V. STORAGE SITE INFORMATION

This package was visually inspected when received and was found to be properly labeled and in good condition. It was accepted according to approved procedures.

Printed Name	Date
Signature	

Pad No.	Layer	☐ E ☐ C ☐ W
Post No.	Date Stacked	

This waste package was stored at this location according to approved procedures.

Printed Name	Date
Signature	

HS Form Number 10-28 (12/83)

This form must be used to document packages of TRU waste that have been generated according to the Los Alamos TRU Waste Certification Plan. Complete each section thoroughly in the order given on the form before proceeding to the next section. Accompany all signatures with a printed or typed name.

Use scientific notation. Whenever the notation E plus or minus is given in a data block, enter the plus or minus as appropriate. Examples: Record 0.012 as 1.2E-2; 1.2 as 1.2E+0; and 1200.0 as 1.2E+3. Where E+ appears in a data block, enter values less than E+0 as 0.0E+0.

I. GENERATOR'S PACKAGE INFORMATION

Waste Generator: Complete the entire section as follows; then send the form to the area HSE-1 Health Physics Representative.

Waste Package Serial Number. Use the full 13-digit number beginning with "LA" as marked on the waste package.

Origin of Waste. Give the data for the organization offering the waste to HSE-7.

PN Items. Enter the C&D (Form 252-R, Disposal of Contaminated and/or Classified Property) number(s) in the space provided. Enter the associated property number(s) in the space marked "ADDITIONAL INFORMATION."

Additional Information. *Use this space to enter any information about the waste that may be useful later, such as property numbers or the specific origin of the waste. Use of this space is optional except for listing property numbers when a C&D number has been entered.*

Container. Check the correct box. Drum lot number is a code of one or more characters stamped or painted on the outside of the drum between the upper rolling hoop and the top curl. Year of manufacture is the last two digits in the code stamped in the bottom head of the drum. Example: 16-55-82, enter 82. Manufacturer's serial number is the manufacturer's number for containers other than drums.

SS Materials Write-Off. Provide the account and project codes. (This is for the waste generator's use only.)

Radionuclide Content. List the radionuclides by using either the normally accepted notations (for example, U235, Pu239, Co60, H3, etc.) or, for accountable materials, by using the element identification plus the SS Material Type Code (for example, Pu52 for plutonium code 52, U38 for uranium code 38, etc.). The acceptable code for Mixed Fission Products is MFP. In cases where more than one contaminant is identifiable, list each (with appropriate data) on a separate line. Where there are more than six (6) radionuclides, contact Group HSE-7 at 7-5397 for information about this entry. Identify units, that is M = Grams, C = Curies.

Process Batch Code. *Use this code only when a homogeneous batch of waste fills more than one container; otherwise, enter "N/A."*

Gross Weight. Enter the weight of the complete package in kilograms (kg).

Organic Mat'l Weight. Enter the total weight of organic material in the package, including the packaging, in kilograms (kg).

Organic Mat'l Volume. Round off to the nearest 10% and enter.

Content Code. Enter the number assigned by the Certification Plan attachment.

Date Closed. Enter as MMDDYY without spaces or punctuation.

Toxic or Corrosive Materials. Use name and code number as given in 49 CFR 172.101. Enter only if the amount in the package exceeds the radioactive quantity (RQ) value; otherwise, enter "NONE." An amount is required for each code listed.

II. GENERATOR-SITE HEALTH PHYSICS INFORMATION

The area HSE-1 Health Physics Representative at the Generator's site completes and signs this section. The Waste Generator then sends the form to the HSE-7 Solid Waste Records Office (MS E516) for review and approval.

III. HSE-7 SOLID WASTE RECORDS OFFICE INFORMATION

The HSE-7 Solid Waste Records Office Representative completes and signs this section. This *represents authorization to transport. The Waste Generator must arrange for transportation* ONLY AFTER RECEIVING SUCH AUTHORIZATION FROM THE HSE-7 SOLID WASTE RECORDS OFFICE. *Refer to Administrative Requirement 10-2. Ensure that the CWSR accompanies the waste to the TA-54 storage site.*

IV. STORAGE-SITE HEALTH PHYSICS INFORMATION

The HSE-1 Health Physics Representative at TA-54 must complete and sign the Storage-Site Health Physics Information section.

V. STORAGE-SITE INFORMATION

The HSE-7 Storage-Site Personnel must complete this section and sign (1) when the waste is accepted and (2) after the waste is stacked.

APPENDIX E

NON-CONFORMANCE REPORT

TRU WASTE CERTIFICATION PROGRAM
NON-CONFORMANCE REPORT

ORIGINATOR'S SECTION		
Location:	Hold Tag No.:	
Waste Pkg. Serial No.:		
Description of Non-Conformance:		
Print Name:	Signature:	Date:
WASTE MANAGEMENT OFFICE SECTION		
Instructions for Disposition:		
Print Name:	Signature:	Date:
The above instructions have been completed as specified.		
Printed Name:	Signature:	Date:

APPENDIX F

ATTACHMENT CHECK LIST

ITEMS REQUIRED TO BE ADDRESSED	LOCATION WHERE ADDRESSED
3.2.5 Requires maintenance scheduling and documentation for equipment maintained within the organization.	
3.2.5 Requires identification of equipment maintained by other parties.	
3.3.1.1 Requires identification of codes applicable to process or equipment design.	
3.3.1.3 Requires design verification.	
3.3.1.4 Requires design sign-off and output waste verification.	
3.3.3.1 Requires identification of items requiring control.	
3.3.3.3 Requires batch identification.	
3.3.4 Requires process controls.	
3.3.5 Requires controls to prevent waste package damage.	
3.4.1 Requires procedures for inspections and/or tests.	
3.4.2 Requires identification of inspectors.	
3.4.3 Requires reporting of inspection results.	
3.5.1.2 Requires calibration program for M&TE.	

ITEMS REQUIRED TO BE ADDRESSED	LOCATION WHERE ADDRESSED
3.5.2.2 Requires that calibration be periodic.	
3.5.2.3 Requires calibration procedures be referenced in the attachment.	
3.5.2.4 Requires calibration records.	
3.5.3 Requires calibration stickers on M&TE.	
3.6 Requires that status indicators, where used, must be defined.	
3.7.1 Requires quality documentation on purchase orders.	
3.7.2 Requires that operating instructions be referenced in the attachment.	
3.7.3 Requires a document control system.	
3.8 Requires a procedure or method for handling nonconforming waste packages and data packages.	
3.9 Requires that the applicable audit program be referenced or defined.	
4.3.2 Requires a pre-use inspection of waste containers.	
5.0 Requires labeling of the waste package.	
5.2 Requires color coding of the waste package.	
8.1.3 Requires forms and procedures from subsequent waste processors.	

ITEMS REQUIRED TO BE ADDRESSED	LOCATION WHERE ADDRESSED
9.2.1 Requires a detailed organization chart.	
9.2.2 Requires a waste description and content code.	
9.2.3.1 Requires a flow chart and/or waste stream description.	
9.2.3.1 Requires a listing of packaging to be used.	
9.2.3.1 Requires copies of forms to be used.	
9.2.3.1 Requires a list of references.	
9.2.3.2 Requires a tabulation of waste form compatibility with the WIPP waste acceptance criteria.	
9.2.4.1 Requires a definition of the contents of the waste generator's data package.	

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
D026	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	N/A		

Comments:

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑	Sonia Gonzalez (Signature)	SONIA GONZALEZ (Printed Name)	11/09/09 (Date)
Records Rejected ☐	(Signature)	(Printed Name)	(Date)

Reason for Rejection:

N/A

Re-submittal:

(Signature)	(Printed Name)	(Date)

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	1900
DESTINATION TEL #	915056627800
DESTINATION ID	LANL
ST. TIME	11/11 13:09
TIME USE	00'16
PAGES SENT	1
RESULT	OK

Controlled Copy

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	505-234-7523	Date Sent:	08/27/2009

Document Number	Title/Description	Record Date	Total Pages
D026	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	8/26/2009	1
	NA		

Comments

Please supercede existing Attachment 3.

Acceptance/Rejection Signature and Date

Records Accepted ☑ Sonia Gonzalez (Signature) SONIA GONZALEZ (Printed Name) 11/09/09

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C061

Waste Stream Number(s): LA-OS-00-01.001, LA-OS-00-03, LA-OS-00-04

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☑ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☐ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a] : Memorandum from Alex Feldman to Julia Whitworth regarding HISTORY OF NON-US ORIGIN TRANSURANICS IN SOURCES OF US MANUFACTURE

Source Document Reference Information (author(s), document and revision number, date, publisher): Alex Feldman, N2: 06-199, NA, 07/25/2006, OSRP

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR8, WS11	1-3	Pages 1-2: Following the breakup of the Soviet Union in 1991, Americium-241 from the republics of the former Soviet Union (FSU) began to be used by ABA Technologies (also called Amersham and QSA Global). For the period from 1991 to 1995, ABA Technologies blended Americium-241 from several countries for their production of large activity (16 Ci. and greater) sources, including the United States, which precluded the differentiation of the materials' country of origin. The production of small activity sources within the US <16 Ci.), including smoke detectors, continued to be done using material obtained through Oak Ridge National Laboratory until 2004. After 2003, the Department of Energy ceased offering Am-241 to commercial manufacturers for the production oflarge activity sources and production consisted solely of non-US origin material. Material from ORNL, however, remained available for the manufacture of smoke detectors until 2004. Plutonium-238 used for pacemakers and various RTG applications originated from within the DOE (ERDA, ABC) complex. There is no knowledge or record of material of non-US origin having been used for the US commercial manufacture of sources containing Pu-238. Plutonium-239 sources, both Pu and PuBe, were manufactured by NUMEC, Mound and MRC using accountable materials received from DOE (ERDA, ABC). All of this material was of US origin and was tracked using the Nuclear Materials Management and Safeguards System. There is no knowledge or record of material of non-US origin having been used for the US source manufacture of sources containitig Pu-239. Page 3: There is a clear evolution in the history of the origin of source production materials. For Amersham, Am-241 sources manufactured after 1991 this involved the blending of materials from several countries of origin, including the United States. There is a reasonable and logical justification to continue to qualify for disposal, at WIPP, source materials which were manufactured prior to. the date representing the last use of US origin materials. Sources which

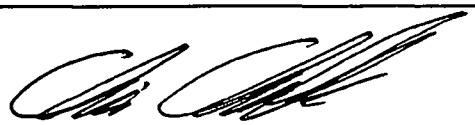
CCP RECORDS ORIGINAL
DATE REC'D 2-13-12

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: C061
AK # [b]	**Source Doc. Page # [c]**	**AK Information Summary**
		may contain blended soUrce material with an unknown fraction of non-US origin material should not be disqualified as long as some fraction of US origin material is believed to be present. The disposal of sources as a national security operation, and the knowledge that some of the material is of US origin should be sufficient justification for continuing to offer qualifying transuranic sources for disposal under the pertinent defense determination. Sources produced using exclusively foreign material should not be considered for disposal at WIPP without further guidance and direction from USDOE, NNSA or other competent authority.

Source Document Data Limitations (if any):
1. None

Acceptable Knowlege Expert:

Christopher Chancellor /  Date: ~~01/12/2011~~ 01/12/2012 CJC 02/13/2012

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

ERID-209316

C061

Los Alamos
NATIONAL LABORATORY
EST. 1943

To/MS: Julia Whitworth, NN-ADTR, B228
From/MS: Alex Feldman, N2, J552
Phone/Fax: 7-0319/Fax 5-7913
Symbol: N2: 06-199
Date: July 25, 2006

memorandum

Off-Site Source Recovery Project
N2-Advanced Nuclear Technology

SUBJECT: HISTORY OF NON-US ORIGIN TRANSURANICS IN SOURCES OF US MANUFACTURE

The purpose of this memo is to outline the history of Americium-241 and other transuranic isotopes that have been used for the production of radioactive sealed sources used in various industry and research settings throughout the United States and for export abroad.

Am-241

Americium-241 is a transuranic isotope which is produced directly via multiple (η,γ) and (η, p) reactions with U-238 and Pu-239 and via the decay of Pu-241 ($T_{1/2}$ = 13.2 years). Historically, Am-241 was made available to source manufacturers by the Department of Energy and its precursor organizations, ERDA and AEC. This material was a byproduct obtained during the (defense programs) production of Pu-239. This pathway provided the sole source of Am-241 for American source manufacturers until 1991.

Following the breakup of the Soviet Union in 1991, Americium-241 from the republics of the former Soviet Union (FSU) began to be used by AEA Technologies (also called Amersham and QSA Global). For the period from 1991 to 1995, AEA Technologies blended Americium-241 from several countries for their production of large activity (16 Ci. and greater) sources. , including the United States, which precluded the differentiation of the materials' country of origin.

The production of small activity sources within the US (<16 Ci.), including smoke detectors, continued to be done using material obtained through Oak Ridge National Laboratory until 2004.

After 2003, the Department of Energy ceased offering Am-241 to commercial manufacturers for the production of large activity sources and production consisted solely of non-US origin material. Material from ORNL, however, remained available for the manufacture of smoke detectors until 2004.

Pu-238

Plutonium-238 used for pacemakers and various RTG applications originated from within the DOE (ERDA, AEC) complex. There is no knowledge or record of material of non-US origin having been used for the US commercial manufacture of sources containing Pu-238.

Pu-239

Plutonium-239 sources, both Pu and PuBe, were manufactured by NUMEC, Mound and MRC using accountable materials received from DOE (ERDA, AEC). All of this material was of US origin and was

tracked using the Nuclear Materials Management and Safeguards System. There is no knowledge or record of material of non-US origin having been used for the US source manufacture of sources containing Pu-239.

Summary

There is a clear evolution in the history of the origin of source production materials. For Amersham, Am-241 sources manufactured after 1991 this involved the blending of materials from several countries of origin, including the United States. There is a reasonable and logical justification to continue to qualify for disposal, at WIPP, source materials which were manufactured prior to the date representing the last use of US origin materials. Sources which may contain blended source material with an unknown fraction of non-US origin material should not be disqualified as long as some fraction of US origin material is believed to be present. The disposal of sources as a national security operation, and the knowledge that some of the material is of US origin should be sufficient justification for continuing to offer qualifying transuranic sources for disposal under the pertinent defense determination. Sources produced using exclusively foreign material should not be considered for disposal at WIPP without further guidance and direction from USDOE, NNSA or other competent authority.

AF/lh

Distribution:
Shelby Leonard, OSRP, J552
Mike Pearson, J552
OSRP File, J552

From: "Whitworth, Julia" <jwhtwrth@lanl.gov>
To: "Abeyta, Cristy L" <cabeyta@lanl.gov>, "Pearson, Michael W"
...snip... <lorrain@lanl.gov>, "Brown, Darrell D" <dwaine@lanl.gov>
Subject: FW: Origin of Source Materials boundary

All,

The email below recounts my conversation in 2006 with Hugh Evans. The need to re-release this information came up recently. Please print this out and pin it to your wall! I get asked about this every six months or so and always have to go back and find this email again (John found it for me this time- thanks!). Ben, we also need to make this a source document if it is not already - and document it on an interview form (is it still Attachment 2 in TP-005?).

For QSA/Amersham sources, the small ones (< 16 Ci) contained at least some US-origin Am-241 until 2004. Hugh did not have an exact date in 2004, so let's assume anything after January 1 2004. Anything after this date must be assumed to have Russian-origin Am-241 ONLY - and our defense determination does not allow us to dispose of these things at WIPP. I should have written "such as" smoke detector foils, but this also covers the many Amersham sources we see in the mCi and low Ci range.

For larger (16-20 Ci) sources, the date for use of Russian-origin material is 1991.

DOE in the late 1990s began to explicitly prohibit the commingling of TRU and non-TRU wastes unless they could not easily be separated. This means in our situation that, since it would not be feasible for us to separate the Russian and US-origin materials (would involve breaching sources and somehow separating the Russian and US powders - mission impossible!), we can dispose of this "commingled" material - just not purely Russian material, for which we do not have a blanker defense determination.

We are working on some strategies to address the Russian material, but for now, this is the regulatory world in which we live. If you do find strictly foreign-origin sources, let Rick Day know so that he can pursue other possible outlets. We will also be working to get similar data for other manufacturers such as Gammatron.

Thanks,
Julia

Date: Wed, 28 Jun 2006 13:49:24 -0600
To: Hugh.Evans@qsa-global.com
From: Julia <jwhtwrth@lanl.gov>
Subject: Origin of Source Materials

Mr. Evans,

Thank you very much for taking the time to discuss the origin of materials used in Amersham/AEA sealed sources. To summarize our conversation, please confirm the following:

* Small quantity sealed sources used in smoke detectors contained at least some Am-241 material from ORNL (and thus of US origin) until 2004
* Larger 16-20Ci AmBe sealed sources contained primarily US-origin material until about 1991, after which you began to use material of Russian origin (from MYAC)
* You were using CsCl2 material obtained from Hanford in 1977 until about 1990 - and thereafter used Russian origin material. The Hanford material comprised 20 x 50kCi slugs.
* All feedstock for Pu-238 sealed source production came from ORNL during the 1950s.

We understand that around the dates listed above, there was some mixing of US-origin and Russian-origin materials. For the last item, it would be useful to know in what year you no longer used US-origin Pu-238 for sealed source production.

I look forward to working with you in the future as our project expands to include recovery of internationally-held sources.

Regards,
Julia

Julia Whitworth
Senior Project Leader - OSR Project
Los Alamos National Laboratory N-GTR
(cell) 505-699-3915
(office) 505-667-0534
Julia Whitworth
Senior Project Leader - OSR Project
Los Alamos National Laboratory N-GTR
(cell) 505-699-3915
(office) 505-667-0534

------ End of Forwarded Message

To: jatompkins@lanl.gov
Subject: Origin of source Material Boundary
Cc: afeldman@lanl.gov, jwhtwrth@lanl.gov
X-Attachments: C:\Documents and Settings\119239\Desktop\History of Non -US Origin Transuranics in Sources of US Manufacture;

Andy,

I hope the hunting was good and you were able to bag those pheasants with your good rock throwing arm. I have attached the memorandum and e-mail of HISTORY OF NON-US ORIGIN TRANSURANICS IN SOURCES OF US MANUFACTURE. We had previously discussed that you wanted to review and get Dwain Browns input so we could document that this issue has been addressed. I look forward to hearing from you as time allows.

Thanks,
Ben

Subject:
From: "Joseph A. Tompkins" <jatompkins@lanl.gov>
To: gut@lanl.gov

Ben,
The info I had on Russian Am-241 & Pu-238 from Myak is attached.

Andy

J. A. Tompkins
LANL - Offsite Source Recovery

505.699.0809

Mayak Am-241.pdf

Mayak Pu-238 preparation.pdf

ПРОИЗВОДСТВЕННОЕ ОБЪЕДИНЕНИЕ

МАЯК

РАДИОИЗОТОПНЫЙ ЗАВОД

ASSOCIATION PRODUCTION

MAYAK

RADIOISOTOPE PLANT

ПРЕПАРАТ РАДИОНУКЛИДА ПЛУТОНИЙ-238

Химическая формула — диоксид плутония.

Диоксид плутония получен методом термической деструкции оксалата плутония 4+. Температура прокаливания — 900±30°С. Время прокаливания — 12,5±2,5 ч.

Отбор пробы на анализ проводится от партии гомогенизированного по составу диоксида.

Содержание основного вещества в диоксиде (здесь и далее приведены значения изготовителя). Измеренное значение массовой доли плутония-238 в диоксиде не менее 74 %. Доверительные границы абсолютной суммарной погрешности результата измерения массовой доли плутония-238 в диоксиде плутония, выраженные в процентах, находятся в пределах ±3 % при вероятности 0,95.

Изотопный состав плутония.

Массовая доля изотопа плутоний-238 должна быть не менее 85 % от суммарной массы изотопов плутоний-238, плутоний-239, плутоний-240, плутоний-241, плутоний-242.

Массовые доли этих изотопов должны быть измерены и приведены в сертификате качества.

Измеренное значение массовой доли изотопа плутоний-236 от массы изотопа плутоний-238 не более $2{,}0 \cdot 10^{-4}$ %.

Содержание примесей.

Сумма измеренных массовых долей актинидов америций-241, нептуний-237, урана и тория от массы изотопов плутония не более 1 %.

Сумма массовых долей примесей, включающих протактиний-231, уран-233, уран-235, уран-236 и актиний-227, не должна быть более 1 % от массы изотопов плутония, определяется расчетным путем и гарантируется технологией получения диоксида плутония.

Массовые доли неактинидных примесей определяются индивидуально и лимитируются по следующим группам:

1. Сумма измеренных массовых долей лимитируемых примесей от массы диоксида плутония не более:

а) железо, хром, олово, никель, медь, цинк, свинец, кобальт, натрий, калий — 0,100 %

b) магний, алюминий, кремний, марганец, барий, кальций, стронций, титан (в том числе кальций не более 0,030) — 0,055 %

c) кадмий, висмут, серебро, тантал — 0,013 %

д) бор, литий, бериллий — 0,003 %

PLUTONIUM-238 RADIONUCLIDE PREPARATION

The plutonium-238 is in the from of plutonium dioxide. Plutonium dioxide is obtained by method of thermal destruction of plutonium [4+] oxalate. Calcination temperature — 900±30°C. Calcination time — 12.5±2.5 hrs.

Samples are taken from the lot of dioxide of homogenized composition.

Content of base material in dioxide (here and hereinafter values calculated or measured by the producer are presented]. Measured value of mass fraction of plutonium-239 in dioxide not less, than 74 %. Percentage of confidence limit of absolute total error of measurement of mass fraction of plutonium-238 in dioxide be held to ±3 % with the probability of 0.95.

Isotopic composition.

Mass fraction of plutonium-238 should not be less than 85 % of total mass of the isotopes plutonium-238, plutonium-239, plutonium-240, plutonium-241, plutonium-242.

Mass fractions of these isotopes should be measured and specified in Quality Certificate.

The probability is 0.95.

Measured mass fraction of plutonium-236 doe's not exceed 2.0×10^{-4} % of plutonium-238 mass.

Impurities.

Measured mass fractions of actinide impurities of americium-241, neptunium-237, uranium and thorium doe's not exceed a total of 1 % of total mass of plutonium isotopes.

The total impurities including protactinium-231, uranium-233, uranium-235, uranium-236 and actinium-227, determined by calculation, should not exceed 1 % of total mass of plutonium isotopes. Calculated value is guaranteed by technology of plutonium dioxide production.

Mass fractions of non-actinide impurities are determined individually. The values are controlled and limited for the following groups:

1. The total of measured mass fractions of limited impurities should not exceed:

a) iron, chromium, tin, nickel, copper, zinc, lead, cobalt, sodium, potassium — 0.100 %

b) magnesium, aluminium, silicon, manganese, barium, calcium, strontium, titanium (with calcium not more than 0.030) — 0.055 %

c) cadmium, bismuth, silver, tantalum — 0.013 %

d) boron, lithium, beryllium — 0.003 %

ПРОИЗВОДСТВЕННОЕ ОБЪЕДИНЕНИЕ

МАЯК

РАДИОИЗОТОПНЫЙ ЗАВОД

ASSOCIATION PRODUCTION

MAYAK

RADIOISOTOPE PLANT

ПРЕПАРАТ РАДИОНУКЛИДА АМЕРИЦИЙ-241

Химическая формула — AmO_2 (диоксид америция).

Диоксид америция получен методом термической деструкции оксалата америция +3.

Температура прокаливания (650±50) °С.

Время прокаливания (7±2) ч.

Массовая доля америция-241 в препарате не менее 84 %.

Здесь и далее приведены границы измеренных изготовителем значений.

Радиохимическая чистота препарата (отношение массы америция-241 к сумме масс америция-241 и актинидов) не менее 99 %. При этом массовая доля плутония (отношение массы плутония к сумме масс америция-241 и актинидов) не более 0,3 %.

Химическая чистота препарата (отношение массы америция-241 к сумме масс америция-241, и других катионов), исключая актиниды, не менее 99 %.

Содержание гамма-излучающих примесей (отношение активности гамма-излучающих примесей к активности америция-241) не более 10^{-4} %.

Препарат поставляется в металлических ампулах объемом до 60 $см^3$ с навинчивающейся крышкой, упакованных в капсулы, герметизированные аргонодуговой сваркой. Размеры капсул не более 35×100 мм.

Капсулы герметичны.

Уровень радиоактивного загрязнения капсулы, определяемый методом мазка, не более 185 Бк.

Капсула с препаратом соответствует требованиям, предъявляемым к радиоактивному веществу особого вида, установленному «Правилами безопасности при перевозке радиоактивных веществ» (МАГАТЭ, Вена, 1985 г.), и имеет соответствующий сертификат-разрешение.

AMERICIUM-241 RADIONUCLIDE PREPARATION

Chemical formula — AmO_2 (Americium dioxide).

Americium dioxide is obtained by thermal destruction of americium (+3) oxalate.

Calcination temperature (650±50) °C.

Calcination time (7±2) hours.

Am-241 mass part in the preparation is not less than 84 %.

Here and hereinafter the limits of values measured by producer are pointed.

The preparation radiochemical purity (ratio of Am-241 mass to the sum of Am-241 and actinides masses) is not less than 99 %. Mass part of Plutonium (ratio of Plutonium mass to the sum of Am-241 and actinides masses) does not exceed 0.3 %.

The preparation chemical purity (ratio of Am-241 mass to the sum of Am-241 and other cations masses (excluding actinides)) must not be less than 99 %.

Quantity of gamma-radiation impurities (ratio of activity of gamma-radiation impurities to Am-241 activity) does not exceed 10^{-4} %.

The preparation is be supplied in metal ampules having a volume up to 60 cm^3 and screw cap. The ampules are packed into the capsules, which are sealed by argon-arc welding. The capsule dimensions doesn't exceed 35×100 mm.

The capsules are hermetic.

Level of radioactive contamination of the capsule determined by a wipe test does not exceed 185 Bq.

The capsule with preparation is in accordance with requirements for special form of radiactive material established by IAEA Regulations for the Safe Transport of Radioactive Materials, Vienna, 1985, and has correspondent Certificate of Approval.

454065, Челябинск-65, пр. Ленина, 31
телетайп 024386 Банан
телефон (351-51) 3-16-56
(351-71) 7-52-05, 2-22-94

31 Lenin St., Cheljabinsk-65, 454065, RUSSIA
telex 124864 ATOM SU
telephone (351-51) 3-16-56
(351-71) 7-52-05, 2-22-94

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PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C038
Waste Stream Number(s): LA-OS-00-01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ ~~Supporting~~ Information Additional EBB 5/10/2011	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title of Source Document: Universal application of the Registry of Radioactive Sealed Sources and Devices for NSR-F model sources	
Source Document Reference Information (author(s), document and revision number, date, publisher): A Feldman, C038, 0, 3/8/10, LANL-OSR, NRC, MRC	

AK # [a]	Source Doc. Page # [b]	AK Information Summary
WS11, O15	1	The Memo states the universal use of the SSDR for any NSR-F model AmBe neutron well logging sources, independent of the manufacturer since the same Monsanto technical drawing, H-142108, is used for over the past thirty years. The most current amended device registration lists only Gammatron as the manufacturer, not taking into consideration that Monsanto or Numec were manufacturers for the NSR-F sources for the oil industry. The Memo references MRC drawing used for consctruction of these sources, H-142108,and provides information on the nominal activity of the AmBe source of 16Ci and maximum value of 20Ci.
WS11, O9, O15	2-6	NRC registry of radioactive sealed sources and devices report on AmBE neutron well logging sources model NSR-F, manufacturer by Gammatron Inc., for Schlumberger Technology Corp.using drawing H-142108 or H-357088. Isotope, activity, leak test frequency, device description according to the drawings used for manufacture, conditions for normal use, source testing, external dose levels, labeling and limitations are presented. Diagram of the source including inner and outer capsule drawings are provided.
WS11, O9	7	Monsanto engineering drawing H-142108 dating 1971, 1979 timeframe, for model NSR-F, AmBe neutron source stating a nominal activity of 16Ci and a maximum activity of 20Ci. Sources were made for Schlumberger Technology Corporation. Dimenssions and engineering details are preovided.

ORIGINAL

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C038
Source Document Data Limitations (if any): 1. Best available copy. 2. Information applicable to a limited amount of sources.	
Acceptable Knowlege Expert: Christopher Chancellor / Date: 05/02/2011 Print / Sign	
[a] Obtain from Acceptable Knowledge Documentation Checklist [b] For microfilm or microfiche, identify box, tape, reel number and location.	

P2010 Information Release Form

This form is to be completed and submitted to the NWIS Records Management Coordinator with copies BEFORE you present or submit for release any technical work. P2010-2805/ERID-507411	Package for review must include: 1. Copy of submission 2. Completed **P2010 Information Release Form** and **Cover sheet** on each submission. 3. Completed **Records Submittal Form** for each submission submitted to RMDC.

1. Author(s) name(s)					2. Author(s) Signature & Date
Last	First	Middle	Z #	Group (or affiliation)	(Originator) Alex Feldman LANL (Supporting Documents from ; NRC, Monsanto, Schlumberger, Gammatron, and Texas Department of Health) 4/1/2010
Feldman		Alex	181385	N-3 /ORSP	

3. Title of Article (In caps: spell out all symbols):
UNIVERSAL APPLICATION OF THE REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES FOR NSR-F MODEL SOURCES (C038)

4. Type of Information:	5. Intended For: Central Characterization Project Records Center, Carlsbad, New Mexico
X Acceptable Knowledge (AK) reports, radioisotope data, and/or source documents	
☐ Other (**Must be PROJECT 2010, specific**):	**6. Particulars:**

7. Z number, Name and Phone of contact for notification of release	Mail Stop
119239, Ben S. Gutierrez, (505) 606-1630	J552

8. Typed/Printed Name of Derivative Classifier	Signature and Date
Peter Lindhal	4/1/2010
☒ Unclassified	Unclassified, Limited Explain:

9. P2010 Public Release Official	Signature and Date:
Peter Lindhal	4/1/2010
10. Typed/Printed Name of Responsible Author/Requestor Ben S. Gutierrez	Signature and Date: 04/01/10
11. NWIS Group Leader Michael Romero	Signature and Date: 4/1/2010

P2010- 2905 / ERID-50741

Approved for public release:

Title:	UNIVERSAL APPLICATION OF THE REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES FOR NSR-F MODEL SOURCES
Author(s):	Alex Feldman LANL (Supporting Documents from ; NRC, Monsanto, Schlumberger,Gammatron,and Texas Department of Health)
Submitted to:	Central Characterization Project (CCP) Records Center, Carlsbad, New Mexico

Los Alamos
NATIONAL LABORATORY
Est. 1943
The World's Greatest Science Protecting America

memorandum

N-3: International Threat Reduction
Off-Site Source Recovery Project (OSRP)

To/MS: Rick Rasmussen, OSRP Team Leader, J552
Julia Whitworth, AK SME, B228
From/MS: A. Feldman, Characterization SME, OSRP
Phone/Fax: 667-0319
Symbol: N3-10-017 *Date:* March 8, 2010

SUBJECT: Universal Application of the Registry of Radioactive Sealed Sources and Devices for NSR-F Model Sources

The purpose of this memo is to explain the rationale for the universal use of the Registry of Radioactive Sealed Sources and Devices registration for NSR-F model well logging sources. The NRC device registry for model "NSR-F Well Logging Sources" was amended in July of 2001 under registration number TX0586S107S. The amended device registration lists the manufacturer of the NSR-F sources as Gammatron Inc. in Houston, Texas. While it is true that Gammatron Inc. is currently listed as the manufacturer for this source design, sources of this design were made for over thirty years by several other manufacturers. In fact the design has stayed exactly the same even though the manufactures have changed. Schlumberger Technology Corporation of Sugar Land, Texas is the listed source distributor. Over the years they have contracted for manufacture of NSR-F sources from several Companies.

NSR-F sources were originally manufactured by Monsanto Research Corporation (MRC) of Dayton, Ohio and NUMEC of Apollo, Pennsylvania. The original NSR-F drawing which is still the referenced technical drawing in the amended device registry of July, 2001 (referenced as H-142108) is dated February of 1971. The drawing referenced (and attached) shows the nominal activity of the AmBe source as 16 curies with a maximum value of 20 (19.99) curies.

While the amended registry (2001) lists Gammatron Inc. as the current manufacturer, all NSR-F sources fabricated after February 1971 were done in accordance with the print specifications and were made to the exact same specifications as evidenced by the technical drawing H-142108. The use of the Registry of Radioactive Sealed Sources and Devices registration for NSR-F model well logging sources is applicable to all NSR-F sources that were manufactured after 1971.

AK documentation of source activity for NSR-F sources characterized for WIPP disposal may therefore use the maximum activity of 20 curies shown in the Registry of Radioactive Sealed Sources and Devices as acceptable activity documentation.

AF/aj

Attachment: Registry of Radioactive Sealed Sources and Devices registration for NSR-F model well logging sources

Technical Drawing (H-142108)

Cristy Abeyta, OSRP, MS J552

N-3 OSRP File, MS J552

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(3) 1

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SOURCE
AMENDED IN ENTIRETY

NO.: TX0586S107S DATE: July 30, 2001

DEVICE TYPE: Well Logging Source

MODEL: NSR-F (H-142108 or H-357068)

DISTRIBUTOR: Schlumberger Technology Corporation
300 Schlumberger Drive
Sugar Land, TX 77478
(281) 285-8775

MANUFACTURER: Gammatron, Inc.
5703 Ethridge Drive
Houston, Texas 77087

ISOTOPE: Americium-241 MAXIMUM ACTIVITY: 20 Ci (0.74 TBq)

LEAK TEST FREQUENCY: 6 months

PRINCIPAL USE: (F) Well Logging

CUSTOM DEVICE: YES___ X_____ NO

CUSTOM USER:

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SOURCE
AMENDED IN ENTIRETY

NO.: TX0586S107S DATE: July 30, 2001 PAGE 2 OF 4

DEVICE TYPE: Well Logging Source

DESCRIPTION: The Model (NSR-F) pressure vessel assembly contains a sealed source that is 1.3" in diameter and 4.163" in length. The source material consists of americium oxide and berylium powders which are mixed and pelletized. These pellets are then encapsulated by welding into an inner capsule of 304 stainless steel and an outer capsule of 18 percent Ni maraging steel (H-142108) or MP35N stainless steel (H-357068). The source capsule is welded inside an associated pressure vessel assembly 1.67" in diameter and 7.81" in length. This assembly is carried to the field in a transport container and attached to a logging tool as part of a logging system. The source is designed to produce neutrons which are directed into the rock formations surrounding the wellbore to measure the hydrogen content of the fluids in the formation.

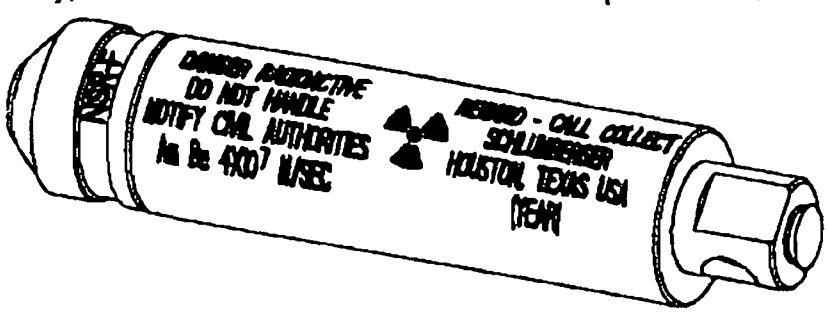
CONDITIONS OF NORMAL USE: Normally the source and its logging system are designed to operate in temparatures of 200°C and pressures of 20,000 psi. However, testing has demonstrated that these systems can operate up to 260°C and 25.000 psi.

PROTOTYPE TESTING: The licensee used ISO 2919 as the standard for testing these sources. The source was classified as E66525. This is the same classification under the ANSI standard. Original prototype testing (08/10/89) only tested the sources to a temperature of 600°C. Current testing (03/06/98) demonstrates that the sources can withstand up to 800°C. Both the older sources and current sources meet ANSI standards for well logging sources.

EXTERNAL RADIATION LEVELS: Radiation levels were determined by use of a Bonner Sphere, with the maximum activity in the source. The radiation level at 82 inches was 10 mRem/hour. This includes the gamma component.

QUALITY ASSURANCE AND CONTROL: The manufacturer has an established ISO 9001 QA/QC program to maintain minimum standards for the manufacture of the sources. This program is also used during acceptance testing of the sealed sources.

LABELING: The pressure vessel has a label similar to the one shown below, etched into the side of the pressure vessel. This label has the company name, "DANGER - RADIOACTIVE", "DO NOT HANDLE", NOTIFY CIVIL AUTHORITIES" and "REWARD - CALL COLLECT", radionuclide, neutron flux,year source was made, and the conventional radiation trefoil. In a depressed band near one end of the pressure vessel, the model number (NSR-F) and the serial number are etched. Other information, such as activity and date of assay, are recorded on a label attached to the transport container.



(5)

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SOURCE
AMENDED IN ENTIRETY

NO.: TX0586S107S DATE: July 30, 2001

DEVICE TYPE: Well Logging Source

DIAGRAM: See attachments.

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE:

1. This source shall be distributed only to specifically licensed Schlumberger Companies.
2. Handling, storage, use, transfer and disposal should be determined by the licensing authority in accordance with its rules on wireline services.
3. This source should be leak tested at six month intervals.
4. **The following table of sources may be transferred to persons specifically licensed by the NRC, an Agreement State or a Licensing State.**

Sealed Source Serial Number											
116	481	1093	1276	1370	1486	1557	1628	2187	2280	2666	3113
127	489	1117	1283	1371	1487	1564	1629	2191	2298	3013	3114
136	502	1133	1284	1373	1488	1565	1633	2193	2366	3014	3115
143	504	1137	1286	1378	1490	1567	1634	2200	2388	3015	3150
148	507	1138	1302	1380	1492	1570	1637	2204	2399	3016	3151
165	520	1141	1306	1385	1499	1573	1658	2206	2402	3092	3152
175	532	1147	1307	1392	1500	1575	1675	2212	2410	3098	3153
190	553	1150	1309	1398	1501	1581	1686	2214	2417	3100	3154
229	554	1166	1311	1401	1503	1582	2006	2218	2424	3101	3155
293	563	1167	1314	1440	1506	1591	2018	2223	2439	3102	3156
304	571	1182	1316	1458	1510	1602	2038	2226	2457	3103	3157
311	606	1183	1317	1463	1513	1608	2066	2229	2471	3104	3158
315	626	1222	1319	1465	1516	1610	2068	2231	2480	3105	3159
349	632	1247	1322	1467	1543	1611	2084	2234	2486	3106	3160
352	635	1251	1323	1470	1545	1613	2086	2246	2494	3107	3161
394	680	1256	1328	1471	1547	1616	2140	2249	2511	3108	3162
405	1046	1261	1331	1482	1549	1618	2144	2250	2512	3109	3163
421	1057	1267	1340	1483	1551	1619	2147	2256	2514	3110	3164
424	1071	1272	1358	1484	1552	1621	2178	2260	2607	3111	3165
425	1074	1274	1363	1485	1556	1625	2181	2269	2608	3112	

SAFETY ANALYSIS SUMMARY: Review of the information provided by Schlumberger Technology Corporation indicates that the design and construction of this source exceeds the ANSI classification for well logging sources. Because of the general environment of the sealed source when in use, the source should maintain its integrity during all applicable conditions.

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SOURCE
AMENDED IN ENTIRETY

NO.: TX0586S107S DATE: July 30, 2001

DEVICE TYPE: Well Logging Source

REFERENCES: This summary was prepared with the aid of Schlumberger Technology Corporation letters dated May 7, 1998, August 11, 1998, October 19, 1998 and December 3, 1998 and all associated drawings, documents and procedures.

Administratively amended July 30, 2001 based on Agency letter dated June 25, 2001.

ISSUING AGENCY: Bureau of Radiation Control
Texas Department of Health

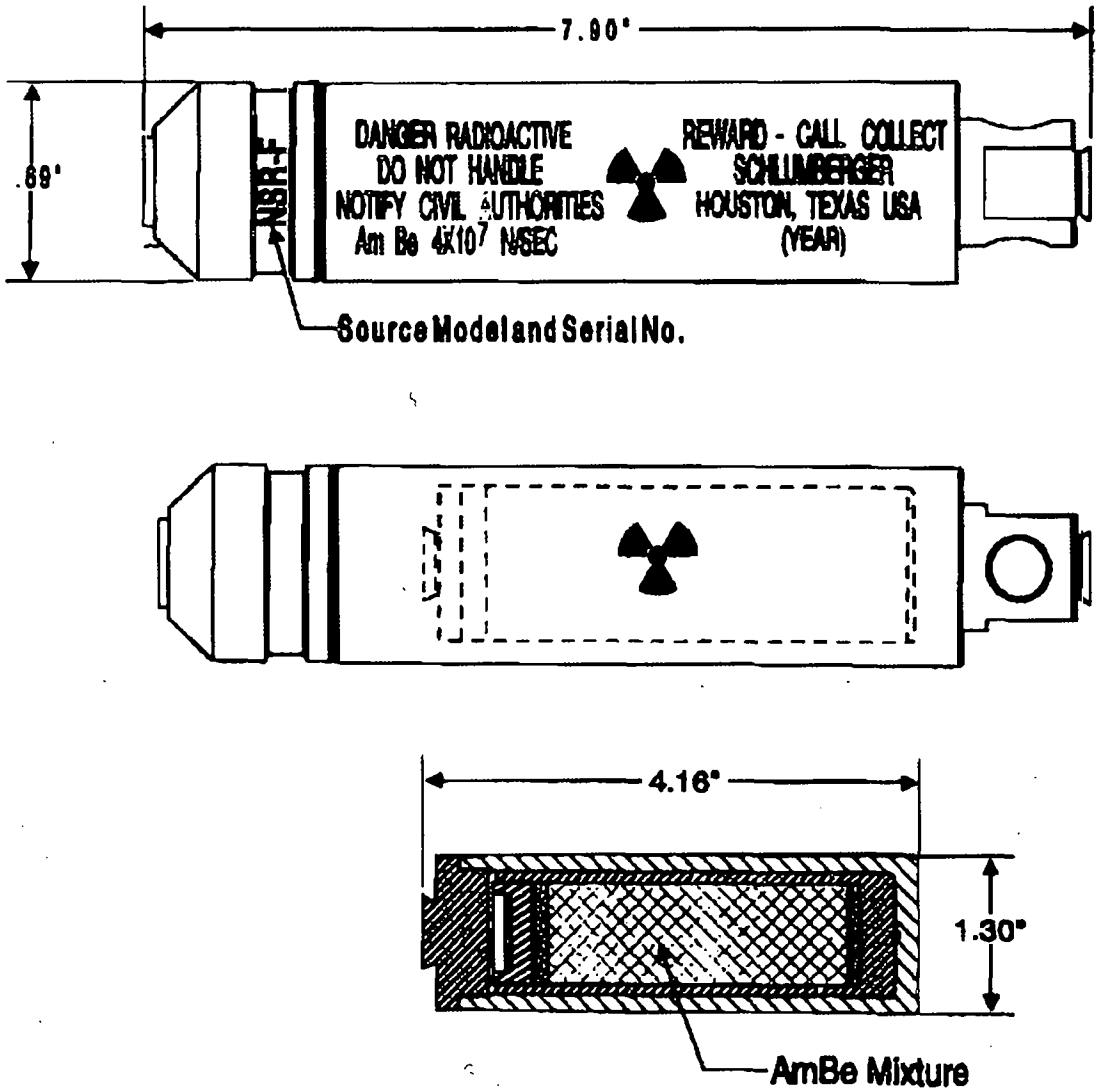
Date: July 30, 2001 Reviewer: David B. Fogle

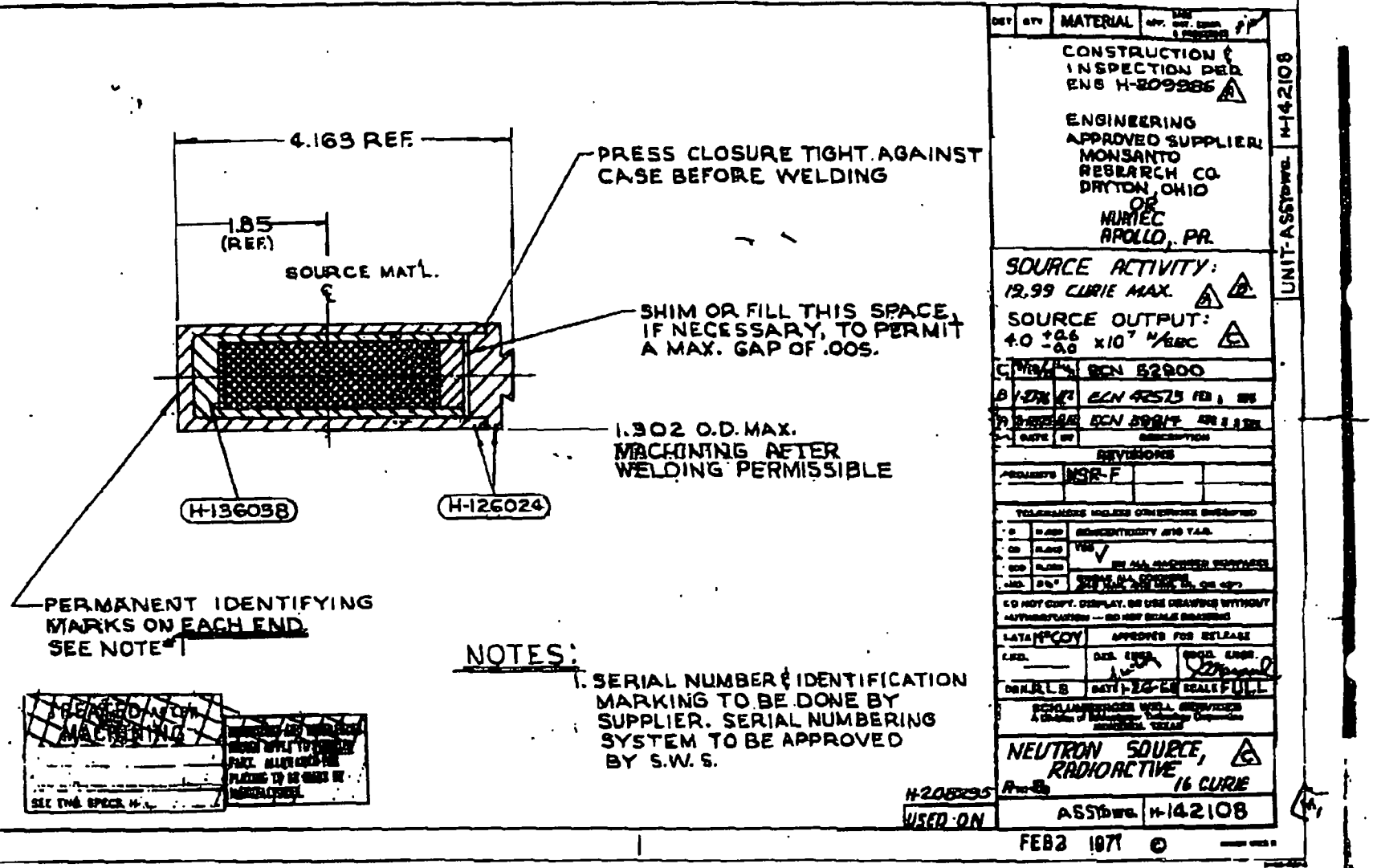
Date: July 30, 2001 Concurrence: Pete H. Myers

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: TX0586S107S DATE: July 30, 2001 ATTACHMENT 1

DIAGRAM:




4.163 REF.
1.85 (REF.)
SOURCE MAT'L.
PRESS CLOSURE TIGHT AGAINST CASE BEFORE WELDING
SHIM OR FILL THIS SPACE, IF NECESSARY, TO PERMIT A MAX. GAP OF .005.
1.302 O.D. MAX. MACHINING AFTER WELDING PERMISSIBLE
H-136038
H-126024
PERMANENT IDENTIFYING MARKS ON EACH END. SEE NOTE 1
NOTES:
1. SERIAL NUMBER & IDENTIFICATION MARKING TO BE DONE BY SUPPLIER. SERIAL NUMBERING SYSTEM TO BE APPROVED BY S.W.S.
MATERIAL
CONSTRUCTION & INSPECTION PER ENS H-209385
ENGINEERING APPROVED SUPPLIER: MONSANTO RESEARCH CO. DAYTON, OHIO OR MURTEC APOLLO, PA.
SOURCE ACTIVITY: 12.99 CURIE MAX.
SOURCE OUTPUT: 4.0 +0.6 -0.0 x10^7 N/SEC
ECN 52900
ECN 42573
ECN 39917
REVISIONS
NSR-F
NEUTRON SOURCE, RADIOACTIVE 16 CURIE
ASSY dwg. H-142108
UNIT-ASSY dwg. H-142108
H-208295
USED ON
FEB 3 1971 ©
NOV 20 1979

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Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C031

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☑ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☐ P - *Procedures*
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a] : Recommendations for Determination of Default Manufacture Date for Americium 241 Sources With No Documented Date of Manufacture

Source Document Reference Information (author(s), document and revision number, date, publisher): Alex Feldman, N2: 06-232, NA, 09/25/2006, LANL

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS11, S16	1-2	The information provided in this Memo is the recommendations for an appropriate date of manufacture (DOB) for Americium sources.(1). If the serial number can be correlated from the same manufacturer to a near serial number then the use of the estimated similar date is appropriate. (2). If the date of manufacture is unknown but the manufacturer ceased production of sources then the date of last production can be used (3) For Sources that for which the date of manufacture is unknown, the date of actual characterization can be used ensuring conservative estimate. See Table on page 2 date of last manufacture by source company manufacturer.

Source Document Data Limitations (if any):

1. Applies to souces only that contain Americium.
2. Best Available Copy(s)

Acceptable Knowlege Expert:

Christopher Chancellor — Date: 03/06/2012

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 5-1-12

C031

P2010-2311
ERID- ~~501439~~ 501349 BSC 5/2/08

Los Alamos
NATIONAL LABORATORY
EST 1943

To/MS: Julia Whitworth, CCP AK Expert, B228
From/MS: Alex Feldman, OSR Characterization SME
Phone/Fax: 7-0319/Fax 5-7913
Symbol: N2: 06-232
Date: September 25, 2006

memorandum

Off-Site Source Recovery Project
N2-Advanced Nuclear Technology

SUBJECT: RECOMMENDATIONS FOR DETERMINATION OF DEFAULT MANUFACTURE DATE FOR AMERICIUM 241 SOURCES WITH NO DOCUMENTED DATE OF MANUFACTURE

The purpose of this memo is to provide recommendations for determination of an appropriate date of manufacture (DOB) for Americium 241 sources which have the required AK information regarding isotope and activity but lack information regarding DOB.

The OSRP Characterization software has been developed as the approved method for deriving isotopic activities for OSR recovered sources in preparation for shipment to WIPP. For sources containing Am-241 as the principle isotope, the input values necessary for the software are the source activity, source weight and source DOB. CCP procedure CCP-TP-1-101, Rev. 1, titled, *"CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization"* states, **[G.1] IF a manufacture date is NOT available, THEN select a date based on AK information that will provide the most conservative results.** I am recommending three methods as appropriate for determination of DOB. They are as follows:

1. If the source serial number allows an estimate or interpolation of the date of birth by reference to a source from the same manufacturer of near serial number, then use of the estimated or interpolated date is appropriate.

2. If the date of manufacture is unknown and can not be ascertained by method 1 above but the manufacturer has terminated manufacture as of a known date, the date of last production by the manufacturer may be used. The table below provides dates of last known manufacture for several companies no longer in business.

(1)

Manufacturer	Date of Last Manufacture[1]
Amersham	June 1, 1999
AEA Technology	October 1, 2005
MRC	February 1, 1983
NEN	January 1, 1988
NUMEC/ (ARCO & BP)	December 1, 1971
3M	January 1, 1970
Parkwell Laboratory	January 1, 1970
Gen Nuclear Inc.	June 1, 1986
Gulf Nuclear Inc./NEEI	December 31, 1987
Gamma Industries	February 1, 1989

[1] *Dates provided by Andrew Tompkins via e-mail dated September 21, 2006*

3. For those few sources for which a date of manufacture is unknown and can not be ascertained via methods 1 or 2 above, the date of the actual characterization may be used. This will ensure a conservative estimate of the primary isotope activity (i.e. most closely reflecting the Am-241 activity at the actual time of manufacture {T ½ of 432 years}).

I believe that these recommendations are consistent with the discussion and guidance in section 4.1.1 "*Informational Basis*" and section 4.2.3 "*Am-241 Sources*" of the "*Sealed Sources Peer Review Report*" dated December 5, 2003. If you need additional information, please contact me at (505) 667-0319.

AF/lh

Distribution:

Jerry McAlpin, J552
Shelby Leonard, J552
OSRP File, J552
N2 file, B228

(2)

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PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C076
Waste Stream Number(s): LA-OS-00-01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a] : Email requests for drums to be added to the LANL AK Tracking Spreadsheet	
Source Document Reference Information (author(s), document and revision number, date, publisher): Sherry Auckland and Christina Poulos, Document Number: NA, Revision: NA, Date: Various	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR5, WS1, WS3, WS11, S16	Throughout	Email requests for drums to be added to the LANL AK Tracking Spreadsheet February 2015 through May 2015. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, radionuclides, defense determinations, and source document references. Requests are for drums in the following BDRs: LA15-OSR-VE-001 LA15-OSR-VE-002 LA15-OSR-VE-003 LA15-OSR-VE-004 LA15-OSR-VE-005 Email requests for drums to be added to the LANL AK Tracking Spreadsheet for August 26, 2014 through January 14, 2015. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, radionuclides, defense determination, and source document reference. Requests are for drums in the following BDRs: LA14-OSR-VE-009 LA14-OSR-VE-010 LA14-OSR-VE-011 LA14-OSR-VE-012 LA14-OSR-VE-014 LA14-OSR-VE-015 Email requests for drums to be added to the LANL AK Tracking Spreadsheet for July 9, 2014 and August 6, 2014. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, and radionuclides. Request for drums in the following BDRs: LA14-OSR-VE-007 LA14-OSR-VE-008

CCP RECORDS ORIGINAL
DATE REC'D 8/10/15
MR

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: C076
AK # [b]	Source Doc. Page # [c]	AK Information Summary
		Email requests for drums to be added to the LANL AK Tracking Spreadsheet between November 12, 2013 and April 3, 2014. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, and radionuclides. Request for drums in the following BDRs: LA14-OSR-VE-006 LA14-OSR-VE-003 LA14-OSR-VE-005 LA14-OSR-VE-004 LA14-OSR-VE-002 LA14-OSR-VE-001 LA13-OSR-VE-023 LA13-OSR-VE-021 LA13-OSR-VE-022 Email requests for drums to be added to the LANL AK Tracking Spreadsheet between July 2013 and September 2013 for the LA-OS-01.001 Waste Stream. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, and radionuclides. Request for drums in the following BDRs: LA13-OSR-VE-015 LA13-OSR-VE-017 LA13-OSR-VE-007 LA13-OSR-VE-016 LA13-OSR-VE-018 LA13-OSR-VE-019 LA13-OSR-VE-020

Source Document Data Limitations (if any):
1. Information specific to containers in BDRs discussed.

Acceptable Knowledge Expert:

Sherry Auckland — Date: 8/5/2015

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet

February 2015 through May 2015

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, May 06, 2015 9:12 AM
To:	'Diana McCabe'
Cc:	'Mike Papp'; Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina; 'sherinance@aol.com'
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067594, LA00000067595, and LA00000067596 contain Am241/Be and Am241/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization (see source document M333), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067594 – generated and closed February 26, 2015
- LA00000067595 – generated and closed February 25, 2015
- LA00000067596 – generated and closed February 26, 2015

These containers will be described in VE-BDR number LA15-OSR-VE-004. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division

Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, April 27, 2015 11:38 AM
To:	'dianakmccabe.dkm@gmail.com'
Cc:	'Mike Papp'; Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina; 'sherinance@aol.com'
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067583, LA00000067584, and LA00000067585 contain Am241/Be and Am241/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization (see source document M332), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067583 – generated and closed December 9, 2014
- LA00000067584 – generated and closed December 9, 2014
- LA00000067585 – generated and closed December 10, 2014

These containers will be described in VE-BDR number LA15-OSR-VE-005. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division

Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, April 13, 2015 10:46 AM
To:	'dianakmccabe.dkm@gmail.com'
Cc:	'Mike Papp'; 'sherinance@aol.com'; Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina
Subject:	Request for Addition of Seven Containers to AKTSS for Waste Stream LA-OS-00-01.001

Diana,

Please add seven drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067587, LA00000067588, and LA00000067589, LA00000067590, LA00000067591, LA00000067592, and LA00000067593 contain Pu238 sources

These containers also have sufficient AK for radiological characterization (see source document M331), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067587 – generated and closed January 28, 2015
- LA00000067588 – generated and closed January 28, 2015
- LA00000067589 – generated and closed January 28, 2015
- LA00000067590 – generated and closed January 28, 2015
- LA00000067591 – generated and closed January 28, 2015
- LA00000067592 – generated and closed January 28, 2015
- LA00000067593 – generated and closed January 28, 2015

These containers will be described in VE-BDR number LA15-OSR-VE-002. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, March 30, 2015 10:14 AM
To:	'dianakmccabe.dkm@gmail.com'; 'JRFESQ2@aol.com'; Fitzgerald, Randy
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067527 contains Am241/Be sources

This container also has sufficient AK for radiological characterization (see source document M330), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000067527 – generated and closed February 10, 2015

This container will be described in VE-BDR number LA15-OSR-VE-003. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From: Poulos, Christina
Sent: Wednesday, February 25, 2015 11:24 AM
To: Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc: Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Auckland, Sherry L
Subject: Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067577 contains Am241 and Am241/Be sources and container LA00000067582 contains Am241 sources

These containers also have sufficient AK for radiological characterization (see source document M329), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067577 – generated and closed November 19, 2014
- LA00000067582 – generated and closed November 19, 2014

These containers will be described in VE-BDR number LA15-OSR-VE-001. Please let me know if you have questions or comments.

Thank you.

Thank you,

Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St. MS A141
Carlsbad, NM 88220

Contractor for the U.S. Department of Energy

Phone: 575-628-8936
Fax: 575-628-3238

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet

August 26, 2014 through January 14, 2015

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, January 14, 2015 9:31 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067568 and LA00000067569 contain Am241/Be sources

These containers also have sufficient AK for radiological characterization (see source document M328), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067568 – generated and closed August 5, 2014
- LA00000067569 – generated and closed August 5, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-015. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141

Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, December 09, 2014 10:43 AM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000062757, LA00000065480, and LA00000067558 contain Am241 and Am241/Be sources

These containers also have sufficient AK for radiological characterization (see source document M327), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000062757 – generated and closed July 30, 2014
- LA00000065480 – generated and closed July 31, 2014
- LA00000067558 – generated and closed July 7, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-014. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE

Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, November 03, 2014 10:35 AM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina
Subject:	equest for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067555 and LA00000067570 contain Am241/Be sources; container LA00000067576 contains Pu239/Be sources

These containers also have sufficient AK for radiological characterization (see source document M326), and approved defense determinations (see source documents D025 and C004). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067555 – generated and closed June 3, 2014
- LA00000067570 – generated and closed September 23, 2014
- LA00000067576 – generated and closed September 23, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-012. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE

Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Poulos, Christina CP
Sent:	Monday, September 15, 2014 2:28 PM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Auckland, Sherry L
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067545 contains Am241 sources

This container also has sufficient AK for radiological characterization (see source document M325), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067545 – generated and closed June 25, 2014

This container will be described in VE-BDR number LA14-OSR-VE-011. Please let me know if you have questions or comments.

Thank you.

Thank you,
Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St., MS A141
Carlsbad, NM 88220

Contractor for the U.S. Department of Energy

Phone: 575-628-8936
Fax: 575-628-3238

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, August 26, 2014 2:35 PM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Ams, David Adam
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067554 contains Am241 sources

This container also has sufficient AK for radiological characterization (see source document M324), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000067554 – generated and closed May 28, 2014

This container will be described in VE-BDR number LA14-OSR-VE-010. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, August 26, 2014 2:26 PM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Ams, David Adam
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067542 and LA00000067548 contain Am241/Be sources

These containers also have sufficient AK for radiological characterization (see source document M323), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067542 – generated and closed May 15, 2014
- LA00000067548 – generated and closed June 24, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-009. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141

Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet

July 9, 2014 and August 6, 2014

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, August 06, 2014 4:29 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Ams, David Adam
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067541 and LA00000067543 contain Am241 and Am241/Be sources

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067541 – generated and closed May 15, 2014
- LA00000067543 – generated and closed May 15, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-008. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, July 09, 2014 3:15 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Poulos, Christina; McAlpin, Jerry D
Subject:	Request for Addition of Four Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add four drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000062758, LA00000067525, and LA00000067546 contain Pu239/Be sources, container LA00000067526 contains Am241/Be sources

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source documents C004 and D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000062758 – generated and closed March 4, 2014
- LA00000067525 – generated and closed June 17, 2014
- LA00000067526 – generated and closed June 17, 2014
- LA00000067546 – generated and closed June 16, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-007. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141

Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet between November 12, 2013 and April 3, 2014

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Thursday, April 03, 2014 4:07 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Poulos, Christina; McAlpin, Jerry D
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067528, LA00000067529 and LA00000067530 contain Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067528 – generated and closed March 5, 2014
- LA00000067529 – generated and closed March 4, 2014
- LA00000067530 – generated and closed March 5, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-006. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Poulos, Christina CP
Sent:	Thursday, April 03, 2014 11:51 AM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Auckland, Sherry L; McAlpin, Jerry D
Subject:	Request for Addition of Five Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000067506 contains Am241 and Am241/Be sources and containers LA00000067507, LA00000067508, LA00000067509, LA00000067510 contains Am241/Be sources.

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067506 – generated and closed February 11, 2014
- LA00000067507 – generated and closed February 12, 2014
- LA00000067508 – generated and closed February 12, 2014
- LA00000067509 – generated and closed February 13, 2014
- LA00000067510 – generated and closed February 13, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-004. Please let me know if you have questions or comments.

Thank you.

Thank you,
Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St. MS A141
Carlsbad, NM 88220

Contractor for the U.S. Department of Energy

Phone: 575-628-8936
Fax: 575-628-3238

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Thursday, April 03, 2014 10:32 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Poulos, Christina; McAlpin, Jerry D
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067538 and LA00000067539 contain Am241/Be sources and container LA00000067540 contains Pu238/Li sources

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067538 – generated and closed March 11, 2014
- LA00000067539 – generated and closed March 11, 2014
- LA00000067540 – generated and closed March 12, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-005. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From: Poulos, Christina
Sent: Monday, March 24, 2014 11:13 AM
To: Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc: Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; McAlpin, Jerry D; Gammon, Ellen; Auckland, Sherry L
Subject: Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000065463 contains Am241 sources

This container also has sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000065463 – generated and closed February 25, 2014

This container will be described in VE-BDR number LA14-OSR-VE-003. Please let me know if you have questions or comments.

Thank you.

Thank you,
Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St. MS A141
Carlsbad, NM 88220

Contractor for the U.S. Department of Energy

Phone: 575-628-8936
Fax: 575-628-3238

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, February 19, 2014 2:11 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067523 and LA00000067524 contain Am241/Be and Am241/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067523 – generated and closed January 28, 2014
- LA00000067524 – generated and closed January 29, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-002. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
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Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From: Auckland, Sherry L
Sent: Thursday, January 23, 2014 2:34 PM
To: Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc: Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject: Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000061574 contains one Pu239/Be source

This container also has sufficient AK for radiological characterization, and an approved defense determination (see source document C004). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000061574 – generated and closed December 17, 2013

These containers will be described in VE-BDR number LA14-OSR-VE-001. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Thursday, January 23, 2014 1:28 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dianamccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Four Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add four drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067515 and LA00000067518 contain Am241/Be sources, containers LA00000067517 and LA00000067519 contain Pu238/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067515 – generated and closed December 4, 2013
- LA00000067517 – generated and closed December 5, 2013
- LA00000067518 – generated and closed December 5, 2013
- LA00000067519 – generated and closed December 5, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-023. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE

Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, January 15, 2014 10:39 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowald, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000065491, and LA00000067511 contain Am241 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000065491 – generated and closed September 26, 2013
- LA00000067511 – generated and closed August 15, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-021. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Carlsbad, NM 88220
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Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, November 12, 2013 4:20 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Corrected Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067512, LA00000067513, and LA00000067514 contain Am241 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067512 – generated and closed September 18, 2013
- LA00000067513 – generated and closed September 19, 2013
- LA00000067514 - generated and closed September 19, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-022. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141

Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From: Auckland, Sherry L
Sent: Tuesday, November 12, 2013 3:58 PM
To: Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc: Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject: Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067512, LA00000067513, and LA00000067514 contain Am241 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067512 – generated and closed September 18, 2013
- LA00000067513 – generated and closed September 19, 2013
- LA00000067513 - generated and closed September 19, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-022. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Phone: 575-628-1378 / Mobile: 575-706-6707

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet between July 2013 and September 2013

Auckland, Sherry L

From:	Auckland, Sherry L 10/24/2013
Sent:	Wednesday, July 10, 2013 2:03 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; McAlpin, Jerry D; Gammon, Ellen; Ams, David A
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- US-origin of sources
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000064558 and LA00000065489 contain Am241/Be sources.

These containers have sufficient AK for radiological characterization. Additionally, these containers have an approved defense determination. Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000064558 – generated and closed June 3, 2013
- LA00000065489 – generated and closed June 3, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-015. Please contact me at 575-706-6707 if you have any questions or comments.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Earth and Environmental Sciences Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Monday, July 15, 2013 4:37 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; McAlpin, Jerry D; Gammon, Ellen; Ams, David A
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- US-origin of sources
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000062759 and LA00000067505 contain Pu239/Be sources.

These containers have sufficient AK for radiological characterization. Additionally, these containers have an approved defense determination. Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000062759 – generated and closed June 18, 2013
- LA00000067505 – generated and closed June 19, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-017. Please contact me at 575-706-6707 if you have any questions or comments.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Earth and Environmental Sciences Division
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Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Tuesday, August 06, 2013 3:33 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Ams, David A; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers contain Pu-238 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D049). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000064586 – generated and closed August 10, 2010
- LA00000064589 – generated and closed August 10, 2010

These containers will be described in VE-BDR number LA13-OSR-VE-007. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Monday, August 26, 2013 10:13 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Ams, David A; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000065490 containsPu238 sources; container LA00000066724 contains Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000065490 – generated and closed June 6, 2013
- LA00000066724 – generated and closed June 6, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-016. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Monday, August 26, 2013 10:21 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000066719 contains Am241/Be/Cs137 sources; container LA00000067500 contains Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000066719 – generated and closed June 20, 2013
- LA00000067500 – generated and closed June 18, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-018. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Tuesday, September 03, 2013 8:56 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000061472 contains Pu238 sources; container LA00000065492 contains Am241 and Am241/Be/Cs137; container LA00000065493 contains Am241 and Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000061472 – generated and closed August 8, 2013
- LA00000065492 – generated and closed August 1, 2013
- LA00000065493 – generated and closed August 1, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-019. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations

Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/21/2013
Sent:	Tuesday, September 24, 2013 2:28 PM
To:	'Randy Fitzgerald'; Fitzgerald, Randy; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen; 'dkmccabe@hughes.net'
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000062756 contains Pu239/Be sources

This container also has sufficient AK for radiological characterization, and an approved defense determination (see source document C004). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000062756 – generated and closed August 29, 2013

This container will be described in VE-BDR number LA13-OSR-VE-020. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C004
Waste Stream Number(s): LA-OS-00-01.001, LA-OS-00-04 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Memos and Other Documentation Supporting Pu-239 Defense Relationship	
Source Document Reference Information (author(s), document and revision number, date, publisher): Various, TWCP-17036, NA, 07/08/2003	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR2, WS7	2, 4, 8-10, 14	Documents the decision by DOE General Counsel and EM that Pu-239 sealed sources meet the definition of defense waste as defined in the Nuclear Waste Policy Act (NWPA) and 1996 Nordhaus memo because all such sources were provided to lessees under loan-lease agreements, but AEC/DOE retained title and the Pu-239 in the sources is weapons-grade Pu manufactured at SRS or Hanford. DOE found that the sources "were the result of defense nuclear materials production, defense nuclear waste and materials by-product management, and defense nuclear materials security and safeguards and security investigations."
WS3	11	Estimated that over 400 Pu-239 sealed sources needed to be recovered by the OSR project.
PR4, WS3	13-14	LANL developed the Pu-239 neutron source in 1949 and manufactured and distributed about 60 sources to other AEC sites from 1950-1955. In 1956, Mound started manufacturing Pu-239 sources as part of AEC's Loan/Lease program for use in Naval reactors. About 2,400 Pu-239 neutron sources were manufactured at defense facilities by 1973. Pu-239 was never included in AEC's isotope sales program. Under the lease program, AEC was required to retain ownership of the sources, but ended the program in 1973 and required lessees to assume ownership; however, no ownership transfer paperwork exists. Many returned sources were returned to LANL and Hanford for Pu-239 recovery (about 700 at LANL alone by 1990 and an additional 480 by 2000). Approximately 1,320 of the original 2,400 were returned to DOE, but the rest remain in various locations, including about 410 at lessee sites. Sealed source production diverted small amounts of weapons-grade Pu from the SRS and Hanford Pu weapons production processes.
PR4, WS4	17-19	Pu-239 were produced by four manufacturers from 1950-1975, when production ended: LANL, Mound, Monsanto Research Corporation, and Nuclear Materials and Equipment Corporation (NUMEC). Monsanto and NUMEC, although commercial, made sources under contract with AEC. Mound/Monsanto and NUMEC were the largest manufacturers. During sealed source production, Mound primarily manufactured nuclear weapons parts; Monsanto made sources for the AEC and Naval Reactors; and NUMEC made fuel for Navy and FFTF/Hanford reactors. Sources were primarily used to study neutron activation, to calibrate neutron detectors in submarine reactor chambers, and to measure hydrogen.
PR4, WS4	20	DOE was to recover Pu-239 sealed sources "to safeguard and secure the nuclear materials within them," after NRC determined that safeguarding by licensees was not adequate in the post-September 11, 2001 climate.

CCP RECORDS ORIGINAL
DATE REC'D 5-1-12

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C004

Source Document Data Limitations (if any):

1. Applies only to Pu-239 sources.
2. Best Available Copy(s)
3. Some memos only mention Pu-239/Be sources.

Acceptable Knowlege Expert:

Christopher Chancellor Date: 03/06/2012

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] *Obtain from Acceptable Knowledge Documentation Checklist*
[c] For microfilm or microfiche, identify box, tape, reel number and location.

(C4)

RECORDS SUBMITTAL

P2010-0909

INSTRUCTIONS: This form is prepared by the record source when submitting individual records, batch data reports, or a records package to the RMDC Center. For records packages, a Table of Contents (TOC) must also be submitted. Each record submitted requires a complete form.

MANDATORY: ☒ To the best of my knowledge, the record(s) have no radioactive contamination.

Signature: _____

RECORD TYPE:

☐ Project 2010 ☐ Facility

☒ Other: QSR ☐ UCNI ☐ Proprietary

RECORD SOURCE:

Submittal Date: 9/8/2003 Z No.: 147549 Name: Jerry McAlpin

Originator: Jerry McAlpin Organization: RRES-CH

TYPE OF RECORD/ACTION TO BE TAKEN

☐ Individual Record ☐ Batch Data Report ☒ Records Package

☐ New ☒ Addition* ☐ Supersedes*

*Record Barcode Number: TWCP - 05461

RECORD ID NUMBER: (e.g., memo symbol number, procedure (include revision), deficiency number, batch data report number, unique record identifier if applicable):

Manufacturer's Data- Pkg-02

Record Date: 9/8/2003 Physical Page Count: 24 ☒ Single Sided ☐ Double Sided

Category Number: (from page two): 38

RECORD TITLE, SUBJECT, AND/OR KEYWORDS: P2010-0909

Defense Documentation - Pkg-01
Pu239 defense eligibility and Supporting documentation

MEDIA TYPE:

☐ CD ☐ Diskette ☐ VHS ☐ Zip ☐ Other (specify): _____

RECORD CENTER USE ONLY

☑ Accepted Date: 9-10-03 ☐ Return Date: _____

Signature: Carmen Velasquez Resubmitted: _____

RIDs Type: NP

(Subject to change prior to scheduled review cycle).

Project 2010 Information Release Form

This form is to be completed and submitted to Project 2010 with copies BEFORE you present or submit for release any technical work of the Project 2010. **Allow three days for review.** _____.	**Package for review must include:** Completed Information Release Form and Cover sheet for each submission 1 copy of submission
1. Author(s) name(s) Last First Middle Z # Group/Affiliation Whitworth J. 107833 NWO	2. Author(s) Signature & Date Julia Whitworth 11/4/04
3. Title of Article (in caps: spell out all symbols): MEMOS AND OTHER DOCUMENTATION SUPPORTING PU-239 DEFENSE RELATIONSHIP	
4. Type of Information: ☐ Real Time Radiography (RTR) batch reports and/or videotapes ☐ Headspace gas batch data reports ☐ Non-Destructive Assay (NDA) batch data reports, calibration reports, and/or isotopic reports ☐ Visual Examination, Prohibited Item Disposition (VE/PID) batch data reports and/or videotapes ✓ Acceptable Knowledge (AK) reports, radioisotope data, and/or source documents ☐ Other (**Must be PROJECT 2010, specific**)	5. Intended For: Public Release 6. Particulars: Central Characterization Project CCP Records Center, Carlsbad, NM.

7. Deadline Date	Z number, name and phone of contact for notification of release	Mail Stop
11/9/04	107833, Julia Whitworth, 699-3915	J552

8. Typed/Printed Name of Derivative Classifier	Signature and Date

__Classified (Go to Form 678)	__Unclassified	__Unclassified, Limited	Explain

9. P2010 Public Release Official	Signature and Date:
10. Typed/Printed Name of Responsible Author/Requestor Julia Whitworth	Signature and Date: Julia Whitworth 11/4/04
11. RRES/CE Group Leader (Acting): Matt Riggs	Signature and Date:

P2010-

Approved for public release.

Title:	Memos and Other Documentation Supporting Pu-239 Defense Relationship
Author(s):	**J. McAlpin**
Submitted to:	**Central Characterization Project Subject for Public Release**

P2010-0909

EM2003-01694

US Department of Energy
Office of Environmental Management
Correspondence Control Ticket

Correspondence From:		Correspondence To:	
Person	**Org**	**Person**	**Org**
ROBERSON, JESSE H.	EM-1	MAGWOOD, WILLIAM D.	NE-1
		TRIAY, INES	CAO

Assigned By: Atkins, Donna EM-22
Assigned To: Campbell, Robert A. EM-22

As'gn Date: 06/25/2003
Doc't Date:
Due Date: 07/31/2003
EST-123 Date:
To ES Date:
Comp Date: 07/08/2003

Commit No: EM2003-01694
E.S. No:

STATUS
CLOSED

Document Type: Memorandum
Action Type: Action

Subject: Defense Wate Determination for Plutonium-239 Sources

External Concurrences Required
By:
From:

Special Instructions: This package created to replace EM2002-03322 with changes per Jessie's Direction.

Comments: 7/9 Dispatched via pouch mail only (1 ces)

Date	Commentor	Comment
07/08/2003	BYNUMM	RCVD IN EMCC; EM-1/ROBERSON /S/; DATED; ORIGINAL PKG RETURNED TO EM-20 FOR DISPATCH (NO LABELS PROVDED). CLOSED IN EM FILES.
07/08/2003	HARRODD	To EMCC for dispatch--EM1/Roberson signed memo
07/07/2003	FRYER	Rec'd in EMCC; original pkg fwd to EM-1/Wnukoski to get EM/Roberson signature
07/07/2003	BROWNPP	To EM-1/Wnukoski to obtain EM-1/Roberson signature
07/07/2003	FRYER	Rec'd in EMCC; corrections made in EM-20; original pkg fwd to EM-7.1/PPBROWN for further processing
07/03/2003	HARRISS	Recvd in EMCC, package returned to EM-20 for revisions per EM1/Roberson, 7/3 (SRH)
06/25/2003	HARRODD	To EM-1/Wnukoski to obtain EM-1/Roberson signature
06/25/2003	BYNUMM	RCVD IN EMCC; EM-20 MADE CORRECTIONA; PKG FORWARDED TO EM-7.1/HARROD FOR FURTHER PROCESSING.
06/25/2003	HARRISS	Recvd in EMCC, package returned to EM-20 for revisions per EM7/Harrod's markups, 6/25 (SRH)
06/25/2003	HARRODD	To EMCC for EM20 with changes as noted within
06/25/2003	HARRISS	Recvd in EMCC, /c/Guevara for Bubar, package forward to EM-7/Harrod for further processing, 6/25 (SRH)
06/25/2003	ATKINSD	Pkg prepared conc'd by Guevara; w/Nielson for further processing.

& 2 ces

DOE F 1325.8
(8-89)
EFG (07-90)

United States Government **Department of Energy**

Memorandum

DATE: July 8, 2003

REPLY TO ATTN OF: EM-22 (Robert Campbell, 678-567-0336)

SUBJECT: Plutonium-239 Sealed Sources

TO: Dr. Inés Triay, Manager, Carlsbad Field Office

The Albuquerque Operations Office requested that the Office of Environmental Management (EM) review and make a determination regarding the eligibility for disposal at the Waste Isolation Pilot Plant (WIPP) of plutonium-239 (Pu-239) sources. The history of the production and use of these sources and other information has been reviewed by the Office of General Counsel (GC) pursuant to the guidance concerning atomic energy defense activities and the requirements of the Waste Isolation Pilot Plant Land Withdrawal Act. This review was undertaken in order to support the accelerated recovery of Pu-239 sources by the Off-Site Source Recovery Program at the Los Alamos National Laboratory.

This review revealed the following about these sealed sources:

- All Pu-239 sources were provided to lessees under loan-lease agreements. The Atomic Energy Commission and its successor, the Department of Energy (DOE), retained title to these sources, and the loan-lease agreements prohibited the user from altering the form of the material, specifically so this material could be recalled for use in weapons programs.
- Pu-239 has never been sold under the DOE's Isotope Sales Program.
- The Pu-239 in these sources is weapons-grade plutonium manufactured at either the Savannah River Site or Hanford. All of the Pu-239 was manufactured for weapons production.
- Of the 2,400 Pu-239 sources manufactured, about 1,320 were returned to the DOE and the plutonium was recovered and returned to plutonium stockpiles.
- The Pu-239 sources, as a group, are waste from defense activities as defined in the Nuclear Waste Policy Act (NWPA) because they were the result of defense nuclear materials production, defense nuclear waste and materials by-product management, and defense nuclear materials security and safeguards and security investigations.

The result of this review is that EM and GC have concluded plutonium-239 sealed sources meet the definition of defense waste as defined in the NWPA and described in the September 9, 1996, memorandum by Robert R. Nordhaus, *Interpretation of the Term 'Atomic Energy Defense Activities' As Used In the Waste Isolation Pilot Plant Land Withdrawal Act.* This determination is limited to Pu-239 sealed sources.

If you have any questions about this determination, please contact Ms. Patrice M. Bubar, Associate Deputy Assistant Secretary, Office of Integration and Dispost on at (202) 586-5151, or Mr. Paul Detwiler, Office of General Counsel at (202) 586-1371.

Jessie Hill Roberson
Assistant Secretary for
Environmental Management

cc: Jack Tillman, DOE-AL
Ralph Erickson, DOE-OLASO

DOE F 1325.8
(8-89)
EFG (07-90)

United States Government **Department of Energy**

Memorandum

DATE: July 8, 2003

REPLY TO ATTN OF: EM-22 (Robert Campbell, 678-567-0336)

SUBJECT: Plutonium-239 Sealed Sources

TO: William D. Magwood IV, Director, Office of Nuclear Energy, Science, and Technology

The Office of Environmental Management (EM) is currently responsible for the Off-Site Source Recovery Program (OSRP). This program recovers excess and unwanted sealed sources in the possession of non-Department of Energy (DOE) facilities and provides storage and where available, disposal. The main driver for the recovery of these sources is homeland security to prevent these excess sources from being used in radiological dispersion devices (RDD), or "dirty bombs."

The OSRP has identified a group of several hundred plutonium-239/beryllium neutron sources that require recovery. These sources were manufactured in the 1950s through the 1970s, and were distributed by the Atomic Energy Commission under the loan-lease program. In order to recover these sources and stage them at the Los Alamos National Laboratory, a disposal path had to be found due to the limited space available that could provide appropriate security. EM has worked with the Office of General Counsel and has determined that the plutonium-239/beryllium sources resulted from atomic energy defense activities and can be disposed of at the Waste Isolation Pilot Plant (WIPP).

Since the Office of Nuclear Energy, Science, and Technology is responsible for the DOE's loan-lease programs, I want to notify you that EM can dispose of these sources at WIPP if they are determined to be excess.

If you have any questions about the OSRP, or the defense waste determination, please contact Ms. Patrice Bubar, Associate Deputy Assistant Secretary, Office of Integration and Disposition at (202) 586-5151, or Mr. Paul Detwiler, Office of General Counsel at (202) 586-1371.

Jessie Hill Roberson
Assistant Secretary for
Environmental Management

cc: David Crawford, SO-62

Subject: Plutonium-239 Sealed Sources

Record Notes:

1. This document takes the action required to respond to EM2003-

BCC:

EM-20 Reader File (Bubar) (w/incoming)
EM Mailroom (w/incoming)

Provide to Bubar

EM-22 Distribution:
EM-22 Reader File
[*Robert Campbell*], EM-22
EM-22 Chron
EM-22 File # _____

EM-22:da:06/24/03:x37174
Computer File Name: defdetcao6-24-03
Magwood6-24-03

Correspondence Reviewer:

Guevara KG Atkins _____

Nielson _____

Note: GC concurrence contained in EM2002-3322. See background memo from GC-10

CONCURRENCES	
RTG. SYMBOL	EM-22
INITIAL/SIG.	R. Campbell RC
DATE	/ /03
RTG. SYMBOL	EM-20
INITIAL/SIG.	KG Bubar
DATE	6 24 /03
RTG. SYMBOL	EM-7.1
INITIAL/SIG.	Shahadi w/Changes + comments
DATE	6 25 /03
RTG. SYMBOL	
INITIAL/SIG.	
DATE	/ /03
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OFFICIAL FILE COPY

INFORMAL NOTE

DATE: June 25, 2003

TO: Jessie Hill Roberson, EM-1

FROM: Patty Bubar, EM-20 Karen Guevara

SUBJECT: Defense Waste Determination for Plutonium-239 Sources

The Office of General Counsel recently approved the defense waste determination for plutonium-239/beryllium neutron sources (see background). To complete this action, I have requested that my staff prepare two memoranda for your signature.

The first is a memorandum to Inez Triay, Manager of the Carlsbad Field Office. This memorandum simply provides a formal notification to the Carlsbad Field Office of the determination.

The second memorandum is to William Magwood, Director of the Office of Nuclear Energy, Science, and Technology (NE). This memorandum informs NE about the Off-site Source Recovery Program plans to recover and dispose of these sources at the Waste Isolation Pilot Plant.

If you have any questions, please contact me or Karen Guevara at (301) 903-3339.

Attachment

United States Department of Energy
Office of the General Counsel (GC-1)

FACSIMILE TRANSMISSION FORM

Facsimile from: **R.P. DETWILER**
Forrestal Building, Room 6A-245
1000 Independence Avenue, SW
Washington, DC 20585

Phone: 202-586-1371
Facsimile: 202-586-1499

To: Phil Altomare, Michelle Reynolds and Joel Grimm

Facsimile number(s): 3-1431; 505-845-6913; 505-284-7298

Date: June 5, 2003

Pages: 18 (including cover page)

Message: The defense determination for the Pu-239 sealed sources.

This facsimile is intended only for the use of the recipient(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient (or a person responsible for delivering this to the intended recipient), you are hereby notified that any disclosure, distribution or copying of this information is strictly prohibited. If you have received this facsimile in error, please notify Judith Quinn immediately at 202-586-6732 and return the facsimile to her at the address shown above via the United States Postal Service. Thank you.

Department of Energy
Washington, DC 20585

June 4, 2003

MEMORANDUM FOR JESSIE ROBERSON
ASSISTANT SECRETARY FOR
ENVIRONMENTAL MANAGEMENT

FROM: LEE LIBERMAN OTIS
GENERAL COUNSEL

SUBJECT: Plutonium-239 Sealed Sources

Based on the information provided to me by the Office of Environmental Management and NNSA, I have concluded that the sealed sources containing plutonium-239 that were provided to users under loan-lease agreements are waste from an atomic energy defense activity and therefore can be sent to WIPP if they meet the repository's other criteria for disposal. My conclusion is based primarily on the fact that the plutonium in these sources was produced for use in nuclear weapons, and therefore, under section 2(3) of the Nuclear Waste Policy Act, 42 U.S.C. 10101(3), and section 2(19) of the WIPP Land Withdrawal Act, Pub. L. 102-579, the sources were generated by an "atomic energy defense activity," i.e., an "activity of the Secretary performed in whole or in part in carrying out . . . (D) defense nuclear materials production." The fact that DOE retained title to these sources in order to have the option of recalling them for defense purposes reinforces my conclusion in this regard.

Department of Energy
Washington, DC 20585

May 27, 2003

MEMORANDUM FOR LEE LIBERMAN OTIS
GENERAL COUNSEL

FROM: JESSIE HILL ROBERSON
ASSISTANT SECRETARY FOR
ENVIRONMENTAL MANAGEMENT

SUBJECT: Plutonium-239 Sealed Sources

The Albuquerque Operations Office requested that the Office of Environmental Management (EM) review and make a determination regarding the eligibility for disposal at the Waste Isolation Pilot Plant (WIPP) of sealed sources containing plutonium-239 (Pu-239). Information regarding the manufacture, ownership, and use of these sources has been reviewed by staff in the Office of the General Counsel and EM pursuant to the guidance concerning atomic energy defense activities and the requirements of the Waste Isolation Pilot Plant Land Withdrawal Act. This review was requested to determine whether these sources can be disposed of at WIPP, which would allow the accelerated recovery of Pu-239 sources by the Off-Site Source Recovery Program at the Los Alamos National Laboratory. The attachments to this memorandum summarize the information EM and National Nuclear Security Administration have collected regarding these sources.

This review revealed the following information concerning these sealed sources:

- The Pu-239 used in these sources was manufactured for use in nuclear weapons. The plutonium in these sources is weapons-grade material manufactured at either the Savannah River Site or Hanford.

- These sources were provided to users under loan-lease agreements. The Atomic Energy Commission and its successors (Energy, Research, and Development Administration and the Department of Energy) retained title to these sources, and the loan lease agreements prohibited users from altering the material within the sources so that it could be recalled for use in defense programs.

- Pu-239 has never been sold under the Department's Isotope Sales Program.

- Of the 2,400 Pu-239 sources manufactured, about 1,320 were returned to the Department, and the plutonium was recovered and returned to plutonium stockpiles.

Printed with soy ink on recycled paper

- It appears that these sources qualify as waste from atomic energy defense activities as defined in the Nuclear Waste Policy Act because they are the result of activities constituting defense nuclear materials production, defense nuclear waste and materials by-product management, and defense nuclear materials security and safeguards.

I am seeking your views on this question. As you are aware, Paul Detwiler of your staff has worked with EM on this matter.

If you have any further questions, please call me at (202) 586-7709 or Ms. Patrice M. Bubar, Associate Deputy Assistant Secretary, Office of Integration and Disposition, at (202) 586-5151.

Attachment

cc: J. Tillman, DOE-AL
R. Erickson, DOE-OLASO

United States Government Department of Energy

memorandum

Albuquerque Operations Office

DATE: October 15, 2002

REPLY TO: WMD

SUBJECT: Disposition of Plutonium-239 Sealed Sources and Related Materials -- Offsite Source Recovery Project

TO: Ambassador Linton F. Brooks, Acting Administrator, National Nuclear Security Administration, NA-1, HQ
Ms. Jessie H. Roberson, Assistant Secretary for Environmental Management, EM-1, HQ

Attached is the letter to John A. Gordon, dated July 1, 2002, in which the Department of Energy (DOE), Albuquerque Operations Office (AL) indicated concerns about the Offsite Source Recovery (OSR) Project and the importance of NNSA support for this activity. There is now a pressing issue requiring NNSA and EM coordination. The OSR Project database indicates over 400 sealed sources containing plutonium-239 will require management by the project in the next few years. All these sources are DOE-owned. While most were part of the former Atomic Energy Commission's special nuclear material loan/lease program, some are also found at DOE sites. Over 200 of them were declared excess, have no programmatic need, and require recovery within the next 18 months.

Although the project has recovered over 4,000 non-plutonium-239 sources since fiscal year 1999, we have been allowed to recover and store only three plutonium-239 sources in the past two years. Two issues are barriers to plutonium source recovery, and will continue to have serious impacts upon our program's success: (1) termination of safeguards requirements to allow disposal as waste, and (2) establishing their defense pedigree to enable disposal at Waste Isolation Pilot Project (WIPP).

Attached are two issue papers with recommendations for resolving these issues. They have been coordinated with the staff of Los Alamos National Laboratory (LANL), Headquarters, AL, and WIPP. In summary, DOE's materials control and accountability requirements provide a method to terminate safeguards requirements on limited quantities of plutonium-239 sources and dispose of them as waste. In addition, we believe the plutonium-239 sources meet the definition of radioactive waste generated from atomic energy defense activities and may be disposed of at WIPP. The attached decision papers document the findings, propose a path forward for resolving the issues to begin recovering the plutonium-239 sources and disposing of them at WIPP.

Despite establishing a disposition path for plutonium-239 sealed sources, thousands of additional excess sealed sources containing other isotopes have no disposition path. Many are at DOE sites, and this project will recover several thousand for storage at LANL. To avoid creating an undesirable legacy for the future, your leadership is crucial to establishing disposal capability for this waste.

DOE/AL requests you review and concur with the recommendations that safeguards requirements should be terminated on the plutonium-239 materials involved, and that they should be disposed of as radioactive waste generated from atomic energy defense activites. The results of your concurrence will be a subsequent formal submittal requesting termination of safeguards requirements for these materials, and disposal at WIPP. If you have any questions about this request for action please call me at (505) 845-6050 or Jack Tillman at (505) 845-6210.

/signed/
W. John Arthur, III
Manager

Concurrence:

Ms. Jessie H. Roberson, EM-1, HQ Date

Ambassador Linton F. Brooks, NA-1, HQ Date

Attachments

cc w/attachments:
E. Beckner, NA-10, HQ
M. Daugherty, EM-5, HQ
J. Mahaley, SO-1, HQ
J. Todd, NA-3.3, HQ
G. Rudy, NA-50, HQ
P. Bubar, EM-20, HQ
J. Tillman, OEST, AL
R. Erickson, OLASO
J. Orban, WMD, AL
J. Grimm, WMD, AL
J. Brown, DO, LANL
B. Ramsey, RRES, J591, LANL
L. Leonard, RRES, J552, LAN

Relationship of Plutonium-239 Neutron Sources to Atomic Energy Defense Activities
Offsite Source Recovery Project
Albuquerque Operations Office

This decision paper provides background and historical information establishing that plutonium-239 radioactive sealed sources were manufactured from material produced for nuclear weapons production and, therefore, should be disposed at the Waste Isolation Pilot Plant (WIPP) as defense waste from atomic energy defense activities.

Background

Los Alamos National Laboratory (LANL) developed the plutonium-239 neutron source in 1949 to support weapons design and research activities. Between 1950 and 1955, LANL manufactured approximately 60 sources and distributed them to other Atomic Energy Commission (AEC) defense laboratories for research purposes. In 1956, AEC's Mound Plant began manufacturing and distributing plutonium-239 (Ref. 1) sources as part of the AEC's special nuclear material (SNM) Loan/Lease program, and for use in calibration and operations of Naval reactors. Through 1973, approximately 2,400 neutron sources were manufactured at defense facilities (Refs. 1, 2, 3, 4) and distributed under the program. All of the loan/lease plutonium-239 neutron sources retain a legacy of AEC/Department of Energy (DOE) ownership. The AEC also distributed other radioactive isotopes through sales to industry, academia and commerce, but plutonium-239 was never included in the isotope sales program.

The loan/lease agreements required that AEC retain ownership of the plutonium-239 contained in the sources, in that "... the material shall, except as the AEC may otherwise specifically authorize, be returned to the AEC" (Ref. 5, 6). This ensured that additional strategic material would be available when needed for defense production purposes. In 1973, the AEC announced that the SNM Loan/Lease Program would be discontinued, requiring plutonium-239 source lessees to assume ownership of the sources or return them to the AEC (Ref. 7). Within the next two years, the first plutonium-239 sources were returned to the AEC Hanford scrap recovery facility. Although some title transfer documents might have been executed, neither AEC nor its successor agencies (ERDA and DOE) have records of ownership transfer.

Among the first plutonium sources returned to the DOE, 146 were disposed of at the Hanford plant radioactive waste disposal facility. In approximately 1980, LANL assumed the source recovery activity and set up a sealed source processing glovebox line. The recovery work was completed using Office of Defense Programs (DP) funding in the TA-55 plutonium facility. LANL recovered the plutonium-239 by destroying each source and chemically separating plutonium from beryllium. By 1990, LANL had processed nearly 700 plutonium-239 sources and placed the material in inventory.

In the late 1980s, DP decided that plutonium-239 should be recovered only from sources containing more than the Economic Discard Limit (EDL) (32 grams), but sources with less than the EDL should be discarded. In 1990, LANL's TA-55 recovery line was shut down because of a lack of sources to process. However, lacking a suitable disposal site, DP resumed source processing in 1992. Between 1992 and 2000, LANL recovered approximately 480 additional sources, including both loan/lease and Naval reactors sources. The resulting low-grade plutonium residues remain in storage at LANL. They are excess to the defense production complex needs. In 1999, programmatic responsibility for plutonium-239 sources was transferred to the Office of Environmental Management (EM). LANL stores 11 plutonium-239 sources as defense TRU waste from Naval Reactors. Approximately 80 unprocessed plutonium-239 sources remain stored at TA-55.

Of the 2,400 sources originally distributed by AEC, approximately 1,320 were returned. After a small number were disposed of at Hanford, the remaining plutonium-239 was recovered for defense programs. Those sealed sources remaining include:

- 11 Naval Reactor sources at LANL, packaged and awaiting shipment to WIPP
- 80 in LANL's TA-55 vault awaiting a disposition path
- 408 held by loan/lease custodians who have requested DOE recovery
- 75 at DOE sites
- Approximately 155 in foreign countries (further research required)
- Up to 350 sources are not accounted for here, and presumably are in use.

Discussion

To establish a disposition path for the plutonium-239 sources remaining to be recovered, the OSR Project proposes to manage the sources as radioactive waste derived from atomic energy defense activities. DOE's General Counsel has provided guidance for determining if waste is derived from atomic energy defense activities (according to the WIPP Land Withdrawal Act, PL 102-579). The background and history of these sealed sources correlates to the following three questions provided by the guidance:

Where did the radioactive materials become radioactive?

The enriched, weapons-grade plutonium-239 (Ref 1; section 39.2.13.1) used to manufacture radioactive sealed sources for the AEC Loan/Lease Program was produced at the AEC Savannah River and Hanford defense production reactors.

What was the purpose of the process that generated the waste?

The AEC Savannah River and Hanford plutonium production facilities made plutonium-239 for the sole purpose of weapons production (Ref. 8). Sealed source production used a very small volume of weapons-grade plutonium redirected from the weapons production process. Some of the sources were loaned and leased; others were used in Naval Reactor operations. In the final step, the DOE recovers all of these sealed sources when they become excess.

At what point in the process was the waste generated?

The lessee returns excess and unwanted sealed sources to the DOE, or Naval Reactor programs returns the sources to LANL from decommissioned nuclear powered warships. DOE examines options for reuse/recycle, determines that the sealed sources contain material in excess of defense program needs, should be discarded, and terminates safeguards requirements.

Conclusions

Documentation indicates that all of the plutonium-239 sources remain under DOE ownership, or are returned to DOE from Naval Reactor programs. Therefore they require disposal by the federal government because they are radioactive waste owned or generated by "the Department of Energy" (PL-99-240, Sec 3 (b)(1) (A)) or by "the United States Navy as a result of decommissioning of vessels owned by the United States Navy" (PL-99-240, Sec 3 (b)(1) (B)). The history and background for plutonium-239 sealed sources indicates they are radioactive waste derived from atomic energy defense activities, and are suitable for disposal at WIPP

Recommendation

DOE's Office of Environmental Management should concur that plutonium-239 sealed sources should be managed as transuranic waste resulting from atomic energy defense activities. When eligible for discard, they should be disposed of at WIPP.

References

1. DOE, in prep, A History of the Department of Energy Mound Laboratory, Miamisburg, Ohio: Draft, provided to the OSR Project July 2002. Establishes that Mound procured metallic weapons grade plutonium for sealed source manufacture.

   This report does not say Savannah River was the only source. However, that has been reported in personal communications with Mound staff.

2. Brookings Institute, 1999, U.S. Nuclear weapons research, development testing, and production, and naval reactors propulsion facilities: from the Internet. Establishes that 2 of 3 plutonium sealed source fabrication activities, the Mound Laboratory, Ohio and NUMEC, of Apollo, Pennsylvania, were part of larger defense programs and naval reactors programs. http://www.brook.edu/FP/PROJECTS/NUCWCOST/SITES.HTM#ENDNOTE19

3. DOE, 1997, Linking Legacies: DOE/EM-0319. Summarizes the defense programs mission of the Mound Laboratory.

4. Monsanto Company, 2002, Company timeline and history: from the internet. http://www.monsanto.com/monsanto/layout/about_us/timeline/default.asp. Establishes that the third plutonium sealed source fabrication site, Monsanto Research Corporation, Dayton, Ohio, was a defense programs contractor involved in weapons research for the Manhattan Project.

5. NUMEC, 1962, Plutonium-beryllium neutron sources general description and price list: unpublished company report. Establishes that conditions of loan/lease agreement included continued AEC ownership of the material in NUMEC sources, and AEC's requirement that it be returned upon demand.

6. U.C. Santa Cruz, 1967, Plutonium source loan/lease documentation: Establishes that conditions of loan/lease agreement included continued AEC ownership of the material, and AEC's requirement that it be returned upon demand.

7. AEC, 1973, Generic letter announcing end of plutonium-239 loan/lease program. Establishes that the AEC ended plutonium loan/lease arrangements in 1973. Instructed return of material to the AEC, or acceptance of grants of the material from the government.

8. DOE, 1996, Plutonium: the first 50 years: U.S. Department of Energy, DOE/DP-0137, 82 p. Establishes that AEC and DOE made weapons-grade and non-weapons grade plutonium, and that non-weapons grade was blended up with "super" grade plutonium to maximize weapons component production.

   Personal communications with AL staff have elaborated on this concept. AEC and DOE did not have a reason to manufacture non-weapons grade plutonium (less than 93% Pu-239). Rather, it is a natural byproduct of defense reactors operations. The Hanford plant only made substantial quantities of non-weapons grade plutonium in the N-reactor. The purpose was not to make non-weapons grade plutonium, but rather to make steam to generate electricity. For efficiency's sake, this required running the reactor for longer than the optimum period of time for plutonium-239 production. At least some of this low-quality plutonium was later blended up with "super" grade (greater than 97% Pu239) from Savannah River to make weapons components anyway. The conclusion is that weapons production is the only purpose for plutonium production. Additionally, this is all irrelevant if we could establish sealed sources only used Savannah River material.

Attachment 2

Pu-239 Defense Determination
Supplemental Analysis

The Albuquerque Operations Office (AL) has submitted a proposal that all plutonium-239 (Pu-239) sources are defense waste that can be disposed of at the Waste Isolation Pilot Plant (WIPP). The proposal is contained in a memorandum dated October 15, 2002. This analysis provides some additional detail regarding the information AL provided and addresses some information which has been updated since AL submitted its proposal.

Inventory: Based on the research done by AL, approximately 2400 Pu-239 sources were manufactured. The current status of these sources is as follows (all numbers are approximate):

- 1320 were returned and the plutonium recovered and returned to defense inventory.
- 91 sources are in storage at the Los Alamos National Laboratory
- 75 sources are in storage or in use at other Department of Energy sites.
- 420 are held by loan-lease custodians who have requested DOE recovery.
- 220 are held by loan-lease custodians who desire to retain their sources at this time.
- 155 are in foreign countries
- 119 are unaccounted for and presumed to be in use by custodians.

It should be noted that the above numbers will change over time. More unaccounted for sources may be located over time, and sources in use may become excess.

Manufacture of Plutonium-239 Sources: There were four producers of Pu-239 sources from about 1950 through 1975, when manufacturing ceased. The manufacturers were the Los Alamos National Laboratory (LANL), the Mound Plant, the Monsanto Research Corporation, and Nuclear Materials and Equipment Corporation (NUMEC). The Atomic Energy Commission (AEC) oversaw this process, and was both a manufacturer of sources (at LANL and Mound) and a regulator and contract manager of commercial manufacturers (Monsanto and NUMEC). The sources made at Monsanto and NUMEC were built under contract with the AEC.

These sources were manufactured for a variety of purposes, and then distributed by the AEC under a loan-lease program in which the AEC retained title to the sources and the materials in them.

1. Los Alamos: LANL made a total of 60 sources. Most were fabricated from 1950 through 1957 (a single source was manufactured in 1970, and there are 21 LANL sources with no known manufacture date). During this time period, LANL was primarily a nuclear weapons laboratory.

2. Mound: Mound manufactured 1,215 sources. It fabricated sources from 1956 to 1971, with a significant portion of the total built between 1960 and 1963. During this time period, Mound primarily manufactured nuclear weapons parts. Mound produced non-nuclear components of

nuclear weapons (detonators, timers, cable assemblies, and pyrotechnic devices). It also developed tritium reservoirs for nuclear weapons.

3. Monsanto Research Corporation: This facility made a total of 451 sources from 1961 to 1972. Monsanto moved the source fabrication equipment from Mound to the Dayton Laboratories in 1965. It fabricated these sources under contract to the AEC. The Dayton Laboratory was a Manhattan Project site, and was the original facility for the operations that later were transferred to the Mound Plant. Monsanto's activities included manufacturing sources for the AEC and Naval Reactors. The manufacture of these sources was for the same purposes as the sources manufactured by Mound and LANL – the work was simply contracted out presumably due to capacity limitations at Mound. The manufacture of these sources was under contract to the AEC. During this time, Monsanto also operated the Mound site for the AEC.

4. Nuclear Materials and Equipment Corporation (NUMEC): NUMEC fabricated sources between 1961 and 1974 and made a total of 681 of them (the manufacture date of 49 sources made at this facility is not known). The NUMEC facility in Apollo, Pennsylvania, converted uranium hexafluoride to Naval Reactors fuel, manufactured plutonium fuel rod elements for the Fast Flux Test Facility reactor at Hanford, and manufactured these Pu-239 sources. The manufacture of these sources was for the same purposes as the sources manufactured by Mound and LANL, the work was simply contracted out, presumably due to a lack of capacity at Mound. The manufacture of these sources was under contract to the AEC. NUMEC was primarily engaged in AEC contract work making fuel for the Navy and the Fast Flux Test Facility at Hanford.

Uses of Pu-239 sources: The following are examples of the various applications in which these neutron sources were used. These applications evolved over a period spanning about 25 years (the period of greatest use for Pu-239 sources was 1949-1975). The Pu-239 source was developed at Los Alamos in the later 1940's to support weapons research. Since the 1970's, other applications have emerged for neutron sources using isotopes other than Pu-239, but the ones listed below are probably the most common applications of the Pu-239 sources.

1. The main use of these sources was and probably still is in materials research. Materials are bombarded with neutrons to determine the behavior of matter on a molecular and atomic level. Neutron generators have supported scientific research on every imaginable type and use of materials, including materials used in nuclear weapons research and other defense applications. These were also used as a training aid to nuclear engineers and scientists on the behavior of neutrons and material interactions. Pu-239 sources provided a portable experimental device to study neutron activations in a research setting.

2. Another early use of neutron sources was as a tool to support the design and development of neutron detectors, which were necessary to control the power level of nuclear reactors. They were also used to calibrate those detectors. A Pu-239 source was supplied to each nuclear submarine to calibrate the neutron detectors in the reactor chamber prior to each reactor start up.

These sources were also as a pulse source of neutrons to stimulate fission in the start-up process of nuclear reactors.

3. Because of the neutron absorption characteristics in hydrogenous materials, neutron sources quickly found an application in measuring hydrogen in situ. The most common use that evolved from this characteristic was subsurface detection of oil, gas, and coal deposits, a technique commonly known as neutron logging.

Department of Energy (DOE) Ownership: All of the Pu-239 sources in the inventory are owned by DOE. The sources were provided to licensees under loan-lease agreements. No exceptions have been found in the course of researching the history of these sources of any Pu-239 sources being provided under any other mechanism. On January 30, 1973, the Atomic Energy Commission, through the Richland Operations Office, published a notice in the Federal Register entitled: "Lessees Possessing Government-Owned Plutonium Held Pursuant to a Lease Agreement and Valued at Less Than $5000." 37 Fed. Reg. 549 (Jan. 13, 1972). This notice stated that the AEC was discontinuing its lease of small quantities of special nuclear material, a defined amount valued at less than $5000. The notice was sent to all lease holders of Pu-239 sources. The notice stated that the lease holder was required to do one of two things: turn their source in or purchase it by June 30, 1973. The notice goes on to say that if the lessee was going to purchase the source, an "Order and Bill of Sale - Plutonium Off Lease" would be provided. It further states that if the lessee wished to return its source that it would receive shipping instructions from the Mound Laboratory.

Records indicate that between 1973 and 1975, about 146 sources were returned to the Hanford Site. There are no records of any lessee purchasing a source or receiving an "Order and Bill of Sale-Plutonium Off Lease." The program for accepting plutonium-239 sources was relocated to the Los Alamos National Laboratory in the early 1980s. When recovery began again, most lessees produced their loan-lease contracts. None produced any record of having purchased the source. To date, most of the lessees with excess or unwanted plutonium sources have the loan-lease contract; none have produced a title or other evidence of having purchased their sources. No records of lessees having purchased or received transfers of title have been found at Los Alamos, Hanford, Mound, or Savannah River.

Therefore, it appears that, while the AEC at one time intended that any lessee keeping its source would purchase it and receive title to it, no lessees actually purchased their sources either because none of them chose to do so or because the AEC did not pursue the purchase option to conclusion with any lessee. Because the sources were under loan-lease agreements and continued to be owned by DOE, the sources are returned as material. Once the sources are returned to DOE, the Department decides whether they contain useful material or should be treated as waste.

Atomic Energy Defense Activities: The Nuclear Waste Policy Act of 1982 defines "atomic energy defense activities" as any activity performed by the Secretary of Energy, in whole or in

part, in carrying out the following functions:

(A) naval reactors development;
(B) weapons activities including defense inertial confinement fusion;
(C) verification and control technology;
(D) defense nuclear material production;
(E) defense nuclear waste and materials by-products management;
(F) defense nuclear materials security and safeguards and security investigations; and
(G) defense research and development.

42 U.S.C. 10101(3). The plutonium-239 used in these sealed sources was not produced for the purpose of making sealed sources. It was produced and enriched to be used in nuclear weapons. Some of this weapons grade plutonium was then used to make the sealed sources in question. Therefore, the plutonium-239 sources are the result of the activity set out in item (D) of section 10101(3) of the Nuclear Waste Policy Act's definition of atomic energy defense activities – defense nuclear materials production.

The plutonium-239 sources were made available for a variety of uses, but all under loan-lease agreements that prohibited the user from altering the form of the material so that the AEC could recall the material for use in weapons programs if needed. Of the 2400 sources that were manufactured, 1320 sources have been returned, the plutonium recovered and placed in defense inventory. As a result recovery of the plutonium sources may also constitute defense nuclear waste and materials by-products management (Item E).

The primary reason for DOE to recover these sources is to safeguard and secure the defense nuclear materials within them. Reviews of the security of this defense material in the aftermath of September 11, 2001, determined that the safeguarding of this defense material by licensees is not adequate, and the Chairman of the Nuclear Regulatory Commission requested DOE to accelerate the recovery of these sources. In addition, Congress made an additional $10 million available in supplemental FY 2002 funding to accelerate the recovery of sources. These activities by the DOE further national security, homeland security, and provide increased safeguards and security for these sources. Therefore, recovery of these sources may also constitute an activity under item (F), defense nuclear materials security and safeguards.

Sources from DOE Defense Facilities and the Office of Naval Reactors: Pu-239 sources coming from defense sites such as Rocky Flats, and from the Naval Reactors program have already been determined to be acceptable for disposal at the Waste Isolation Pilot Plant (WIPP). While these sources are included in the overall inventories of plutonium-239 sources discussed in this document, the Carlsbad Field Office has already determined that sources from Naval Reactors and DOE defense facilities are eligible for disposal at WIPP. The Off-Site Source Recovery Program has a waste certification program for these sources that has been audited by the Carlsbad Field Office. Two drums have been shipped from LANL to WIPP on May 6, 2003. Approximately 11 additional drums are being prepared and undergoing testing.

08/05/03 THU 17:52 FAX OGC 1 015

Attachment 3. Listing of Transuranic (TRU) Material for Which A Defense Decision Has Not Been Made

Material	DOE Site(s)	Quantity	Status
TRU Waste not currently designated as defense waste:			
Stored and projected TRU waste (SQS)	West Valley	479 m3 RHTRU 93 m3 CHTRU	TRU waste awaiting determination
Projected TRU waste from D&D (SQS)	General Electric-Vallecitos Nuclear Center	11.8 m3 RHTRU 20 m3 CHTRU	TRU waste awaiting determination; possible Hanford contract obligation to take waste
Stored and projected TRU waste (SQS)	Lawrence Berkeley	2.2 m3 CHTRU	TRU waste awaiting determination
Stored TRU waste	Los Alamos	27 m3 CHTRU	Currently being managed as non-defense TRU waste
Stored TRU waste	Idaho	26 m3 CHTRU	Currently being managed as non-defense TRU waste
Stored TRU waste (SQS)	B&W - Nuclear Energy Services	18.1 m3 reported as CHTRU, but likely RHTRU	Currently being managed as commercial GTCC waste
Stored TRU waste	Framatome-Siemans at Hanford	37 drums (55 gallon) 7.4 m3 CHTRU	No determination regarding DOE obligations concerning this waste has been made
Other materials not declared waste			
Plutonium-239/ Beryllium neutron sealed sources*	Los Alamos (storage of sources recovered from commercial NRC licensees through the Offsite Source Recovery Program (OSRP))	200 drums (55gallon) with up to 945 sources thru year 2010 per manufacturer's records (only about 400 sources currently registered on OSRP database) 40 m3 CHTRU	Currently being managed as DOE-owned sources by colleges, universities, and other locations. These sources are all DOE owned under loan-lease programs. (These sources are unique in their production and use; if these can be disposed of at WIPP, it would address OSRP storage limitations.
* DOE Albuquerque has requested a defense determination for these Pu-239 sources based on their unique pedigree.			

06/05/03 THU 17:52 FAX OGC 1 016

Attachment 3. Listing of Transuranic (TRU) Material for Which A Defense Decision Has Not Been Made

Material	DOE Site(s)	Quantity	Status
Samples, standards, and technical materials containing Am-241 or Pu-239	Various DOE sites, e.g., Idaho and Oak Ridge		Awaiting defense determination
Isotope production output material (Am-243/Cm, Bk/Cf-252, and Pu-238)	Oak Ridge (HFIR facility)		Awaiting defense determination
Actinide sources above TRU waste threshold	Up to 50 DOE sites, e.g., Idaho and Oak Ridge	~2,300 sources each more than 1 mCi. (out of a total of 21,000 actinide sources) which could be TRU waste	Awaiting defense determination
Radioisotope thermoelectric generators (actinide sources)	Brookhaven (2), Mound (83), Pacific Northwest Lab (9), and Oak Ridge (55)	149 RTGs with more than 11 Million Ci of Pu-238	Awaiting defense determination
Plutonium-238 and Americium-241 sources	Los Alamos OSRP storage	1000 drums (55 gallon) with up to 17,000 sources thru year 2010 200 m3 CHTRU	Currently being managed as commercial GTCC waste at colleges, universities, and other locations
Actinide materials and waste containing americium or plutonium or other actinides	Variety of commercial sites with GTCC waste containing actinides, but not in the form of sealed sources (i.e. EPA Gulf Nuclear cleanup, smoke detector manufacturers, etc)	300 m3 (estimated in 1994 Idaho report)	Currently being managed as commercial GTCC at various locations

(6-89)
EFG (07-90)

United States Government **Department of Energy**

Memorandum

DATE:

REPLY TO ATTN OF: EM-22 (Robert Campbell, 678-567-0336)

SUBJECT: Plutonium-239 Sealed Sources

TO: Inés Triay, Manager, Carlsbad Field Office

The Albuquerque Operations Office requested that the Office of Environmental Management (EM) review and make a determination regarding the eligibility for disposal at the Waste Isolation Pilot Plant (WIPP) of plutonium-239 (Pu-239) sources. The history of the production and use of these sources and other information has been reviewed by the Office of General Counsel (GC) pursuant to the guidance concerning atomic energy defense activities and the requirements of the Waste Isolation Pilot Plant Land Withdrawal Act. This review was undertaken to support the accelerated recovery of Pu-239 sources by the Off-Site Source Recovery Program at the Los Alamos National Laboratory.

This review revealed the following about these sealed sources:

- All Pu-239 sources were provided to lessees under loan-lease agreements. The Atomic Energy Commission and its successor, the Department of Energy, retained title to these sources, and the loan-lease agreements prohibited the user from altering the form of the material, specifically so this material could be recalled for use in weapons programs.
- Pu-239 has never been sold under the Department's Isotope Sales Program.
- The Pu-239 in these sources is weapons-grade plutonium manufactured at either the Savannah River Site or Hanford. All of the Pu-239 was manufactured for weapons production.
- Of the 2,400 Pu-239 sources manufactured, about 1,320 were returned to the Department, and the plutonium was recovered and returned to plutonium stockpiles.
- The Pu-239 sources, as a group, are waste from defense activities as defined in the Nuclear Waste Policy Act (NWPA) because they were the result of defense nuclear materials production, defense nuclear waste and materials by-product management, and defense nuclear materials security and safeguards and security investigations.

The result of this review is that EM and GC have concluded that plutonium-239 sealed sources meet the definition of defense waste as defined in the NWPA and described in the September 9, 1996, memorandum by Robert R. Nordhaus, "Interpretation of the Term 'Atomic Energy Defense Activities' As Used In the Waste Isolation Pilot Plant Land Withdrawal Act." This determination is limited to Pu-239 sealed sources.

If you have any questions about this determination, contact Ms. Patrice M. Bubar, Associate Deputy Assistant Secretary, Office of Integration and Disposition at (202) 586-5151, or Mr. Paul Detwiler, Office of General Counsel at (202) 586-1371.

Jessie Hill Roberson
Assistant Secretary for
Environmental Management

cc: J. Tillman, DOE-AL
R. Erickson, DOE-OLASO

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[ ] Original Record
[X] Fax Record
[ ] E-mail Record

Attn:	CCP RECORDS CLERK	From:	JULIA WHITWORTH
Ship to:	CCP RECORDS	Site:	LANL OSR
	4021 NATIONAL PARKS HWY	Company:	UC
	CARLSBAD, NM 88220	Telephone Number:	(505) 699-3915
		Date Sent:	03/03/05
Telephone Number:	(505) 234-7523		

Document Number	Title / Description	Record Date	Total Pages
C004	ATTACHMENT 3- ACCEPTABLE KNOWLEDAGE SOURCE DOCUMENT SUMMARY WASTE STREAM NUMBER LA-OS-00-01	03/02/05	02
C004	LETTER TO CENTRAL CHARACTERIZATION PROJECT SUBJECT FOR PUBLIC RELEASE	11/05/02	002 JK 3/24/05
C004	MEMORANDUM SUBJECT PLUTONIUM-239 SEALED SOURCES	07/08/03	05 JK 3/24/05
C004	INFORMAL NOTE SUBJECT DEFENSE WASTE DETERMINATION FOR PLUTONIUM-239 SOURCES	06/25/03	01
C004	FACISMILE TRANSMISSION FORM	06/05/03	01
C004	MEMORANDUM SUBJECT PLUTONIUM-239 SEALED SOURCES	05/27/03	17 JK 3/24/05

Comments

N/A

CCP Records Center
Acceptance/Rejection Signature and Date

Records Accepted [X] Lynda Estrada (Signature) Lynda Estrada (Printed Name) 3/8/05 (Date)

Records Rejected [ ] _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: P001

Waste Stream Number(s): LA-OS-00-01.001, LA-OS-00-03, LA-OS-00-04

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☑ P - Procedures
	☐ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

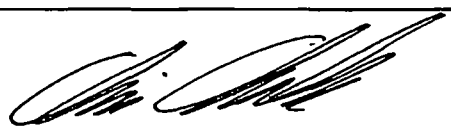
Title or Description of Source Document [a] : CCP-TP-069 CCP Sealed Source Visual Examination and Packaging

Source Document Reference Information (author(s), document and revision number, date, publisher): Central Characterization Program (CCP), CCP-TP-69, Rev.5, 11/09/2010, CCP

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR8, WS8, S2, S4, O1, O2, O4	3-25	The purpose of this procedure is for ORSP personnel to perform sealed source Visual Examinations (VE), identify sealed sources, package sealed sources, estimate WMP, weights, review comments for prohibited items and prepare and review Batch Data Reports (BDRs) generated from the Sealed Source VE process.
S2	9, 11, 18, 20-22	Procedure revised to clarify the specification of dunnage used in the payload area of a Standard Pipe Overpack Component (POC) and in a Standard 55-gallon drum. Revised Attachment 2 providing details in the component weight, and revised Attachment 4 to include the dunnage weight and other minor corrections.

Source Document Data Limitations (if any):
1. (Supercedes Previous Documents)
2. Best avalible copy.

Acceptable Knowlege Expert:

Christopher Chancellor /  Date: 12/14/2011

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 2-13-12

ERID-208375 P001

Controlled Copy

CCP-TP-069

Revision 5

CCP Sealed Source Visual Examination and Packaging

EFFECTIVE DATE: 11/09/2010

Larry Porter

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	03/03/2005	Initial Issue.
1	04/05/2005	Revised to address Carlsbad Field Office (CBFO) Document Review Record (DRR) comments.
2	05/11/2005	Revised to address Carlsbad Field Office (CBFO) Document Review Record (DRR) adequacy review comments.
3	12/07/2005	Revised to add capability to package waste in containers other than pipe overpacks.
4	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR).
5	11/09/2010	Revised to clarify the specification of dunnage used in the payload area of a Standard Pipe Overpack Component (POC) and Standard 55-gallon drum, expand the weights in Attachment 2, Weights for Standardized OSRP POC Packaging Configurations, and includes other minor corrections.

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1.0 PURPOSE

The purpose of this procedure is to describe how to perform the Sealed Source Visual Examination (VE) Technique, identify sealed sources, package sealed sources, and prepare and review Batch Data Reports (BDRs) generated from the Sealed Source VE process.

This procedure is designed to be performed in conjunction with Los Alamos National Laboratory (LANL) Off-site Source Recovery Project (OSRP) operating procedures that address the recovery of sources. This procedure provides the actions for the collection of VE data and information required by CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan* and CCP-PO-002, CCP *Transuranic Waste Certification Plan.*

1.1 Scope

Sealed Source VE is performed to identify sealed sources and their weights, verify the physical form of the sealed sources, verify the absence of prohibited items, demonstrate that applicable containers qualify for the headspace gas (HSG) exemption by compliance with CCP-PO-001, Section B-3a(1)(iii), and confirm the waste stream based on acceptable knowledge (AK). The VE results are recorded on data forms associated with this procedure.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- *Waste Isolation Pilot Plant Hazardous Waste Facility Permit,* NM4890139088-TSDF, Attachment B, *Waste Analysis Plan* (WAP)
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
- NRC Docket 71-9218, *TRUPACT-II Safety Analysis Report*

Referenced Documents

- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*

- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*

2.2 Training Requirements

2.2.1 Personnel performing this procedure to characterize sealed sources will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan.*

2.3 Precautions and Limitations

2.3.1 Facility Requirements

[A] This procedure augments, but DOES **NOT** supersede applicable requirements of the facilities in which the activities are conducted.

[A.1] Work performed at LANL facilities will be conducted in accordance with facility requirements.

[B] This procedure DOES **NOT** address radiological protection requirements. All activities described shall be conducted in accordance with work plans, procedures, or other process controls generated by the facility where the work is performed.

2.3.2 Safety Precautions

[A] If workers observe a hazardous condition while conducting work according to this procedure, they must discontinue work, notify their immediate supervisor, group leader or other management representative, and follow instructions in accordance with the OSRP Integrated Work Document (IWD) required by LANL.

2.3.3 Conditions Adverse to Quality

[A] If a worker identifies a condition adverse to quality, the individual(s) identifying the condition shall initiate a nonconformance report (NCR) in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control.*

2.4 Prerequisite Actions

2.4.1 VE Operator, verify the torque wrench is calibrated.

2.5 Definitions

2.5.1 **Sealed Source** – Any radioactive material that is physically encased in a capsule, rod, element, etc. that prevents the leakage or escape of the special nuclear material and that prevents removal of the radioactive material without penetration of the casing.

2.5.2 **Regulatory Definitions**

[A] 10 Code of Federal Regulations (CFR) § 30.4 (1-1-04 Edition): Sealed source means any byproduct material that is encased in a capsule designed to prevent leakage or escape of the byproduct material.

[B] 10 CFR § 835.2 (1-1-04 Edition): Sealed radioactive source means a radioactive source manufactured, obtained, or retained for the purpose of utilizing the emitted radiation. The sealed radioactive source consists of a known or estimated quantity of radioactive material contained within a sealed capsule, sealed between layers of non-radioactive material, or firmly fixed to a non-radioactive surface by electroplating or other means intended to prevent leakage or escape of the radioactive material. Sealed radioactive sources do not include reactor fuel elements, nuclear explosive devices, and radioisotope thermoelectric generators.

3.0 RESPONSIBILITIES

3.1 VE Expert

3.1.1 Responsible for overall direction and implementation of the VE Operations.

3.2 VE Operator

3.2.1 Performs VE operations as either the VE Packager or the VE Recorder.

3.2.2 Prepares and paginates the BDR.

3.3 VE Packager

- Visually inspects OSRP sealed sources.
- Places OSRP sealed sources into containers.
- Verifies entries made by the VE Recorder on Attachment 4, Container Packaging and Visual Examination Data Record.

3.4 VE Recorder

- Acts as the second VE Operator during VE, and placement of sealed sources into payload containers.
- Verifies the VE Packager's observations by reviewing the contents of the container to ensure correct reporting.
- Documents Sealed Source VE operation data on Attachment 4.

3.5 Independent Technical Reviewer (ITR)

NOTE

Independent Technical Reviewer (ITR) review is performed by a qualified individual other than the data generator who is qualified to have performed the initial work and who was not involved in the generation or recording of the data under review.

3.5.1 Reviews the BDR and completes Attachment 7, Visual Examination Independent Technical Reviewer Review Checklist.

3.5.2 Prepares and submits NCRs in accordance with CCP-QP-005 as necessary.

3.5.3 Submits completed VE BDR to the Facility Records Custodian

3.6 Facility Records Custodian

3.6.1 Receives, process, and transmits the VE BDR in accordance with CCP-QP-008, *CCP Records Management*.

4.0 PROCEDURE

NOTE

All containers used for the packaging of sealed source waste are Department of Transportation (DOT) Type 7A 55-gallon drums that may contain pipe overpacks as listed in CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC).*

NOTE

The steps outlined in Section 4.1 DO **NOT** have to be performed in sequence to maintain worker doses as low as reasonably achievable (ALARA).

4.1 VE and Packaging of OSRP Sealed Sources

VE Operator

NOTE

The activities required below should be performed in accordance with facility or organizational requirements for radiation protection, including use of appropriate source handling equipment, dosimetry, radiation monitoring, and others, as appropriate.

4.1.1 Enter the Container Identifier (on all applicable pages of Attachment 4), name of the VE Packager, and name of the VE Recorder.

NOTE

The recorder will initial and date the appropriate fields as identified in Attachment 4.

4.1.2 Enter the revision and effective date of this procedure used on Attachment 4, Page 1.

4.1.3 Indicate the container configuration used on Attachment 4, Page 1.

NOTE

If a Standard Pipe Overpack Component (POC) with a 12 inch pipe component or a Standard 55-gallon drum is used, in the comment sections of Attachment 4, page 3, indicate the dunnage used to center and secure the sources. Include description, WMP code, and weight. If an S200 configuration is selected, please circle A or B as appropriate.

4.1.4 Record the drum lid filter and Pipe Overpack Component (POC) filter information, if applicable, on Attachment 4, Page 1.

NOTE
The VE Expert is notified if an unsatisfactory condition or concern is identified during VE of sealed sources.

4.1.5 For each item being loaded into the container, visually examine and verify the following using Attachment 4, Page 1, **AND** record by initialing and dating in Section 4:

- The sealed source(s) meet applicable regulatory definitions.
- The outer casing is made of non-Volatile Organic Compound (VOC) bearing material.
- That each sealed source is, or is contained in, a rigid sealed container less than or equal to 4 liters in size.
- That the items match the waste stream description, the waste matrix code, and physical form/summary category group provided by AK.
- That there are no non-packaging items placed in the container other than the source(s).
- That there are no more than 2 layers of confinement.
- That the serial numbers on the POC and on the lid match.

4.1.6 For each item being loaded into the container, visually examine and record the following information on Attachment 4, Page 2:

- Sealed Source Description and Identifier (serial number marking), if applicable.
- The waste material parameter (WMP) category (Attachment 1, Waste Material Parameters [WMPs] and Descriptions). If more than one waste material parameter is associated with an item, use as many lines as needed.

NOTE
Data are reported with the correct number or significant figures (one decimal place).

- Estimated source weight in grams.
- The item information verified during VE.

- Any comments.

4.1.7 Load source(s) into container using tongs or special tool, as appropriate.

4.1.8 Verify the absence of prohibited items and enter NP (not present) for each item on Attachment 4, Page 3.

4.1.9 Record the presence or absence of prohibited items on Attachment 4, Page 3.

NOTE
The description of the prohibited item **SHALL** be recorded in the "Comments" section on Attachment 4, Page 3.

4.1.10 Record the estimated weight for dunnage on Attachment 4, Page 2. Enter "NA" if no dunnage was used.

4.1.11 Sum and record the estimated weights in kilograms for each WMP on Attachment 4, Page 2.

4.1.12 Record the container total weight for the packaging configuration from Attachment 2, Weights for Standardized OSRP Packaging Configurations, on Attachment 4, Page 2.

4.1.13 Record the container percent full on Attachment 4, Page 2.

4.1.14 Record the total estimated weight of the loaded container.

4.1.15 Enter waste matrix code on Attachment 4, Page 1.

4.1.16 **IF** a POC is **NOT** used,
THEN GO TO step 4.1.23[E], **AND** record NA in the applicable POC-related sections of Attachment 4, Page 1.

4.1.17 Carefully align the POC lid and lower the lid onto the POC O-ring and flange (guide pins may be used).

4.1.18 After lid is in contact with O-ring and flange face, minimize any lateral or rotary movement of the lid across the mating flange face to avoid unseating O-ring from groove, or damaging the O-ring.

NOTE
If there is a problem threading the bolt, the appropriate tap in the instrument kit will be used to clean out the threads.

4.1.19 Insert bolts into all lid bolt holes and snug bolts by hand, speed wrench, or a low speed, low torque driver to facilitate initial installation of all bolts.

4.1.20 Using a criss-cross pattern sequence as indicated in the diagram in Attachment 3, POC Assembly 55-Gallon Drum Top View and Torque Sequence and on the torquing template (if available), torque all POC bolts using a calibrated torque wrench.

[A] Torque the 12" POC to 65 ft-lb (± 5 ft-lb) and the 6" POC to 40 ft-lb (±4 ft-lb).

4.1.21 Retorque the closure bolts going clockwise using the bolt to bolt torquing sequence.

4.1.22 Record torque value, torque wrench identification number, and calibration due date in POC Bolt Torque section of Attachment 4 Page 1.

4.1.23 Replace the packing materials as follow:

[A] Replace fiberboard packing top (i.e., lid) matching pipe bolt heads, hoist ring, and filter with cutouts in fiberboard top.

[B] Install spacer(s) on top of fiberboard liner top, if applicable.

[C] Install rigid liner lid.

[D] Ensure the vertical distance between the bottom of the rigid liner lid (i.e., inner surface) and the upper surface (i.e., the top) of the top fiberboard shim is less than or equal to 0.5 inches.

[D.1] **IF** the distance exceeds 0.5 inches,
THEN remove the rigid liner lid, **AND** add a sufficient number of shims to bring the distance within range.

[E] **IF** any plastic liner bags are used,
THEN CLOSE them using a "horsetail" or "twist and tape" method.

4.1.24 CLOSE the drum as follows:

[A] Install drum lid.

[B] Install closure ring as follows:

[B.1] Orient bolt closure ends downward and over the drum seam.

[B.2] Ensure that ring is properly seated on drum.

[C] Ensure that drum closure bolt is positioned through the unthreaded drum closure ring lug and that the locking nut is positioned between the two ring lugs.

[D] Thread drum closure bolt through the threaded drum closure ring lug.

[E] Lightly tighten drum closure bolt, ensuring that locking nut continues to turn freely.

[E.1] **IF** there is a problem threading the bolt,
THEN use the appropriate tap to clean out the threads.

[F] Torque drum closure bolt to 40 ft-lb (± 4 ft-lb) using calibrated torque wrench, while tapping around circumference of drum closure ring with a soft-headed hammer or equivalent tool. For non-POC drums, torque to value recommended in manufacture-specific closing instructions.

[G] Record torque value, torque wrench identification number, and calibration due date in Closure Ring section of Attachment 4, Page 1.

[H] Ensure that ends of drum ring DO **NOT** contact each other.

[I] Tighten the lock nut against the unthreaded drum closure ring lug.

[I.1] **IF** drum closure bolt threads DO **NOT** allow lock nut to be tightened against unthreaded drum closure ring lug,
THEN tighten lock nut against threaded drum closure ring lug.

[J] Apply Tamper Indication Device (TID) to drum.

4.1.25 Both VE Operators (the VE Packager and the VE Recorder), review information recorded, incorporate comments as appropriate, **AND** sign and date the appropriate lines on Attachment 4, Page 3.

4.2 VE BDR Preparation

VE Operator

4.2.1 Assemble the VE BDR using the following forms, as needed:

- Visual Examination Batch Data Report Cover Page (Attachment 5)
- Visual Examination Batch Data Report Table of Contents (Attachment 6)
- Independent Technical Reviewer Review Checklist (Attachment 7)
- Container Packaging and Visual Examination Data Record (Attachment 4)
- Copy of NCRs, if applicable
- Copy of Acceptable Knowledge Documentation Identifier (obtain from AK)
- Copy of Sources in Special Form Capsules (obtain from AK)
- Copy of Radiological Contamination Surveys (obtain from AK)
- Copy of Special Form Documentation (obtain from AK)
- Source Markings (obtain from AK)

4.2.2 Assign a unique BDR tracking number using the format LAyy-OSR-VE-nnn, where yy are the last two numbers of the current year (e.g., 00 for 2000) and nnn is a sequential number starting at 001 for the first BDR of each year, **AND** record on Attachment 5, and attachments, as applicable.

4.2.3 Record the waste stream name and number and the Container Type on Attachment 5.

4.2.4 Record the container identification numbers for each container included in the VE BDR on Attachment 5.

NOTE
Attachment 6 will **NOT** be completed until the data generation level reviews are complete.

4.2.5 Provide the VE BDR to the VE ITR.

4.3 VE Independent Technical Review

NOTE
VE ITR review is performed by a qualified individual other than the data generator who is qualified to have performed the initial work.

4.3.1 Complete, **AND** print name, sign, and date one Attachment 7 for the VE BDR.

4.3.2 **IF** a nonconformance is identified,
THEN generate an NCR in accordance with CCP-QP-005.

4.3.3 Accept the VE BDR by printing name, signing, and dating Attachment 5.

4.3.4 Forward the VE BDR to the VE Operator for pagination.

4.4 VE BDR Submittal

VE Operator

4.4.1 Paginate the VE BDR.

4.4.2 Complete Attachment 6.

4.4.3 Submit the completed VE BDR to the Facility Records Custodian.

Facility Records Custodian

4.4.4 Receive, process, and transmit all records in accordance with CCP-QP-008.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as Quality Assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] VE BDR

[A.1] Attachment 5 – Visual Examination Batch Data Report Cover Page

[A.2] Attachment 6 – Visual Examination Batch Data Report Table of Contents

[A.3] Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

[A.4] Attachment 4 – Container Packaging and Visual Examination Data Record

[A.5] Copy of NCRs, if applicable

[A.6] Copy of Acceptable Knowledge Documentation Identifier

[A.7] Copy of Sources in Special Form Capsules

[A.8] Copy of Radiological Contamination Surveys

[A.9] Copy of Special Form Documentation

[A.10] Copy of Source Markings

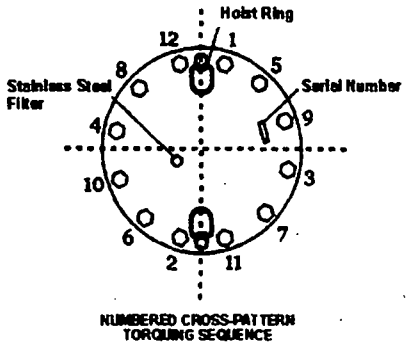
Attachment 1 – Waste Material Parameters (WMPs) and Descriptions

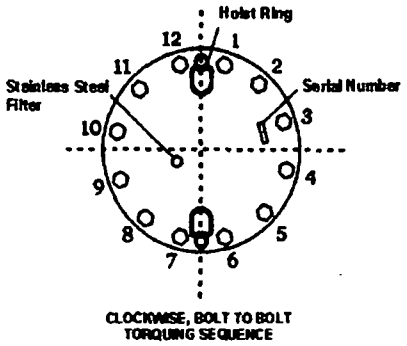
Waste Material Parameter (WMP)	Acronym	Description
Iron-based metals/alloys	IM	Iron and steel alloys in the waste; does not include the container materials
Aluminum-based metals/alloys	AM	Aluminum or aluminum-based alloys in the waste materials
Other metals	OM	All other metals found in the waste materials
Other inorganic materials	OI	Nonmetallic inorganic waste including concrete, glass, firebrick, ceramics, sand, and inorganic sorbents
Cellulosics	C	Materials generally derived from high-polymer plant carbohydrates; (e.g., paper, cardboard, wood, and cloth)
Rubber	R	Natural or man-made elastic latex materials; (e.g., surgeons' gloves, and leaded rubber gloves)
Plastics (waste materials)	PW	Generally man-made materials, often derived from petroleum feedstock; (e.g., polyethylene and polyvinylchloride)
Organic matrix	OR	Cemented organic resins, solidified organic liquids and sludges
Inorganic matrix	IN	Any homogeneous materials consisting of sludge or aqueous-based liquids that are solidified with cement, calcium silicate, or other solidification agents; (e.g., wastewater treatment sludge, cemented aqueous liquids, and inorganic particulates)
Soils/gravel	S	Generally consists of naturally occurring soils that have been contaminated with inorganic waste materials
Steel (packaging materials)	ST	55-gal (208-L) drums
Plastics (packaging materials)	PP	110-mil polyethylene drum liner and plastic bags

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

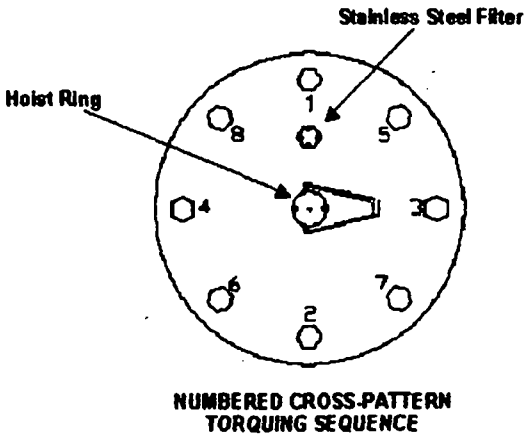
Component		Estimated Component(s) Weight (kg)					
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	OM	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Attachment 3 – POC Assembly 55-Gallon Drum Top View and Torque Sequence





6" POC Assembly 55-Gallon Drum



Attachment 4 – Container Packaging and Visual Examination Data Record
BDR #_____ Page 1 of 3

Container Identifier		
Printed name of VE Packager		
Printed name of VE Recorder		
1	Procedure used CCP-TP-069, R_____ Effective Date _____	
2	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 (A or B) ___ S300 ___ Standard 55-gallon drum (no POC)	
3	• Drum lid filter model: _____ • Drum lid filter serial number: _____ • Drum lid filter manufacture date: _____ • POC lid filter model: _____ • POC lid filter serial number: _____ • POC lid filter manufacture date: _____	
4	Verify based on VE: • The sealed sources meet applicable regulatory definitions. • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. • That each sealed source is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. • That there are no non-packaging items placed in the container other than the source(s). • That there are no more than 2 layers of confinement. • The serial numbers on the POC and the lid match	
5	Enter the Waste Matrix Code for the sealed sources, based on VE: _____	
6	POC Bolt Torque • POC bolts tightened to _____ft-lbs • Torque Wrench ID # _____ • Calibration due date of torque wrench _____	
7	Closure Ring Torque • Drum ring bolts tightened to _____ ft-lbs • Torque Wrench ID # _____ • Calibration due date of torque wrench _____	

Attachment 4 – Container Packaging and Visual Examination Data Record – (Continued)
BDR # _____ Page 2 of 3

Container Identifier

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	OSRP Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Verified item information during VE Enter Y (yes) or N (no)	Comments (if any)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Total estimated weight (kg) for each WMP listed for above items	kg	[redacted]
Total estimated weight for dunnage used within the payload area of the Standard POC or Standard 55-gallon drum, if any.	kg	
Container percent full.	%	
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2)	kg	
Total estimated weight (kg) for loaded container	kg	

If the list of items is continued on additional pages, attach and number added pages (Page ___ of ____).
* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record – (Continued)
BDR # _____ Page 3 of 3

Container Identifier

NP There are no indicators for the presence of the prohibited item in this container.

P An indicator for the possible presence of the prohibited item has been observed. (If any condition is noted as *present [or possibly present], note details in the comments section at the end of this form.*)

Enter P or NP	Prohibited Hazardous Items or Conditions
	Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid. Overpacking the outermost container, that was examined by radiography or visual examination, or redistributing untreated liquid within the container shall not be used to meet the liquid volume limits.
	Nonradionuclide pyrophoric material.
	Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
	Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
	Explosives.
	Compressed gas or potentially pressurized containers.
	Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
	Wastes exhibiting the characteristic of ignitability.
	Wastes exhibiting the characteristic of reactivity.
	Wastes exhibiting the characteristic of corrosivity.
	Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
	Inadequately blocked or braced sharp or heavy items.
	Sealed containers greater than 4 liters

Comments, including the identifiers of any relevant NCRs; and the description, WMP code, and weight of any dunnage used in the payload area of a Standard POC or a Standard 55-gallon drum.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I *also verify that no items other than those listed on this form have been placed into this container.*

_____ _____
Signature of VE Packager Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

_____ _____
Signature of VE Recorder Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA -OSR-VE-	
Waste stream name and number:	Container Type:

Container Identifiers included in this VE BDR	

VE Independent Technical Reviewer

(Printed Name) (Signature) (Date)

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA -OSR-VE-

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	
6	Copy of Acceptable Knowledge Documentation Identifier	
7	Copy of Sources in Special Form Capsules	
8	Copy of Radiological Contamination Surveys	
9	Copy of Special Form Documentation	
10	Copy of NCRs, if applicable	
11	Other information (if any; otherwise enter NA for page number)	

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

VE BDR LA -OSR-VE-

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Item	Criteria Met? Y/N/NA	Required Criterion
1.		Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1a – 1f.
1a.		The correct revision of CCP-TP-069 was used? Note revision number, R____.
1b.		Deviations, if any, have been documented. (Check N/A if there were no deviations.)
1c.		Data generation and reduction was conducted in accordance with CCP-TP-069 (i.e., all of the required items listed in Attachment 4 were completed and are accurate).
1d.		The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
1e.		The WMPs identified during VE are consistent with those assigned to these materials based on AK.
1f.		The Waste Matrix Code is consistent with the AK.
2.		Calibration data for torque wrenches are recorded and within the calibration period.
3.		Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
4.		The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any sample ID numbers.
5.		The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
6.		All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR.
7.		Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?
8.		Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?
9.		Completeness: Is there a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above:		

Independent Technical Review conducted by:

VE Independent Technical Reviewer (Printed Name) _____ (Signature) _____ (Date) _____

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-OS-00-01.001, LA-OS-00-03

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C001
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Supporting Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Letter to R. Scott re: "RCRA Status of AmBe Sealed Sources"

Source Document Reference Information (author(s), document and revision number, date, publisher): Sylvia Lowrance, EPA, TWCP-03407, 16-Jun-92, EPA

AK # [a]	Source Doc. Page # [b]	AK Information Summary
WS8, WS12, O4	1	Concurs "as a general matter" with the conclusion that AmBe sealed sources are not RCRA-hazardous when managed as waste. The sources are not P-listed despite their Be content, and are not corrosive, ignitable, or reactive, nor did EPA "expect the stainless steel casings to fail the Toxicity Characteristic."

Source Document Data Limitations (if any):

1. Best Available Copy(s)
2. Leaves open the question of whether solder on the sealed source would meet the toxicity characteristic.

Acceptable Knowlege Expert:

Ben S. Gutierrez / B S Gutierrez Date: 4/17/09

Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

ORIGINAL

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

SUPERCEDED

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-OS-00-01

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C001
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Supplemental Information	Category: ☐ Published Document or Controlled Database ☐ Unpublished Data ☐ Internal Procedure or Note ☑ Correspondence ☐ Discrepancy

Title of Source Document: Letter to R. Scott re: "RCRA Status of AmBe Sealed Sources"

Source Document Reference Information (author(s), document and revision number, date, publisher): Sylvia Lowrance, EPA, TWCP-03407, June 16, 1992, EPA

AK # [a]	Source Doc. Page #[b]	AK Information Summary
WS8, WS12, O4	1	Concurs "as a general matter" with the conclusion that AmBe sealed sources are not RCRA-hazardous when managed as waste. The sources are not P-listed despite their Be content, and are not corrosive, ignitable, or reactive, nor did EPA "expect the stainless steel casings to fail the Toxicity Characteristic."

Source Document Data Limitations (if any):

1. Leaves open the question of whether solder on the sealed source would meet the toxicity characteristic.
2. Limited to Am-Be sealed sources.

Acceptable Knowlege Expert:

Julia Whitworth, Julia Whitworth — Date: 2/28/05

Print /Sign

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

SUPERCEDED
SK 5.04.01

TWCP-QP-1.1-004
(Subject to Change Prior to Review Cycle)

C1

TWCP-03407

RECORDS SUBMITTAL P2010-0912

INSTRUCTIONS: This form is prepared by the record source when submitting individual records, batch data reports, or a records package to the RMDC. For records packages, a Table of Contents (TOC) must also be submitted. Each record submitted requires a complete form.

MANDATORY: X To the best of my knowledge, the record(s) have no radioactive contamination.
Signature: [signature]

RECORD SOURCE:
___ TWCP ___ WCRRF ___ RAMROD ___ RANT ✓ Group
Other: ESH-19 — OSR

Submittal Date: 8/2/2000 Z-Number: 081233 Name/Org.: STAN KOSIEWICZ, E-ET

Originator: SYLVIA LOWRANCE Organization: EPA

TYPE OF RECORD/ACTION TO BE TAKEN

X Individual Record ___ Batch data report ___ Records Package (+ TOC)

✓ New ___ Revision* ___ Addition* ___ Supersedes*

* Record Barcode Number: _____ *Review Cycle (if applicable): ___ Yes ___ No ___ N/A

RECORD ID NUMBER: (e.g., memo symbol number, procedure (include revision), deficiency number, batch data report number, unique record identifier if applicable):
—

RECORD DATE: June 16, 1992 **PHYSICAL PAGE COUNT:** 2 X **SINGLE SIDED** ___ **DOUBLE SIDED**

WBS Number: (back of page) 2.1 **Category Number:** (back of page) 07 LT

RECORD TITLE, SUBJECT, AND/OR KEYWORDS:
EPA Letter from Sylvia Lowrance to Roger Scott on RCRA Status of Am Be Sealed Sources.
OSR
P2010-0912

RECORD CENTER USE ONLY

✓ Accepted Date: 8/14/00 ___ Return Date: _____

Signature: [signature] Resubmitted: _____

RIDs Type: LT

Project 2010 Information Release Form

This form is to be completed and submitted to Project 2010 with copies BEFORE you present or submit for release any technical work of the Project 2010. **Allow three days for review.**	**Package for review must include:** Completed Information Release Form and Cover sheet for each submission 1 copy of submission

1. Author(s) name(s)					2. Author(s) Signature & Date
Last	First	Middle	Z #	Group/Affiliation	Julia Whitworth 11/4/04
Whitworth	J.		107833	NWO/OSR	

3. Title of Article (in caps: spell out all symbols):

LETTER TO R. SCOTT RE: DESIGNATION OF AMERICIUM BERYLLIUM SOURCES UNDER RCRA

4. Type of Information:	5. Intended For: Public Release
☐ Real Time Radiography (RTR) batch reports and/or videotapes ☐ Headspace gas batch data reports ☐ Non-Destructive Assay (NDA) batch data reports, calibration reports, and/or isotopic reports ☐ Visual Examination, Prohibited Item Disposition (VE/PID) batch data reports and/or videotapes ✓ Acceptable Knowledge (AK) reports, radioisotope data, and/or source documents ☐ Other (**Must be PROJECT 2010, specific)**	6. Particulars: Central Characterization Project CCP Records Center, Carlsbad, NM

7. Deadline Date	Z number, name and phone of contact for notification of release	Mail Stop
11/9/04	107833, Julia Whitworth, 699-3915	J552

8. Typed/Printed Name of Derivative Classifier	Signature and Date

__Classified (Go to Form 678)	__Unclassified	__Unclassified, Limited	Explain

9. P2010 Public Release Official	Signature and Date:

10. Typed/Printed Name of Responsible Author/Requestor	Signature and Date:
Julia Whitworth	Julia Whitworth 11/4/04

11. RRES/CE Group Leader (Acting):	Signature and Date:
Matt Riggs	

P2010-

Approved for public release.

Title:	Letter to R. Scott, Manager, EG&G Idaho, Inc. re: Designation of Americium Beryllium Sources under RCRA
Author(s):	**S. Lowrance, EPA**
Submitted to:	**Central Characterization Project Subject for Public Release**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUN 16 1992

OFFICE OF
SOLID WASTE AND EMERGENCY RESPONSE

Roger L. Scott, Manager
National Low-Level
Waste Management Program
EG&G Idaho, Inc.
Idaho Falls, Idaho 83415

Dear Mr. Scott:

Thank you for forwarding your report entitled "Designation of Americium Beryllium Sources under RCRA" to the Office of Solid Waste. We greatly appreciate your effort in characterizing americium beryllium (AmBe) sealed source wastes. The resolution of the issue is important, because as you indicate, there are several thousand discarded sealed sources which may enter the radioactive waste stream annually. My staff in the Permits and State Programs Division and the Characterization and Assessment Division have reviewed the report, and view it as a very thorough and well done report.

As a general matter, we agree with your tentative determination that AmBe sealed sources are not hazardous under the Resource Conservation and Recovery Act (RCRA). As your report suggests, discarded AmBe sealed sources would not be P-listed commercial chemical product or chemical intermediate wastes, despite their beryllium content (P015), since the commercial chemical product listings in 40 CFR 261.33 do not extend to manufactured products which are discarded after their end use. In addition, we agree that there would not be any corrosive, ignitable, or reactive properties associated with these sealed sources, nor do we expect stainless steel casings to fail the Toxicity Characteristic (TC). Situations that may cause stainless or specialty steel components (NI, CR) to fail the TC are where a pipe or piece of machinery takes a physical beating (e.g., is etched) by material in contact with it.

It is less clear whether the solder will pass the TC. Given the safety concerns with mixed wastes, a combination testing/mass balance approach may be appropriate to characterize solder from sealed sources. Either information on the composition of the solder, or TCLP testing (on a non-radioactive sample) would be a starting point. Then, based upon the percentage of the whole material that is solder, a "theoretical" TCLP concentration may be determined, using an assumption of no contribution of TCLP constituents from the non-solder portion of the waste.

It also appears to be unlikely that any trace amounts of TC metals in the americium

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and beryllium will cause the sealed sources to fail the TC unless there is a large amount of Am or Be in the capsule.

My staff offers the following specific comments on your report:

1. On page II-3, Figure II-1, the third decision triangle in the series asks "Is the Waste Listed as P or U Waste in 40 CFR 261.33?" The decision to the right of the triangle says "Yes or Maybe". We suggest you remove the word maybe because it is vague and not explained.

2. On page II-5; Section 2.1.3, the last sentence refers to identifying "beryllium powder" as P015 waste. We suggest you delete the word "powder" since P015 is designated as "beryllium" not "beryllium powder" in 40 CFR 261.33.

3. On page II-6, in the last paragraph, you may want to mention that discarded beryllium residues generated during the manufacturing process for sealed sources may be considered P015 wastes.

4. On page II-8, we suggest you delete the word "powder" in the second full paragraph for the reason set forth in comment 2.

→ (Note that the EPA changed the P015 designation to include "powder" in June 1994; therefore, the report still says "beryllium powder." - Sept. '94

Again, I commend the thoroughness of your effort to characterize discarded Americium Beryllium sealed sources as potential mixed waste streams. While we agree generally with the conclusions you have reached under the Federal RCRA requirements, I should remind you that States authorized under RCRA for mixed waste may have more stringent hazardous waste regulations than the Federal requirements. Should you have any additional questions, please call Richard LaShier or Susan Jones at (202) 260-2210.

Sincerely,

Sylvia K. Lowrance, Director
Office of Solid Waste

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[ ] Original Record
[X] Fax Record
[ ] E-mail Record

Attn:	CCP RECORDS CLERK	From:	JULIA WHITWORTH
Ship to:	CCP RECORDS	Site:	LANL OSR
	4021 NATIONAL PARKS HWY	Company:	UC
	CARLSBAD, NM 88220	Telephone Number:	(505) 699-3915
		Date Sent:	03/03/05
Telephone Number:	(505) 234-7523		

Document Number	Title / Description	Record Date	Total Pages
C001	ATTACHMENT 3- ACCEPTABLE KNOWLEDAGE SOURCE DOCUMENT SUMMARY WASTE STREAM NUMBER LA-OS-00-01	02/28/05	01
C001	LETTER TO CENTRAL CHARACTERIZATION PROJECT SUBJECT FOR PUBLIC RELEASE	06/16/92	03
	N/A		

Comments

N/A

CCP Records Center
Acceptance/Rejection Signature and Date

Records Accepted [X] Lynda Estrada (Signature) Lynda Estrada (Printed Name) 3/8/05 (Date)

Records Rejected [ ] _____ (Signature) _____ (Printed Name) _____ (Date)

Reason for Rejection:

Re-submittal: _____ (Signature) _____ (Printed Name) _____ (Date)

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

[x] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP Records	From:	BEN S. GUTIERREZ
Ship to:	4021 National Parks HWY	Site:	OFF SITE SOURCE RECOVERY PROJECT (OSRP)
	Carlsbad, NM 88220	Company:	LOS ALAMOS NATIONAL SECURITY (LANS)
	GSA 103	Telephone Number:	***FAX 505 665-7913*** W 505 606-1630
		Date Sent:	04/20/09
Telephone Number:	505 234-7236		Mail Stop: J552

Document Number	Title / Description	Record Date	Total Pages
C001	**Attachment 3 – Acceptable Knowledge Source Document: Waste Stream LA-0S-00-01.001 and LA-0S-00-03**	04/17/09	1
	N/A		

Comments

Supersedes Previous Attachment 3
AK Report CCP-AK-LANL- 008
Original source documents in Carlsbad records.
Best Available Copy(s)

Acceptance/Rejection Signature and Date

Records Accepted	[x]	Sonia Gonzalez	SONIA GONZALEZ	05.04.09
		Signature	Printed Name	Date
Records Rejected	[ ]			
		Signature	Printed Name	Date

Reason for Rejection:

N/A

Re-submittal:			
	Signature	Printed Name	Date

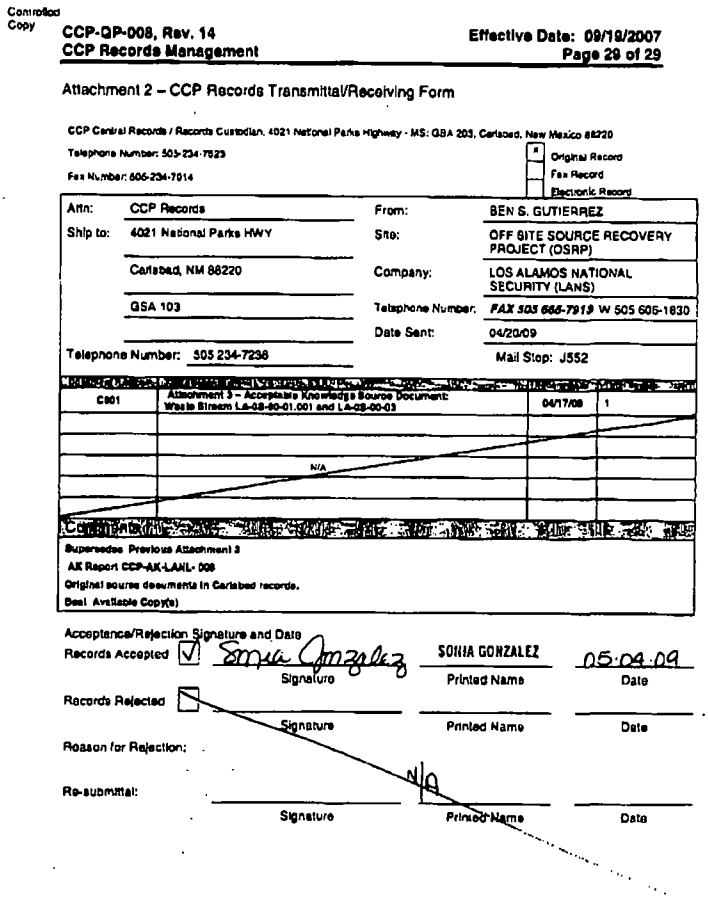
HP LaserJet *M2727nf MFP*

Fax Confirmation Report

HP LASERJET FAX

May-5-2009 8:07AM

Job	Date	Time	Type	Identification	Duration	Pages	Result
11731	5/ 5/2009	8:07:07AM	Send	915056657913	0:40	1	OK



Controlled Copy

CCP-QP-008, Rev. 14 **Effective Date: 09/19/2007**
CCP Records Management **Page 29 of 29**

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7914

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP Records	From:	BEN S. GUTIERREZ
Ship to:	4021 National Parks HWY	Site:	OFF SITE SOURCE RECOVERY PROJECT (OSRP)
	Carlsbad, NM 88220	Company:	LOS ALAMOS NATIONAL SECURITY (LANS)
	GSA 103	Telephone Number:	*FAX 505 665-7913* W 505 605-1630
		Date Sent:	04/20/09
Telephone Number:	505 234-7236		Mail Stop: J552

C901	Attachment 3 – Acceptable Knowledge Source Document: Waste Stream LA-08-00-01.001 and LA-08-00-03	04/17/09	1
	N/A		

Comments:
Supersedes Previous Attachment 3
AK Report CCP-AK-LANL- 008
Original source documents in Carlsbad records.
Best Available Copy(s)

Acceptance/Rejection Signature and Date

Records Accepted [✓]	Sonia Gonzalez (Signature)	SONIA GONZALEZ (Printed Name)	05.04.09 (Date)
Records Rejected [ ]	(Signature)	(Printed Name)	(Date)

Reason for Rejection: N/A

Re-submittal:	(Signature)	(Printed Name)	(Date)

Attachment 1 – Acceptable Knowledge Documentation Checklist

Site(s): Los Alamos National laboratory

Waste Stream Description: Combustible

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Mandatory generator site TRU waste program (PR) information[a]:			
Map of the generator site that identifies TRU waste generation, treatment, and storage areas.	PR1	Y	D002, D008, D009, D010, D011, D013, D024, D025, D028, D029, D041, D045, D071,D083, D092
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	PR2	Y	C040, C057, C082, C089, C094, C165, C190, C192, C204, C207, C212, C238, D002, D003, D007, D008, D009, D010, D011, D013, D014, D017, D023, D024, D025, D028, D030, D032, D036, D041, D044, D045, D048, D071, D073, D082, M160, M283, M308, P189
Overview of the generator site and generator site TRU waste management operations in the context of the facility's mission.	PR3	Y	C094, C165, C212, D008, D009, D010, D011, D017, D041, D059, D071, D076, D092, M016, M301, M308, P091, P178
Descriptions of historical and current TRU waste generating operations, including how waste is tracked and managed and/or how operations relative to isotopic composition were tracked.	PR4	Y	C020, C076, C094, C108, C187, C189, C213, C225, C233, D002, D004, D008, D010, D011, D013, D014, D024, D025, D026, D030, D032, D036, D037, D041, D045, D070, D071, D092, DR008, M006, M014, M015, M054, M137, M144, M299, M300, M302, P028, P042, P044, P053, P064, P067, P069, P070, P071, P080, P081, P083, P085, P090, P092, P096, P098, P177, P188, P189
Waste identification and/or categorization schemes and terminology used at the generator site, including codes correlating to specific isotopic distributions.	PR5	Y	C230, C010, C011, C014, C017, C018, C026, C027, C031, C033, C037, C038, C039, C040, C041, C047, C067, C076, C087, C089, C094, C098, C102, C104, C105, C153, C175, C179, C186, C189, C198, C199, C200, C209, C212, D002, D004, D007, D008, D009, D010, D011, D014, D017, D023, D024, D025, D026, D030, D037, D041, D045, D057, D058, D067, D068, D084, DR008, M016, M017, M018, M019, M024, M064, M093, M099, M125, M126, M127, M144, M156, M157, M215, M216, M217, M218, M219, M222, M224, M226, M238, M280, M281, M295, M296, M298, M301, M307, M316, P024, P025, P026, P027, P029, P046, P090, P091, P094, P097, P098, P179, P188, U004

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Types and quantities of TRU waste generated, including historical generation through future projections.	PR6	Y	C152, C225, C233, C237, C239, C240, D007, D008, D009, D010, D011, D018, D019, D023, D024, D026, D032, D041, D063, D064, D065, D066, D067, D068, D091, D092, DR048, M157, M215, M216, M217, M218, M219, M222, M280, M281, M296, M298, M316, P001, P009, P096, P173, P194, P198, P199
Correlation of waste streams and description of time of generation, waste generating processes, and area and building/facility where each waste stream was generated.	PR7	Y	C177, C185, C212, C216, C225, C233, D008, D009, D010, D011, D013, D025, D041, D063, D064, D065, D066, D067, D068, D092, M011, M215, M216, M217, M218, M219, M222, M224, M226, M238, M281, M283, M286, M296, M298, M304, P001, P173, P174, P177, P192, P194, P195, P197, P198, P199, P203
Certification procedures for waste to be sent to the WIPP facility (i.e., procedures to ensure that prohibited items are documented and managed in accordance with site-specific certification plans).	PR8	Y	C098, C201, C202, C203, C216, C223, D008, D009, D010, D011, D014, D018, D025, D028, D032, D037, D041, DR029, M012, M013, M014, M015, M215, M216, M217, M218, M219, M224, M226, M238, M296, M300, M302, M303, M304, M312, P008, P011, P012, P090, P091, P092, P094, P095, P096, P097, P098, P117, P118, P166, P167, P175, P183, P185, P188, P195, P198
Waste stream designation	WS1	Y	D091, C198, D002, D008, D009, D010, D011, D013, D018, D023, D025, D026, D029, D036, D041, DR001, DR004, DR008, M215, M216, M217, M218, M219, M224, M226, M238, M298

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Area(s) and building(s) from which the waste stream was or is generated.	WS2	Y	C005, C010, C027, C069, C108, C153, C165, C175, C177, C179, C185, C194, C197, C198, C199, C200, C212, C225, C233, D004, D007, D008, D009, D010, D011, D013, D025, D026, D030, D032, D034, D041, D045, D063, D064, D065, D066, D067, D068, D071, D092, DR005, M006, M024,M028, M041, M043, M045,M050, M054, M074, M085, M086, M092, M095, M097, M098, M099, M103, M118, M126, M127, M129, M130, M131, M144, M184, M215, M216, M217, M218, M219, M222, M224, M226, M238, M281, M290, M294, M296, M298, M299, P001, P008, P011, P012, P014, P024, P025, P026, P027, P028, P045, P046, P049, P051, P053, P064, P065, P067, P069 P070, P071, P076, P078, P080, P081, P083, P085, P160, P161, P162, P173, P174, P181, P185, P186, P189, P192, P194, P195, P197, P198, P199, P203
Waste stream volume and time period of generation	WS3	Y	D091, DR048, C010, C018, C019, C023, C026, C027, C033, C035, C040, C041, C068, C069, C076, C083, C094, C102, C105, C112, C142, C148, C153, C166, C175, C179, C197, C199, C200, C206, C212, C225, C233, C239, C240, D002, D007, D008, D009, D010, D011, D013, D017, D018, D023, D025, D028, D029, D030, D032, D034, D036, D041, D049, D063, D064, D065, D066, D067, D068, D092, M050, M080, M086, M160, M215, M216, M217, M218, M219, M222, M224, M226, M238, M273, M280, M281, M286, M292, M294, M296,M298, M316, P194, P199

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Waste generating process (describe for each building) including processes associated with U134 waste generation, if applicable.	WS4	Y	C010, C011, C014, C017, C026, C027, C029, C030, C031, C034, C035, C040, C076, C079, C081, C083, C085, C089, C094, C098, C102, C105, C144, C165, C194, C195, C199, C200, C206, C210, C212, C213, C225, C233, D007, D008, D009, D010, D011, D013, D014, D017, D018, D019, C023, D024, D025, D026, D028, D030, D032, D034, D036, D044, D045, D048, D049, D050, D070, D073, D077, D078, D079, D080, D081, D092, M011, M022, M023, M024, M025, M026, M028, M029, M032, M037, M041, M043, M044, M045, M048, M050, M053, M074, M076, M080, M088, M090, M116, M118, M164, M169, M172, M174, M180, M181, M182, M184, M185, M186, M189, M200, M202, M206, M212, M286, M289, M290, M292, M294, M299, P008, P014, P024, P025, P026, P027, P028, P029, P036, P049, P051, P052, P056, P064, P080, P085, P092, P109, P110, P155, P157, P180, P181, P189, P190
Process flow diagrams. For research/development, analytical laboratory waste, or other similar processes where process flow diagrams cannot be created, a description of the waste generating processes, rather than a formal process flow diagram, may be included, if justified.	WS5	Y	C094, C095, C130, C131, C132, C210, C220, C221, D002, D007, D008, D009, D010, D011, D017, D023, D024, D025, D028, D034, D041, D048, D070, D093, M011, M023, M024, M026, M029, M030, M037, M041, M043, M044, M045, M048, M053, M054, M064, M072, M074, M076, M084, M085, M086, M088, M089, M092, M093, M095, M096, M097, M098, M099, M103, M113, M118, M125, M126, M127, M128, M129, M130, M131, M144, M151, M200, M206, M212, M285, M287, M288, M291, M293, P001, P005, P008, P014, P024, P025, P026, P027, P028, P029, P036, P045, P046, P064, P070, P076, P081, P091, P103, P183, P190, P194, P198, P199

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	(1)AK#	Compiled? (Y/N)	Source Document Tracking Number
Summary of basis and rationale for delineating each waste stream including justification for combining waste historically managed separately as TRU mixed and TRU non-mixed waste streams into a single waste stream, that is traceable to referenced documents.	WS6	Y	C145, C212, D009, D010, D011, D013, D024, D025, D028, D041, DR001, DR005, DR007, M215, M216, M217, M218, M219, M224, M226, M238, M296, M298, P175
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	WS7	Y	C040, C057, C082, C089, C094, C190, C192, C195, C204, C207, C212, C238, D007, D008, D009, D010, D011, D014, D017, D023, D024, D025, D028, D029, D030, D032, D036, D041, D044, D045, D048, D071, D073, D092, M160, M283, M308, P189

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	(1)AK#	Compiled? (Y/N)	Source Document Tracking Number
Material inputs or other information that identified the chemical contents of the waste and the stream. Includes events or processes that may have modified the chemical properties of the waste stream after generation.	WS8	Y	D089, D090, D091, DR048, C005, C010, C011, C014, C017, C018, C019, C020, C023, C026, C027, C035, C039, C040, C047, C054, C064, C065, C066, C068, C070, C076, C079, C080, C081, C082, C083, C085, C087, C089, C092,C094, C095, C096, C098, C102, C105, C113, C121, C122, C129, C130, C131, C142, C147, C157, C176, C178, C195, C197, C199, C200, C201, C203, C206, C210, C211, C213, C220, C225, D008, D009, D010, D011, D014, D017, D019, D023, D025, D026, D028, D029, D030, D032, D034, D036, D041, D044, D045, D048, D049, D055, D060, D063, D065, D066, D067, D068, D070, D073, D074, D079, D092, DR008, M002, M024, M028, M029, M041, M043, M044, M045, M048, M050, M053, M054, M061, M064, M067, M069, M072, M074, M076,M080, M084, M085, M086, M088, M089, M090, M092, M093, M095, M096, M097, M098, M099, M103, M112, M113, M116, M118, M123, M125, M126, M127, M129, M130, M131, M132, M134, M137, M142, M144, M151, M153, M154, M160, M164, M169, M172, M174, M180, M181, M182, M184, M185, M186, M200, M202, M206, M215, M216, M217, M218, M219, M222, M223, M224, M226, M238, M241, M274, M275, M276, M280, M286, M290, M292, M294, M296, M298, M299, M310, P001, P005, P008, P011, P012, P024, P025, P026, P027, P028, P029, P033, P034, P042, P044, P046, P049, P051, P052, P053, P062, P064, P065, P067, P069, P070, P071, P076, P077, P078, P080, P081, P083, P085, P096, P098, P103, P104, P105, P109, P110, P125, P147, P148, P155, P156, P164, P180, P181, P182, P183, P185, P186, P189, P190, P195, P196

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Physical waste form (e.g., glovebox materials and chemicals handled during glovebox operations, if applicable), assigned summary category group, waste matrix code and materials inputs, including waste material parameters present in the waste stream. Includes events or processes that may have modified the physical properties of the waste stream after generation.	WS9	Y	D089, D090, D091, C011, C014, C017, C027, C031, C033, C035, C039, C056, C081, C083, C102, C104, C105, C121, C122, C135, C136, C142, C150, C153, C156, C157, C163, C164, C175, C176, C177, C179, C200, C201, C225, C233, C237, D002, D004, D007, D008, D009, D010, D011, D013, D014, D017, D018, D019, D023, D024, D025, D026, D028, D029, D030, D032, D041, D045 D060, D063, D065, D066, D092, DR004, DR005, DR008, DR029, M023, M024, M026, M028, M029, M030, M037, M041, M043, M044, M045, M053, M054, M057, M061, M067, M069, M072, M074, M076, M084, M085, M086, M088, M089, M090, M093, M095, M096, M097, M098, M099, M103, M112, M113, M116, M123, M125, M126, M127, M129, M130, M131, M132, M137, M142, M144, M151, M156, M158, M172, M174, M180, M181, M182, M186, M206, M215, M216, M217, M218, M219, M222, M224, M226, M234, M238, M241, M242, M273, M274, M275, M276, M296, M298, M316, P014, P024, P025, P026, P027, P029, P033, P044, P045, P046, P049, P051, P052, P053, P056, P064, P065, P067, P069, P070, P071, P076, P078, P080, P081, P083, P085, P090, P091, P096, P097, P103, P104, P157, P159, P165, P170, P188, P198, U002, U004, U007

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Waste identifiers assigned by the generator site (e.g., item description code, packaging identification numbers).	WS10	Y	C230, C194, C198, C199, C200, C210, C211, C213, C216, D008, D009, D018, D025, D029, D037, D041, D067, D068, DR005, M157, M215, M216, M217, M218, M219, M222, M224, M226, M238, M273, M280, M281, M296, M298, M307, P028, P090, P091, P178, P179, U004
Radionuclides present in the waste stream, if available particularly the isotopic distribution of the 10 WIPP-tracked radionuclides and/or the radionuclides that comprise 95% of the radiological hazard of the waste stream, if applicable. Chemical and physical information that could affect the waste isotopic distribution, as well as calculations used to derive the isotopic distribution.	WS11	Y	D089, D090, D091, DR048, C001, C010, C011, C014, C023, C026, C033, C039, C040, C067, C069, C073, C076, C079, C087, C094, C100, C101, C104, C108, C124, C125, C133, C135, C136, C153, C175, C179, C186, C189, C194, C208, C209, C214, C215, C218, C219, C222, C225, C233, C237, D002, D007, D008, D009, D010, D011, D013, D014, D017, D018, D019, D023, D024, D025, D026, D029, D030, D032, D034, D036, D041, D044, D045, D049, D060, D062, D063, D065, D066, D067, D068, D073, D092, DR004, M016, M017, M028, M029, M032, M050, M074, M076, M084, M118, M159, M160, M215, M216, M217, M222, M224, M226, M238, M241, M273, M274, M275, M276, M280, M283, M295, M296, M301, M307, M309, P011, P024, P025, P026, P027, P044, P045, P046, P051, P053, P067, P071, P076, P078, P080, P081, P083, P085, P096, P102, P155, P156, P157, P181, P182, P185, P188

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
State and EPA hazardous waste constituents in the waste stream and state and EPA Hazardous Waste Numbers assigned, including documentation regarding how the site has historically managed the waste, including the historical regulatory status of the waste (i.e., TRU mixed versus TRU non-mixed waste).	WS12	Y	C230, D091, DR048, C005, C009, C010, C016, C020, C031, C033, C035, C038, C039, C041, C061, C076, C079, C080, C087, C089, C095, C102, C105, C117, C121, C147, C157, C176, C187, C194, C196, C197, C199, C200, C202, C205, C211, C214, C237, D002, D004, D007, D008, D009, D010, D011, D013, D019, D023, D024, D025, D028, D029, D030, D032, D036, D041, D048, D049, D055, D073, D074, D075, D077, D078, D081, D092, DR004, M002, M016, M018, M024, M028, M044, M045, M048, M050, M054, M057, M064, M069, M093, M097, M103, M123, M131, M142, M144, M153, M154, M160, M164, M215, M216, M217, M218, M219, M202, M222, M223, M224, M226, M238, M296, M301, M310, P005, P008, P012, P029, P097, P103, P125, P173, P183, P186, P187
Additional acceptable knowledge documentation (briefly describe):			
Process design documents (e.g., Title II Design)	S1	N	NA
Standard operating procedures that may include a list of raw materials or reagents, a description of the process or experiment generating the waste, and a description of the waste generated and how the wastes are managed at the point of generation	S2	Y	D004, D017, D041, D058, D094, M012, M014, M024, M026, M028, M029, M030, M074, M076, M085, M086, M088, M089, M090, M095, M096, M097, M098, M103, M137, M180, M181, M182, M184, M185, M186, M189, M200, M202, M206, M212, M286, M289, M290, M292, M294, M299, M300, M302, M303, M304, P001, P005, P008, P011, P012, P014, P028, P029, P033, P034, P036, P045, P046, P064, P067, P069, P080, P094, P095, P096, P097, P098, P104, P105, P154,P155, P156, P157, P158, P159, P160, P161, P162, P163, P164, P165, P166, P167, P168, P169, P170, P177, P180, P181, P182, P183, P185, P186, P189, P190

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Preliminary and Final Safety Analysis Reports and technical safety requirements	S3	Y	D014, D045, D068, P147, P148
Waste Packaging records	S4	Y	D004, M018, M019, M215, M216, M217, M218, M219, M224, M273, M296, P090, P091
Test plans or research project reports that describe the reagents, radionuclides, and other raw materials used in experiments	S5	Y	D090, C186, C189, D028, M306
Site databases (e.g., chemical inventory database for SARA Title III requirements, SNM or nuclear material databases)	S6	Y	C101, C216, M156, M157, M158, M159, M222, M298, M307, U004
Information from site personnel (e.g., documented interviews)	S7	Y	C001, C002, C005, C010, C011, C014, C017, C018, C019, C020, C023, C026, C027, C031, C033, C035, C037, C038, C039, C040, C041, C047, C056, C057, C061, C062, C064, C066, C067, C068, C069, C073, C076, C082, C083, C085, C087, C089, C092, C094, C098, C102, C104, C105, C108, C113, C117, C121, C129, C130, C131, C188, C189, C190, C192, C194, C195, C197, C199, C200, C201, C209, C210, C213, C220, D017, M273, P109, P110
Standard industry documents (e.g., industry specification sheets, handbooks, reference materials, or other vendor information)	S8	Y	D055
Analytical data relevant to the waste stream, including results from fingerprint analyses, spot checks, routine verification sampling or other processes that collected information pertinent to the waste stream. This may include new information (or previously collected data) which augments required information (e.g., visual examination not performed in compliance with CCP-PO-001, radiography screening for prohibited items).	S9	Y	C087, C113, C196, D029, DR001, DR004, DR005, M002, M273, M283, P187
Material Safety Data Sheets, product labels, or other product information	S10	Y	C009, C121, M154, M284
Laboratory notebooks that detail the research processes and raw materials used in an experiment	S11	Y	M281
Comparable or surrogate sampling and analysis data	S12	Y	P187

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MHD01.001

Acceptable Knowledge Information	(1)AK#	Compiled? (Y/N)	Source Document Tracking Number
Other (describe)	S13	N	NA
Safeguards and security, Materials Control and Accountability, and other nuclear material control system data Reports of nuclear safety or criticality accidents involving special nuclear materials (SNM)	S14	Y	D093, P090, P096, P177
NMMA logs or inventory records or waste disposal logs providing SNM or nuclear material information	S15	Y	C188, D026, M215, M216, M217, M218, M219, M224, M226, M238, M296
Packaging	S16	Y	D091, C002, C056, C062, C135, C136, C142, C144, C149, C156, C163, C164, C177, D002, D013, D014, D018, D023, D024, D025, D034, D037, D041, D056, D068, D085, D092, DR007, DR008, M215, M216, M217, M218, M219, M220, M224, M226, M238, M273, M281, M296, P008, P012, P090, P091, P096, P098, P159, P163, P164, P166, P167, P168, P169, P170, P173, P175, P177, P183, P186, P188, P192, P194, P195, P196, P197, P199, P203, P204, U002, U007

Acceptable knowledge information regarding waste generated off-site or from similar process: NA

(1) AK#s are used as identifiers for program, waste stream-specific and supporting elements. The identifiers are to be used in the Acceptable Knowledge Source Document Summary and Acceptable Knowledge Information List to aid in the page location of program and waste stream-specific elements within a given document. N/A means that item is not applicable.

a. Specified in CCP-PO-001.
b. Required for OSR containers that will **NOT** undergo headspace gas sampling and analysis.

Additional comments: NA

All required AK information has been compiled and source document tracking numbers assigned.

Acceptable Knowledge Expert: Amy Johns / Amy Johns Date: 06/09/2014
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Attachment 1 - Acceptable Knowledge Documentation Checklist

Site(s): Los Alamos National Laboratory

Waste Stream Description: Sealed Source Non-Hazardous Defense Debris Waste

Waste Stream Number(s): LA-OS-00-01.001

Acceptable Knowledge Information	(1) AK#	Compiled? (Y/N)	Source Document Tracking Number
Mandatory generator site TRU waste program (PR) information:			
Map of the generator site that identifies TRU waste generation, treatment, and storage areas.	PR1	Y	M029, M030, P003
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	PR2	Y	C002, C004, C005, C006, C011, C019, C059, D001, D003, D004, D007, D008, D011, D013, D015, D025, D030, M001, M004, M053, M077, P003
Overview of the generator site and generator site TRU waste management operations in the context of the facility's mission.	PR3	Y	C006, D003, D004, D005, D008, D023, M033
Descriptions of historical and current TRU waste generating operations, including how waste is tracked and managed and/or how operations relative to isotopic composition were tracked.	PR4	Y	C002, C004, C007, C009, C014, C016, D002, D003, D004, D007, D010, D011, D013, D016, D023, D024, D028, DR009, M004, M005, M041, M056, M236, P003, P004
Waste identification and/or categorization schemes and terminology used at the generator site, including codes correlating to specific isotopic distributions.	PR5	Y	C023, D016, D020, M018, M034, M042, M046, M063, M066, M071, M236, P003, P004
Types and quantities of TRU waste generated, including historical generation through future projections.	PR6	Y	C020, C021, M006, M031, M055, M116, M173
Correlation of waste streams and description of time of generation, waste generating processes, and area and building/facility where each waste stream was generated.	PR7	Y	C002, C006, C023, M003, M056
Certification procedures for waste to be sent to the WIPP facility (i.e., procedures to ensure that prohibited items are documented and managed in accordance with site-specific certification plans).	PR8	Y	C061, C062, P001, P002, P003, P004, P005
Mandatory generator site TRU waste stream (WS)-specific information:			
Waste stream designation	WS1	Y	C029, C037, C039, C043, C065, P003
Area(s) and building(s) from which the waste stream was or is generated.	WS2	Y	C014, C018, D007, D023, M003, M006, M013, M015, M017, M018, M020, M025, M026, M038, M045, M046, M053, M063, M065, M121
Waste stream volume and time period of generation	WS3	Y	C002, C004, C011, C020, C021, C023, C028, C030, C039, C043, C065, D003, D004, D006, D023, D024, DR003, DR004, DR008, DR009, DR010, DR011, M001, M017, M025, M026, M043, M047, M048, M049, M055, M057, M063, M071, M119, M120, M121, M122, M135, P003

NTPC RECORDS ORIGINAL
DATE REC'D 7/28/2014

Attachment 1 - Acceptable Knowledge Documentation Checklist (continued)

Waste Stream Number(s): LA-OS-00-01.001

Acceptable Knowledge Information	(1) AK#	Compiled? (Y/N)	Source Document Tracking Number
Waste generating process (describe for each building) including processes associated with U134 waste generation, if applicable.	WS4	Y	C002, C004, C012, C039, C043, C065, C066, D007, D023, D028, M004, M053, M119, P003
Process flow diagrams. For research/development, analytical laboratory waste, or other similar processes where process flow diagrams cannot be created, a description of the waste generating processes, rather than a formal process flow diagram, may be included, if justified.	WS5	Y	D007
Summary of basis and rationale for delineating each waste stream including justification for combining waste historically managed separately as TRU mixed and TRU non-mixed waste streams into a single waste stream, that is traceable to referenced documents.	WS6	Y	C002, C032, C035, M026
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	WS7	Y	C002, C004, C005, C006, C011, C018, C019, C039, C043, C059, C065, D001, D003, D004, D005, D008, D011, D013, D015, D025, D030, M004, M053, P003
Material inputs or other information that identified the chemical contents of the waste and the stream. Includes events or processes that may have modified the chemical properties of the waste stream after generation.	WS8	Y	C001, C006, C039, C043, C065, C066, D001, D003, D005, D006, D008, D010, D011, D014, D023, D031, M004, M007, M016, M021, M028, M031, M033, M035, M040, M043, M054, M060, M061, M064, M074, M077, M085, M093, M117, M118, M119, M201, M210, M222, P001, P003, P005
Physical waste form (e.g., glovebox materials and chemicals handled during glovebox operations, if applicable), assigned summary category group, waste matrix code and materials inputs including waste materials parameters present in the waste stream. Includes events or processes that may have modified the chemical properties of the waste stream after generation.	WS9	Y	C002, C006, C016, C039, C043, C065, C066, D002, D005, D006, D008, D010, D011, D012, D014, D015, D024, D028, M001, M005, M012, M014, M019, M025, M026, M027, M031, M033, M034, M040, M041, M042, M046, M047, M048, M049, M054, M056, M063, M066, M085, M091, M098, M099, M111, M119, M121, M122, M145, M200, M201, M210, M222, M226, M236, P003
Waste identifiers assigned by the generator site (e.g., item description code, packaging identification numbers).	WS10	Y	C007, C030, D030, M001, M026, M027, M120, M135, M197, M236

Attachment 1 - Acceptable Knowledge Documentation Checklist (continued)

Waste Stream Number(s): LA-OS-00-01.001

Acceptable Knowledge Information	(1) AK#	Compiled? (Y/N)	Source Document Tracking Number
Specification of the isotopic ratios for the ten WIPP-tracked radionuclides and all radionuclides other than the ten WIPP-tracked radionuclides that contribute to 95 percent of the radioactive hazard for a payload container. Chemical and physical information that could affect the waste isotopic distribution, as well as calculations used to derive the isotopic distribution.	**WS11**	Y	C003, C006, C007, C010, C012, C013, C014, C016, C017, C019, C020, C022, C023, C026, C027, C028, C029, C030, C031, C037, C038, C039, C040, C043, C045, C059, C060, C061, C065, D002, D005, D006, D007, D008, D009, D010, D011, D012, D013, D015, D016, D017, D018, D019, D020, D021, D023, D024, D025, D028, D029, D031, DR001, DR002, DR003, DR004, DR005, DR006, DR007, DR008, DR009, DR010, DR011, M001, M003, M005, M006, M007, M008, M009, M010, M011, M013, M015, M016, M017, M018, M019, M020, M021, M022, M023, M024, M025, M026, M027, M028, M033, M034, M035, M036, M037, M038, M040, M041, M042, M043, M044, M045, M046, M047, M048, M049, M050, M051, M052, M053, M054, M056, M057, M059, M063, M064, M065, M066, M070, M071, M074, M075, M076, M077, M078, M079, M080, M081, M082, M083, M084, M085, M086, M087, M088, M089, M090, M091, M092, M093, M094, M095, M096, M097, M098, M099, M100, M101, M102, M103, M104, M105, M107, M108, M109, M110, M111, M112, M113, M115, M116, M117, M118, M119, M120, M121, M122, M123, M124, M125, M126, M127, M128, M129, M130, M131, M132, M133, M134, M136, M137, M138, M139, M140, M141, M142, M143, M144, M145, M146, M147, M148, M149, M150, M151, M152, M153, M154, M155, M156, M157, M158, M159, M160, M161, M162, M163, M164, M165, M166, M167, M169, M170, M171, M174, M175, M176, M177, M178, M179, M180, m183, M184, M185, M186, M187, M188, M189, M190, M191, M192, M193, M194, M195, M196, M197, M198, M199, M200, M201, M202, M210, M222, M224, M226, M229, M234, M235, M236, P003

Attachment 1 - Acceptable Knowledge Documentation Checklist (continued)

Waste Stream Number(s): LA-OS-00-01.001

Acceptable Knowledge Information	(1) AK#	Compiled? (Y/N)	Source Document Tracking Number
State and EPA hazardous waste constituents in the waste stream and state and EPA Hazardous Waste Numbers assigned, including documentation regarding how the site has historically managed the waste, including the historical regulatory status of the waste (i.e., TRU mixed versus TRU non-mixed waste).	WS12	Y	C001, C002, D002, D031, M003, M004, M031, M033, M035, M039, M061, M145
Additional acceptable knowledge documentation (briefly describe):			
Process design documents (e.g., Title II Design)	S1	Y	D028, M124
Standard operating procedures that may include a list of raw materials or reagents, a description of the process or experiment generating the waste, and a description of the waste generated and how the wastes are managed at the point of generation	S2	Y	M053, P001, P002, P003, P004, P005
Preliminary and Final Safety Analysis Reports and technical safety requirements	S3	Y	M129, M130
Waste Packaging records	S4	Y	C029, C030, C037, C039, C043, C065, M031, P001
Test plans or research project reports that describe the reagents, radionuclides, and other raw materials used in experiments	S5	Y	D006, D022, M038
Site databases (e.g., chemical inventory database for SARA Title III requirements, SNM or nuclear databases)	S6	Y	C021, M006, M017, M135
Information from site personnel (e.g., documented interviews)	S7	Y	C009, C012, C013, C016, C018, C045, C064, D031, M003, M053, M234
Standard industry documents (e.g., industry specification sheets, handbooks, reference materials, or other vendor information)	S8	Y	C040, D028, DR010, M002, M005, M021, M024, M046, M066, M069, M129, M169, M210, M222
Analytical data relevant to the waste stream, including results from fingerprint analyses, spot checks, routine verification sampling or other processes that collected information pertinent to the waste stream. This may include new information (or previously collected data) which augments required information (e.g., visual examination not performed in compliance with CCP-PO-001, radiography screening for prohibited items)	S9	Y	C012, C040, DR010, M028, M197
Material Safety Data Sheets, product labels, or other product information	S10	Y	M236
Laboratory notebooks that detail the research processes and raw materials used in an experiment	S11	Y	M071
Comparable or surrogate sampling and analysis data	S12	Y	M002, M025
Other (describe)	S13	Y	C027, C028, C032, C035, M025, M133
Safeguards and security, Materials Control and Accountability, and other nuclear material control system data Reports of nuclear safety or criticality accidents involving special nuclear materials (SNM)	S14	Y	M172, M173
NMMA logs or inventory records or waste disposal logs providing SNM or nuclear material information	S15	Y	M116

Attachment 1 - Acceptable Knowledge Documentation Checklist (continued)

Waste Stream Number(s): LA-OS-00-01.001

Acceptable Knowledge Information	(1) AK#	Compiled? (Y/N)	Source Document Tracking Number
Packaging	S16	Y	C008, C015, C016, C028, C031, C032, C039, C043, C065, C066, D004, D015, D031, M001, M003, M019, M031, M069, M197, M210, M226
OSR-Specific Information (Applies only to sealed sources)			
Evidence that the waste meets the definition of a sealed source reference 10CFR30.4 and 10CFR835.2	O1	Y	C029, C037, C060, D005, D008, D031, M021, M022, M023, M024, M025, M031, M053, M115, M125, M126, M127, M128, M134, M139, M141, M142, M143, M144, M146, M148, M150, M151, M152, M153, M158, M161, M210, P001
Documentation that sources are Special Form, such as certificates DOT Special Form Class 7 per 49CFR173.403	O2	Y	C007, C029, C037, C060, D005, D008, D010, D011, D012, D022, M022, M034, M045, M069, M074, M075, M081, M082, M089, M090, M092, M096, M097, M102, M103, M104, M105, M107, M108, M109, M111, M114, M115, M116, M123, M125, M126, M129, M132, M138, M139, M141, M142, M143, M144, M145, M146, M148, M150, M151, M152, M153, M155, M156, M157, M158, M159, M160, M163, M164, M167, M170, M177, M179, M180, M184, M185, M186, M187, M188, M189, M190, M191, M193, M194, M195, M196, M198, M201, M202, M210, M224, M234, M235, M236, P001
Contamination survey results for each source reference requirements of 10CFR34.27	O3	Y	C029, C037, M022, M024, M025, M027, M032, M087, M097, M098, M104, M116, M117, M134, M136, M137, M141, M143, M148, M161, M167, M171, M174, M175, M176, M179, M180, m183, M184, M185, M186, M187, M188, M193, M194, M200, M201, M202, M224, M234, M235
Source manufacturer's sales catalogues	O4	Y	C001, C017, D002, D014, D028, M005, M031, M033, M133, P001
Source purchase records	O5	Y	C015, M002, M061, P005
Manufacturer fabrication documents	O6	Y	D008, D010, D031, M041, M042, M046, M100, M106, M109, M111, M114, M143, M144, M152, M154, M159, M161, M162, M164, M171, M174, M176, M177, m183, M194, M197, M198, M202, M210, M226, M236

Attachment 1 - Acceptable Knowledge Documentation Checklist (continued)

Waste Stream Number(s): LA-OS-00-01.001

Acceptable Knowledge Information	(1) AK#	Compiled? (Y/N)	Source Document Tracking Number
Manufacturer drawings	O7	Y	D023, D031, M007, M024, M025, M038, M054, M076, M078, M079, M080, M082, M086, M088, M089, M091, M094, M095, M110, M123, M124, M125, M127, M129, M143, M150, M151, M152, M154, M155, M156, M157, M158, M159, M161, M163, M175, M176, M177, M179, M180, M188, M192, M193, M197, M198, M236
Fuel capsule assembly reports	O8	Y	C023, D008, D028, D029, D031, M005, M007, M025, M026, M038, M069, M070, M071, M074, M075, M076, M077, M078, M079, M080, M089, M090, M092, M094, M098, M107, M110, M117, M118, M122, M123, M124, M125, M126, M127, M128, M131, M132, M133, M134, M135, M136, M137, M138, M139, M141, M142, M143, M146, M147, M155, M156, M159, M160, M161, M164, M165, M167, M169, M171, M175, M176, M177, M178, M179, M180, M183, M184, M185, M186, M187, M188, M189, M190, M191, M193, M194, M195, M196, M198, M201, M202, M224, M234, M235, M236
Manufacturer's operational procedures for meeting cleanliness requirements	O9	Y	C038, C040, C041, C060, D002, D005, D008, D010, D011, D024, M005, M012, M025, M026, M027, M034, M038, M041, M042, M046, M054, M069, M075, M076, M077, M078, M079, M080, M083, M088, M089, M090, M092, M094, M098, M101, M106, M107, M110, M111, M112, M113, M114, M117, M118, M122, M123, M125, M126, M127, M130, M131, M132, M133, M139, M140, M142, M143, M144, M145, M150, M151, M152, M153, M155, M157, M161, M162, M169, M171, M174, M175, M176, M177, m183, M187, M188, M194, M195, M200, M202, M210, M236
Manufacturer's shipping documents or records	O10	Y	M025, M044, M047, M048, M049, M070, M076, M077, M095, M126, M127, M128, M130, M133, M143, M145, M150, M153
Manufacturer welding records	O11	Y	M007, M046, M077, M123, M127, M128, M130, M142, M152, M197

Attachment 1 - Acceptable Knowledge Documentation Checklist (continued)

Waste Stream Number(s): LA-OS-00-01.001

Acceptable Knowledge Information	(1) AK#	Compiled? (Y/N)	Source Document Tracking Number
TRU batch material records	O12	Y	D006, D008, D023, DR002, DR003, DR006, DR008, DR009, M005, M007, M013, M015, M016, M017, M018, M024, M025, M026, M027, M038, M043, M052, M056, M057, M063, M064, M065, M066, M074, M091, M093, M121, M125, M126, M127, M129, M132, M136, M143, M150, M152, M154, M159, M163, M170, M174, M175, M176, M177, M178, M179, M180, M184, M185, M186, M187, M188, M191, M192, M193, M194, M195, M197, M199, M201, M202, M222, M224, M234
National database radiological information (e.g., NMMSS, NRC Device Registry)	O13	Y	D031, M007, M014, M075, M113, M117, M123, M125, M126, M128, M133, M138
NRC or agreement state regulatory licensing information	O14	Y	M015, M016, M017, M021, M026, M028, M081, M124
Documentation of physical markings on the outer source casing or labels attached to devices housing sources	O15	Y	C017, C038, C041, D008, D031, DR002, DR003, DR004, DR006, DR009, M005, M006, M020, M066, M083, M084, M085, M087, M098, M099, M101, M107, M112, M127, M132, M139, M142, M143, M144, M146, M147, M151, M153, M154, M155, M156, M157, M158, M159, M160, M161, M162, M163, M164, M165, M166, M170, M171, M174, M175, M177, M178, m183, M188, M192, M193, M195, M197, M198, M200, M201, M202, M234
Unique physical description attributed to specific source models	O16	Y	C014, D005, M005, M020, M022, M053, M082, M123, M127, M133, M143, M147, M152, M159, M161, M169, m183, M198, M224, M236, P004

Attachment 1 - Acceptable Knowledge Documentation Checklist (continued)

Acceptable knowledge information regarding waste generated off-site or from similar process:
(1) AK#s are used as identifieres for program, waste stream-specific and supporting elements. The identifiers are to be used in the Acceptable Knowledge Source Document Summary and Acceptable Knowledge Source Document Information list to aid in the page location of program and waste stream-specific elements within a given document. N/A means that item is not applicable.

Additional Comments:

7/24/2014

All required AK information has been compiled and source document tracking numbers assigned.

Acceptable Knowledge Expert: Sherry Auckland
Print/Sign

Date: 7/24/2014

DIVIDER PAGE

Attachment 1 – Acceptable Knowledge Documentation Checklist

Page 1 of 5

Site(s): Los Alamos National laboratory

Waste Stream Description: Mixed Contaminated Soil Generated at TA-21

Waste Stream Number(s): LA-MSG04.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Mandatory generator site TRU waste program (PR) information:			
Map of the generator site that identifies TRU waste generation, treatment, and storage areas.	PR1	Y	D008, D010, D035, D077, D083, P036
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	PR2	Y	C022, D022, D033, D054, D055, D059, D063, D065, D066, D068, D070, D081, P036, P037
Overview of the generator site and generator site TRU waste management operations in the context of the facility's mission.	PR3	Y	D036, D037, D038, D039, D040, D041, D059, D065, D066, D081, P017, P036, P037
Descriptions of historical and current TRU waste generating operations, including how waste is tracked and managed and/or how operations relative to isotopic composition were tracked.	PR4	Y	C001, C002, C005, C006, C009, C021, C026, C030, C031, D001, D002, D004, D006, D008, D010, D011, D014, D016, D018, D019, D025, D027, D029, D031, D035, D036, D037, D038, D039, D040, D041, D042, D043, D044, D045, D046, D052, D053, D054, DF055, D056, D057, D058, D065, D066, D068, D069, D070, D080, D081, P009, P015, P016
Waste identification and/or categorization schemes and terminology used at the generator site, including codes correlating to specific isotopic distributions.	PR5	Y	C006, C021, D007, D009, D023, D028, D034, D077, D078, D079, D080, D081, D083, M003, M008, M009, M012, M016, M017, M018, M229, P017, P018
Types and quantities of TRU waste generated, including historical generation through future projections.	PR6	Y	C033, C037, C038, C040, C042, D010, D070, D072, D073, D074, D075, D076, D077, D078, D079, D081, D083, D086, DR002, DR005, M003, M012, M016, M017, M018, M229, P014, P029, P033, P034, P036

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MSG04.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Correlation of waste streams and description of time of generation, waste generating processes, and area and building/facility where each waste stream was generated.	PR7	Y	C001, C003, C005, C009, C034, C036, C038, D003, D004, D005, D028, D036, D037, D038, D039, D040, D041, D060, D065, D066, D068, D069, D070, D072, D073, D074, D075, D076, D077, D078, D079, D083, D086, DR001, DR002, DR005, M001, M003, M008, M012, M016, M017, P013, P014, P029, P030, P032, P033, P034, P035, P036, P039, U001
Certification procedures for waste to be sent to the WIPP facility (i.e., procedures to ensure that prohibited items are documented and managed in accordance with site-specific certification plans).	PR8	Y	C023, D026, D062, D081, M012, P015, P016, P019, P020, P021, P028, P030, P033
Mandatory generator site TRU waste stream (WS)-specific information:			
Waste stream designation	WS1	Y	D060, D065, D081, M003, M012, P036
Area(s) and building(s) from which the waste stream was or is generated.	WS2	Y	C002, C003, C030, C033, C034, C036, C037, C038, D006, D008, D010, D016, D018, D026, D035, D055, D057, D065, D066, D068, D069, D070, D072, D073, D074, D075, D076, D077, D078, D079, D080, D081, D086, DR001, DR002, DR005, M008, M012, M015, M016, M017, M020, P003, P004, P007, P013, P014, P029, P030, P032, P033, P034, P035, P036, P039, U001
Waste stream volume and time period of generation	WS3	Y	C003, C026, C033, C037, C038, C040, C042, D028, D035, D036, D037, D038, D039, D040, D041, D065, D070, D072, D073, D074, D075, D076, D077, D078, D079, D083, DR002, DR005, M003, M012, M015, M016, M017, M018, M020, M229, P014, P029, P034, P036, U001
Waste generating process (describe for each building) including processes associated with U134 waste generation, if applicable.	WS4	Y	C001, C030, C038, D004, D005, D007, D009, D016, D018, D032, D036, D037, D038, D039, D040, D041, D055, D065, D066, D068, D069, D070, D080, DR002, M001, M008, M015, M020, P036

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)
Page 3 of 5

Waste Stream Number(s): LA-MSG04.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Process flow diagrams. For research/development, analytical laboratory waste, or other similar processes where process flow diagrams cannot be created, a description of the waste generating processes, rather than a formal process flow diagram, may be included, if justified.	WS5	Y	C031, D010, D011, D028, D072, D074, D083, P029, P033, P034, P037
Summary of basis and rationale for delineating each waste stream including justification for combining waste historically managed separately as TRU mixed and TRU non-mixed waste streams into a single waste stream, that is traceable to referenced documents.	WS6	Y	D065, M012, P021
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	WS7	Y	C022, D022, D033, D065, D066, D068, D070, D081, P036, P037
Material inputs or other information that identified the chemical contents of the waste and the stream. Includes events or processes that may have modified the chemical properties of the waste stream after generation.	WS8	Y	C008, C023, C027, C035, C038, C042, D004, D011, D015, D017, D025, D027, D029, D036, D037, D038, D039, D040, D041, D043, D050, D054, D056, D062, D065, D072, D073, D075, D076, D077, D078, D079, D081, D083, D085, D086, DR001, DR005, M010, M012, M015, M017, M018, M019, M020, P009, P012, P030
Physical waste form (e.g., glovebox materials and chemicals handled during glovebox operations, if applicable), assigned summary category group, waste matrix code and materials inputs, including waste material parameters present in the waste stream. Includes events or processes that may have modified the physical properties of the waste stream after generation.	WS9	Y	C008, C023, C027, C033, C034, C037, C038, C042, D011, D016, D019, D020, D029, D036, D037, D038, D039, D040, D041, D047, D048, D049, D051, D055, D056, D060, D065, D070, D080, D083, D086, DR005, M008, M012, M015, M019, M020, M229, P011, P012, P031, P033, P036, U002
Waste identifiers assigned by the generator site (e.g., item description code, packaging identification numbers).	WS10	Y	D018, D065, D077, D078, D079, D083, M012, M015, M016, M017, M018, M020

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)
Page 4 of 5

Waste Stream Number(s): LA-MSG04.001

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Specification of the isotopic ratios for the ten WIPP-tracked radionuclides and all radionuclides other than the ten WIPP-tracked radionuclides that contribute to 95 percent of the radioactive hazard for a payload container. Chemical and physical information that could affect the waste isotopic distribution, as well as calculations used to derive the isotopic distribution.	WS11	Y	C002, C033, C037,C038, C040, C042, D010, D020, D021, D034, D036, D037, D038, D039, D040, D041, D043, D048, D050, D055, D060, D065, D070, D071, D072, D073, D075, D076, D077, D078, D079, D081, D083, D085, D086, M009, M015, M017, M018, M019, M020, P017
State and EPA hazardous waste constituents in the waste stream and state and EPA Hazardous Waste Numbers assigned, including documentation regarding how the site has historically managed the waste, including the historical regulatory status of the waste (i.e., TRU mixed versus TRU non-mixed waste).	WS12	Y	C023, C040, C042, D015, D017, D060, D065, D080, D081, D083, D085, D086, DR001, DR005, M008, M012, M015, M020, P017
Additional acceptable knowledge documentation (briefly describe):			
Process design documents (e.g., Title II Design)	S1	N	NA
Standard operating procedures that may include a list of raw materials or reagents, a description of the process or experiment generating the waste, and a description of the waste generated and how the wastes are managed at the point of generation	S2	Y	D029, D080, P001, P002, P003, P004, P007, P009, P010, P011, P012, P015, P018, P020
Preliminary and Final Safety Analysis Reports and technical safety requirements	S3	Y	D014, D079
Waste Packaging records	S4	Y	D080, DR001, DR005, P019, P020
Test plans or research project reports that describe the reagents, radionuclides, and other raw materials used in experiments	S5	Y	C008, D047, D048, D050, D051
Site databases (e.g., chemical inventory database for SARA Title III requirements, SNM or nuclear material databases)	S6	Y	M002, M004, M008, M009
Information from site personnel (e.g., documented interviews)	S7	Y	C004, C006, C007, C011, C013, C014, C015, C016, C017, C018, C019, C020, D013, M229
Standard industry documents (e.g., industry specification sheets, handbooks, reference materials, or other vendor information)	S8	Y	D017, P035
Analytical data relevant to the waste stream, including results from fingerprint analyses, spot checks, routine verification sampling or other processes that collected information pertinent to the waste stream. This may include new information (or previously collected data) which augments required information (e.g., visual examination not performed in compliance with CCP-PO-001, radiography screening for prohibited items).	S9	Y	C040, D023
Material Safety Data Sheets, product labels, or other product information	S10	Y	M010

Attachment 1 – Acceptable Knowledge Documentation Checklist (Continued)

Waste Stream Number(s): LA-MSG04.001

Acceptable Knowledge Information	(1)AK#	Compiled? (Y/N)	Source Document Tracking Number
Laboratory notebooks that detail the research processes and raw materials used in an experiment	S11	Y	M016, M017
Comparable or surrogate sampling and analysis data	S12	Y	D017
Other (describe)	S13	Y	C007, DR002
Safeguards and security, Materials Control and Accountability, and other nuclear material control system data Reports of nuclear safety or criticality accidents involving special nuclear materials (SNM)	S14	N	NA
NMMA logs or inventory records or waste disposal logs providing SNM or nuclear material information	S15	Y	M012
Packaging	S16	Y	C002, C025, C034, D001, D026, D062, D073, D074, D079, D081, M003, M008, M012, M014, M016, M018, P011, P021, P028, P029, P030, P031, P032, P034, P035, P036, P039, U002
Acceptable knowledge information regarding waste generated off-site or from similar process:			

(1) AK#s are used as identifiers for program, waste stream-specific and supporting elements. The identifiers are to be used in the Acceptable Knowledge Source Document Summary and Acceptable Knowledge Information List to aid in the page location of program and waste stream-specific elements within a given document. N/A means that item is not applicable.

Additional comments: NA

All required AK information has been compiled and source document tracking numbers assigned.

Acceptable Knowledge Expert: Amy Johns / Amy Johns Date: 06/19/2014
Print Sign

Attachment 4 - Acceptable Knowledge Source Document Information List

Site(s): Los Alamos National Laboratory

Waste Stream Number: LA-MHD01.001

Waste Stream Description: Combustible

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C001	Assay of U-234	Michael Baker, RRES-AT	TWCP-09810	September 12, 2002
C002	Vent and Closure dates for TWISP containers submitted to WWIS	Barbara Trujillo, RRES-CE	TWCP-12302	March 24, 2003
C003	Simulated Transportation of Sludge Drums	Al Zerwekh, HSE-7	TWCP-02785	November 14, 1986
C004	Special Processing, Pyrochemical and Metal Operations (Acceptable Knowledge Personnel Interview Form)	Jim Foxx (Person Interviewed)	NA	1/20/2000
C005	TA-55 Pu-238 Processes Issues and SMEs (Acceptable Knowledge Personnel Interview Form)	Jim Foxx, Gary Rinehart (Persons interviewed)	PU238-20 (TWCP-03545)	12/22/1999
C006	Hanford Reservation (HRA) as a Source of TA-55 Waste	Jim Foxx (Person interviewed)	TWCP-05371	April 2, 2001
C007	Segregation of Pu-238 Processing	Charles L. Foxx (Memo to TWCP Records Center)	TWCP-934	August 21, 1997
C008	Memo from SRS re: the SRS Process for Producing Pu-238 Used at TA-55	NA	NMS-EHB-970073 (TWCP-1044)	12-Mar-97
C009	Electronic Communication from the Author	Franz Friebe	TWCP-18420	8/14/2002
C010	Interview with R. Gutierrez, SME, re: P/S Code PE	NA	TWCP-3541	Met-54, 2/17/2000
C011	Interview with Dale Soderquist, SME re: P/S Code DA	NA	TWCP-3541	Met 55, 2/28/2000
C012	Interview with D. Kolman re: P/S re: P/S Code TIGR	NA	TWCP-3541	Met-56, 3/2/2000
C013	Interview with J. Aasen, SME re: P/S Code FSPF	NA	TWCP-3541	Met-57, 3/7/2000
C014	Interview with J. Milewski, SME, re: P/S Code ELW	NA	TWCP-3541	Met-60, 2/29/2000

CCP RECORDS ORIGINAL
DATE REC'D 8/26/05 mc

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C015	Interview with R. Oleary, SME, re: P/S Code PIG	NA	TWCP-3541	Met-61, 2/29/2000
C016	Interview with M. Blau and D. Spearing, SMEs, re: P/S Code MBC	NA	TWCP-3541	Met-63, 3/8/2000
C017	Interview with B. Martinez, SME, re: P/S Codes RAP, RAP2, FSPF, PF, JA and BC	NA	TWCP-3541	Met-64, 2/29/2000
C018	Interview with J. Simpson, SME, re: P/S Code RL	NA	TWCP-3541	Met-65, 2/28/2000
C019	Interview with G. Zaker, SME, re: P/S Code MA and Chemicals Used in Machining	NA	TWCP-3541	Met-67, 3/15/2000
C020	Interview with G. Zaker, SME, re: P/S Code CA	NA	TWCP-3541	Met-68, 3/29/2000
C021	Interview with J. Foxx, SME, , re: TCE Use in P/S Code MA	NA	TWCP-3541	Met-76, 6/29/2000
C022	Interview with J. Foxx	NA	(TWCP-3545)	P238-20, 23, 1/17/2000
C023	Interview with G. Jarvinen re: P/S Codes AD, APD	NA	TWCP-3546	M-034, 2/16/2000
C024	Interview with J. Foropoulos re: P/S Codes CK, CV, EXT, FLU, SO, IE, LI	NA	TWCP-3546	M-035, 2/16/2000
C025	Interview with T. Mills re: P/S Codes FDL, HRS	NA	TWCP-3546	M-036, 2/16/2000
C026	Interview with L. Avens re: P/S Codes MAS, SA	NA	TWCP-3546	M-037, 3/2/2000
C027	Interview with B. Zwick and J. Byrd re: P/S Codes AC1 and AC2	NA	TWCP-3546	M-038, 3/1/2000
C028	Interview with M. Reimus re: P/S Code EOC	NA	(TWCP-3546)	M-040, 2/17/2000
C029	Interview with D. Wedman re: P/S Code EDC	NA	TWCP-3546	M-041, 2/16/2000
C030	Interview with J. Byrd re: P/S Code RASS/RSS	NA	TWCP-3546	M-043, 3/1/2000
C031	Interview with C. Davis re: P/S Code SMP	NA	TWCP-3546	M-044, 3/1/2000
C032	Interview with K. Fife re: P/S Code VS	NA	TWCP-3546	M-045, 3/1/2000
C033	Interview with J. Foxx re: P/S Codes RD, NCD, WM, and XO/XO	NA	TWCP-3546	M-046, 6/23/2000
C034	Interview with M. Martinez re: P/S Code LIBS	NA	TWCP-3546	M-047, 2/29/2000
C035	Interview with R. Masen re: P/S Code ME	NA	TWCP-3546	M-048, 3/1/2000
C036	Interview with S. Yarborough re: P/S Code XP	NA	TWCP-3546	M-049, March 10, 2000

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C037	Interview with D. Wulff re: P/S Code XO	NA	TWCP-3546	M-050, 4/17/2000
C038	Interview with John Musgrave - TA-55 Miscellaneous Operations, RD&D Processes	Gary Laswell	TWCP-3546	M-052, 4/26/2000
C039	Interview with J. Foxx re: Process inputs to P/S Code AD	NA	TWCP-3546	M-053, 4/16/2000
C040	Interview with J. Foxx re: P/S Codes PB, PuBe, CC, MB, MS, FF, BF, and other issues	NA	TWCP-4162	October 12, 2000
C041	Interview with J. Foxx re: Use of Lead in P/S Codes DOP	NA	TWCP-5167	2/7/2001
C042	TA-55 waste streams - Timeline for disposal of TA-55 waste with P120	NA	NA	May 7, 2001
C044	TA-55 waste streams - P/S code DOP	NA	NA	February 7, 2001
C045	TA-55 waste streams - Sources of Cs-137, Pa-231, and Cm-244 in TA-55 waste	NA	NA	April 11, 2001
C046	TA-55 waste streams - Sources of Cs-137 and Pa-231 in TA-55 waste	NA	NA	April 2, 2001
C047	Interview with F. Hampel re: Metal Operations Process AK; Information on Chemical Use in P/S code FF	Fred Hampel (person interviewed)	TWCP-05158	April 16, 2001
C048	Waste Stream - All Process Wastes	Jim Foxx, person interviewed	TWCP-04167	10/18/00
C050	Waste Stream: All Process Wastes	NA	NA	10/16/00
C051	Waste Stream: All Process Wastes	NA	NA	10/12/00
C053	TA-55-39 and P/S codes MP, OR, SS, ER, and RM	NA	NA	6/8/99
C054	Air Sparging to Eliminate Pyrophoric Sodium	C. L. Foxx	MST-12-ARO-88-052	February 25, 1988
C055	Data Request- Defense Program(s)	Douglas Sankey	TWCP-614	5/12/97
C056	Layers of Packaging in TA-55 Combustible TRU Waste	C.L. Foxx	NMT7-WM/EC-97-147	Aug. 8, 1997
C057	Commingling of Defense and Nondefense TRU Waste	Charles L. Foxx	TWCP-887	August 21, 1997
C058	Documentation of Assignment of Mixed/Non-mixed Status based on Container AK Information	Catherine Smith	NA	September 22, 2003
C060	Assay of U-234	Michael Baker, RRES-AT	NA	September 12, 2002

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C061	Interview with J. Foxx re: Vanadium, Vanadium Pentoxide, TA-55-19, TA-55-30	NA	TWCP-12081	3/12/03
C062	Wire Twist-Tie and Plastic Electrical Tie Bag Closure	D. Bruce LeBrun, Radioactive Waste Manager, DOE	TWCP-12088	3/13/03
C064	Air Sparging to Eliminate Pyrophoric Sodium	C. L. Foxx	MST-12-ARO-88-052 (TWCP-03731)	February 25, 1988
C065	WACCC Audit Finding #1 (April 27-May 1, 1987)	C.L. Foxx	MST-12-ARO-88-077 (TWCP-03732)	April 7, 1988
C066	Interview with F. Hampel re: Information on Chemical Use in P/S code FF	NA	TWCP-05158	April 16, 2001
C067	Interview with J. Foxx re: Sources of Cs-137, Pa-231, and Cm244 in TA-55 waste	NA	TWCP-05165	April 11, 2001
C068	Interview with J. Foxx re: Timeline for disposal of TA-55 waste with P120	NA	TWCP-05372	May 7, 2001
C069	Ac-227 Drums	Wayne A. Punjak	TWCP-09499	July 10, 2002
C070	P/S Codes SS, CA, and BC for TA-55 Debris Waste; Interview with Mr. Jim Foxx	Kevin Peters	NA	February 17, 2004
C073	Interview of J. Foxx re: Sources of Cs-137 and Pa-231 in TA-55 Waste	J. Fabryka-Martin	LA-UR-01-6170, TWCP-05164	04/02/01
C074	Email to J. Musgrave re: P/S Codes for Special Processing	C. Foxx	NA	01/20/00
C075	Email to J. Musgrave re: P/S code PPD in Special Processing	C. Foxx	TWCP-3543	SP-38, 02/03/00
C076	Memo to P. Rogers re: Secondary Radionuclides and Toxic Metals in TA-55 TRU Waste"	C. Foxx, A. Montoya	NMT-7-WM/EC-97-156	TWCP-882, 09/05/97
C077	Interview with J. Barfield	G. Lasswell	TWCP-3546	M-42, 02/25/00
C078	Memo to J. Whitworth re: Material Type 72	C. Smith	NA	12/03/03
C079	Interview of J. Foxx re: P/S Codes PPD, UA, VD, IN, and WE	J. Musgrave	TWCP-3541	MET-73, 05/02/00
C080	Collection of Correspondence, Comments, and AK Summaries	J. Foxx, T. Hayes	TWCP-3568	N-81, May-June 2000
C081	Interview with J. Foxx re: P/S Code DO	J. Musgrave	TWCP-4166	10/17/00
C082	Interview with J. Foxx and Supporting Documentation re: Defense Relationship of TA-55 Waste	J. Musgrave	TWCP-4167	10/18/00

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C083	Interview with J. Foxx, SME re: P/S Codes	NA	TWCP-3541	MET-58, 03/15/00
C084	Interview with S. Long	NA	TWCP-3546	M039, 02/29/00
C085	Interview with M. West of NMT-2 and G. Bird of NMT-2 re: P/S Codes SBB and SCB	NA	TWCP-3542	PYRO-24, March 6, 2000
C086	Interview with J. Foxx of NMT-7	NA	TWCP-2502	June 8, 1999
C087	Answers to Questions About Pyrochemical Processes	NA	TWCP-2540	June 18, 1999
C088	Comments from J. Foxx on a draft AK Supplemental Information Report for Pu-238 Operations (September 30, 1999)	J. Foxx	TWCP-3545	P238-01, 11/01/99
C089	Interview with J. Foxx RE: Pu-238 and Effluent to TA-50	NA	TWCP-3545	P238-05, 08/31/99
C090	Email re: "RCRA Codes for Pu-238"	J. Foxx	TWCP-3545	P238-18, 12/09/99
C091	U-234 and Sr-90 Calculations for NDA Reporting	J. Vielleux	TWCP-12684	04/07/03
C092	Interview with J. Foxx re: CLS-1 Solvents	NA	TWCP-3547	CI-25, 09/23/99
C093	Interview with J. Foxx of TA-55	NA	TWCP-3567	N-39, September 21, 1999
C094	Interview with T. Hayes of TA-55 Nitrate Operations re: Draft AK Summary for TA-55 Nitrate Operations, 12-19-99 (attached)	NA	NA	01/04/00
C095	Comments from T. Hayes and J. Foxx on the Acceptable Knowledge Summary for TA-55 Nitrate Operations	NA	TWCP-3568	N-79, 02/25/00
C096	Response to comments on the AK Summary for TA-55 Nitrate Operations	J. Foxx	TWCP-3568	N-82, 02/25/00
C097	Email to K. Chandler re: "Chromium"	R. Glenn, J. Musgrave	TWCP-3568 (N-84)	June, 2000
C098	Interview with J. Foxx re: P/S Code PY	NA	TWCP-4164	10/12/00
C100	Memo with Attachments to K. Dziewinski re: Material Type Isotopic Compositions	A. Montoya	TWCP-698	May 2, 1997, 5/2/1997
C101	AK Isotopic Files for Input to NDA Radioassay Spreadsheets	John M. Veilleux	TWCP-19813	9/22/03
C102	Interview with R. Simpson re: P/S Codes CN, CO, CT, EL, FF, ID, OB, OM, MOX, RS	Ken Chidster, Roberta Simpson (people interviewed)	MET-59	3/7/2000

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C104	Interview with J. Foxx re: P/S UA	Jim Foxx	MET-69	4/12/2000
C105	Interview with J. Foxx re: P/S Codes AO, EVAC and WLT	Jim Foxx	MET-74	6/26/00
C106	Acceptable Knowledge Personnel Interview Form - Metal Operations	Jim Foxx	MET-75	6/27/2000
C108	Interview with J. Foxx re: Secondary radionuclides used in P/S code PI	Jim Foxx, Interviewee	TWCP-05166	April 11, 2001
C109	Acceptable Knowledge Personnel Interview Form - Special Processing	Jim Foxx, Person Interviewed	TWCP-3543 (SP-37)	1/19/2000
C110	Acceptable Knowledge Personnel Interview Form - Special Processing	Jim Foxx	TWCP-3543 (SP-44)	8/2/2000
C112	Notes from Interview of J. Foxx Re: All Process Waste Streams	J. Foxx, Intervierwee	TWCP-04168	10/20/2000
C113	AK Interview with Jim Foxx Re: P/S code FF, Use of Kynar, Portland Cement, Code HRA, 40 mm Gun	Jim Foxx, Interviewee	TWCP-05157	3/17/2001
C114	Use of Kynar in TA-55 Operations - Acceptable Knowledge Personnel Interview Form - TA-55 Waste Streams	Jim Foxx	None	April 8, 2001
C116	Acceptable Knowledge Personnel Interview Form - Nitrate Operations Process	Alice Barr, Pam Rogers (people interviewed)	TWCP-03567 (N38)	9/21/99
C117	A Few Issues	John Musgrave	NA	4/12/2000
C120	Acceptable Knowledge Personnel Interview Form - TA-55 Miscellaneous Operations - RD&D Processes	Jim Foxx (Person interviewed)	M-30, 31, 32	1/24/00
C121	Detailed Chemical Evaluation MHD01.001	Steve Schafer	NA	April 8, 2005
C122	Be Contamination	Wayne A. Punjak	NA	June 4, 2004
C123	Memorandum to CCP Central Records, AK Payload Management Calculations for LA-MHD01.001	Steve Schafer	NA	March 30, 2005
C124	Interview with Jim Foxx Regarding Materiual Type 83 used at TA-55	Steve Schafer	NA	September 16, 2004
C125	Decay corrected values for LANL Heat Source Plutonium.	Steve Schafer	NA	April 25, 2006
C126	Final Documentation for Radwaste Oracle Database's List of Acceptable Radioisotopes, Specific Activities, Categories and Regulatory Limits	D. Taggart	EM-7D-92-71	NA, February 3, 1992

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C127	Secondary Radionuclides and Toxic Metals in TA-55 TRU Waste	C.L. Foxx and A. Montoya	NMT-7-WM/EC-97-156	NA, September 5, 1997
C128	Discard Ceilings & Annotated Direction for Discard of Special, Source, & Other Nuclear Materials	M. A. Robinson	NMT-7-WM/EC-00-144	NA, December 19, 2000
C129	Jim Foxx's Review and Comments on CCP-AK-LANL-006	C. L. Foxx	NA	NA, February 15, 2006
C130	Jim Foxx's Review and Comments on Nitrate and Pyrochemical/Chloride Operations Process Flow Diagrams	C.L. Foxx	NA	NA, February 15, 2006
C131	Jim Foxx's Review and Comments on Draft Process Flow Diagrams	C.L. Foxx	NA	NA, February 21, 2006
C132	Pu-239 Operations Detailed Process Flow Diagrams	J. M. Schoen, M. J. Papp	NA	NA, March 28, 2006
C133	Radiological Evaluation of Waste Stream LA-MHD01.001 Based on the Addition of Waste Stream LA-MHD02.001 Containers	Steve Schafer	NA	NA, 5/3/07
C135	Interview with Individuals Performing Repackaging Regarding Potential for High Dose Rate Waste from TA-55	Steve Schafer	N/A	N/A, July 10, 2006
C136	Interview with Dennis Wulff Regarding Potential for High Dose Rate Waste from TA-55	Steve Schafer	N/A	N/A, July 10, 2006
C142	Opening of Drum (#8260) of Retrived TA-55 Cement Waste	NA	EM-7D-92-536	NA, September 2, 1992
C144	Record of Communication	S. Schafer	NA	NA, November 28, 2006
C145	Memo: Evaluation of LANL Pu-238 Waste Management Practices	K. Peters	NA	NA, January 2, 2007
C146	FY99 thru FY06: Drums with TRUCON codes 112, 114 and 124, e-mail	Kapil K. Goyal	NA	NA, 1/22/07
C147	RCRA and Chemical Evaluation for LANL Waste Streams LA-MHD001.001 and LA-CIN01.001	MJ Papp	NA	1, Revised 10/11/07
C148	Addition of 224 Containers to Waste Stream LA-MHD01.001 Addition of 29 Containrs to Waste Stream LA-MHD03.001	S. Schafer	NA	NA, May 16, 2007
C149	Fiberboard Drum Liner Use at Los Alamos National Laboratory	Dave French	NA	NA, June 26, 2007
C150	Secondary Waste Discussions to be Added to AK4 and AK6	R. Fitzgerald	NA	NA, 8/2/07

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C152	Interview with J. Foxx re: Future Waste Generation for Waste Streams LA-MHD01.001 and LA-MIN02-V.001	MJ Papp	NA	NA, 10/30/07
C153	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Wste Stream LA-MHD01.001	James M. Schoen	NA	NA, 03/14/2008
C156	Email to MJ Papp re: Material Reclamation Project	David Yeamans	NA	NA, 11/14/07
C157	Prohibition on PCB waste lifted from LANL	Kathy Zbryk	NA	NA, 12/6/07
C158	TA-55 Oil-Related E-mails	KK Goyal	NA	NA, 12/12/07
C159	Emails regarding WMS Production Start Date	KK Goyal	NA	NA, 12/12/07
C160	E-Mail to K Goyal Regarding Dichloroethane	Charles Foxx	NA	NA, 12/13/07
C161	E-mail regarding Vanadium Pentoxide	KK Goyal	NA	NA, 12/13/07
C162	Review of PF-4 Processes that Could Influence Non-Destructive Assay of Waste Drums	R Dodge	WS-FWS-07-028	NA, 12/21/07
C163	Change of LA Waste Stream Designation for TRU Oversize Crates	Darrik Stafford	NA	NA, 4/6/04
C164	Information on Packaging Changes	MJ Papp/ G. Veazey	NA	NA, 2/14/08
C165	DVRS Info	RF Fitzgerald	NA	NA, 11/30/07
C166	Evaluation of Volume, Period of Generation, and Calculation of Indivividual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001	James M. Schoen	NA	Rev. NA, 11/30/2007
C167	Memo Regarding Review of RFETS Samples AK Addendum	James R. Fitzgerald	NA	Rev. NA, 04/042008
C168	Email from Kapil Goyal Regarding Methylene Chloride, EPA HWN U080 and RTR	Kapil Goyal	NA	Rev. NA, 01/09/2008
C169	Email Regarding EPA HWN Corrections for DRUM ID LA00000058109	Kapil K. Goyal	NA	Rev. NA, 05/05/2008
C175	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001	James M. Schoen	NA	Rev. NA, 10/10/2008
C176	Email from Kapil Goyal Regarding Compact Fluorescent Bulbs	Kapil Goyal	NA	Rev. NA, 11/06/2008
C177	Secondary Waste Generated by the Remediation Packaging Processes	Randy Fitzgerald	NA	Rev. NA, 08/26/2009

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C178	Drum Washing of Drums Retrieved from Below Grade	James R. Fitzgerald	NA	Rev. NA, 02/25/2009
C179	Evaluation of Volume and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD01.001	Jim Schoen	NA	Rev. NA, 03/12/2010
C185	TA-54 Building 412 vs. DVRS Facility	Davis Christensem	NA	Rev. NA, 06/14/2010
C186	Letter on Material Type Isotopic Composition	Benchmark	AL-7193	Rev. NA, 05/02/1997
C187	Memorandum to Pamela Rogers, Transuranic Database Modifications	Davis Christensen	EM-SWO:97-201	Rev. NA, 08/13/1997
C188	Memorandum to Pam Rogers; Layers of Packaging In TA-55 Combustible TRU Waste	C.L. Foxx	NMT7-WM/EC-147	Rev. NA, 08/08/1997
C189	Secondary Radionuclides and Toxic Metals in TA-55 TRU Waste	C.L. Foxx	NMT7-WM/CE-97-156	Rev. NA, 09/05/1997
C190	Memo to TWCP Records Center: Commingling of Defense and Nondefense TRU Waste	C.L. Foxx	NA	Rev. NA, 08/21/1997
C191	Segregation of Pu-238 Processing	C.L. Foxx	NA	Rev. NA, 08/21/1997
C192	Memorandum to Pamela Rogers; Acceptable Knowledge for Pu-238 Waste Generated at the Los Alamos Plutonium Facility, TA-55	C.L. Foxx and A.J. Montoya	NMT7-WM/EC-97-201	Rev. NA, 12/19/1997
C193	Memorandum to J.S. Evans; RCRA Characterization of SRS-Produced Plutonium Oxide	R.A. Vohden	NMS-EHB-970073	Rev. NA, 03/12/1997
C194	Comments from Jim Foxx on the Draft Pu-238 AK Summary Report (dated November 1999)	C.L. Foxx	NA	Rev. NA, 11/99
C195	Interview with Jim Foxx: Pu-238 and Effluent to TA-50	TWCP	NA	Rev. NA, 08/31/1999
C196	Email from Jim Foxx: RCRA Codes for Pu-238	C.L. Foxx	NA	Rev. NA, 12/9/1999
C197	Interview with Jim Foxx and Gary Rinehart Relating to the RCRA Characterization and Management of Pu-238 Liquids and P/S Code Operations	TWCP	NA	Rev. NA, 12/22/1999
C198	Interview with Jim Foxx Regarding P/S Code P1	K. Chandler	NA	Rev. NA, 02/05/2000
C199	Interview with Gordon Jarvinen Regarding TA-55 Miscellaneous Operations - RD&D Processes	TWCP	NA	Rev. NA, 02/16/2000

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C200	Jim Foxx's comments on Draft Acceptable Knowledge Summary for TA-55 Nitrate Operations	TWCP	DRAFT	Rev. NA, 02/25/2000
C201	Comment Resolution for Nitrates AK Summary Report (dated 2/25/00)	Pam Rogers	NA	Rev. NA, 08/24/2000
C202	Memorandum to B.T. Reich : Air Sparging to Eliminate Pyrophoric Sodium	C.L. Foxx	MST-12-ARO-88-052	Rev. NA, 02/15/1988
C203	Memorandum to B.T. Reich: Experimental data on calcium pyrophoricity in salts	MST-12-ARO-88-077	MST-12-ARO-88-077	Rev. NA, 04/07/1988
C204	Interview with Jim Foxx; Segregation of non-defense wastes from defense wastes	TWCP	NA	Rev. NA, 10/12/2000
C205	Interview with Jim Foxx; Answers to questions on use of Ag, disposal of ash and resins, and use of gases	TWCP	NA	Rev. NA, 10/16/2000
C206	Acceptable Knowledge Personnel Interview with Jim Foxx: Disposal of Spray Cans Used in Gloveboxes	TWCP	NA	Rev. NA, 10/17/2000
C207	Interview with J. Foxx re: Sources of Cs-137 and Pa-231 in TA-55 TRU Waste	TWCP	NA	Rev. NA, 11/18/2000
C208	Acceptable Knowldedge Personnel Interview with Jim Foxx: Sources of Cs-137 and Pa-231 in TA-55 TRU Waste	TWCP	NA	Rev. NA, 04/02/2001
C209	Interview with J. Foxx re: Sources of Cs-137, Pa-231 and Cm-244 in TA-55 TRU Waste	TWCP	NA	Rev. NA, 04/11/2001
C210	AK Personnel Interview of Lisa Pansoy-Hjelvik, Description of P/S Code ASP	TWCP	NA	Rev. NA, 06/28/2001
C211	Interview with Gary Rinehart regarding P/S code WS Operations	TWCP	NA	Rev. NA, 06/13/2001
C212	Memorandum to Ed Wilmont, Pu 238 Waste at TA-55	CBFO	CBFO:Oom:RPD:JGW:04-0435:UFC:5822	Rev. NA, 05/20/2004
C213	AK Personnel Interview with Jim Foxx: Information on P/S Codes PPD, UA, VD, IN and WE	TWCP	NA	Rev. NA, 05/02/2000
C214	AK Personnel Interview with Jim Foxx: RD&D Processes (RD, NCD, WM)	TWCP	NA	Rev. NA, 02/25/2000
C215	Email From Wayne Punjak to Pamela Rogers: Ac-227 Drums	W. Punjak	NA	Rev. NA, 07/10/2002

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C216	Memorandum to RMDC; Vent and Closure dates for TWISP containers submitted to WWIS	B. Trujillo	RRES-CE:03016	Rev. NA, 03/24/2003
C218	Detailed Radiological Evaluation	Steve Schafer	NA	Rev. NA, 08/20/2004
C219	Interview with Jim Foxx: Material Type 83 used at TA-55	Steve Schafer	NA	Rev. NA, 09/16/2004
C220	Jim Foxx's Review and Comments on Draft Process Flow Diagrams	Jim Foxx	NA	Rev. NA, 02/21/2006
C221	Detailed Pu-238 Operations Process Flow Diagrams	J.M. Schoen and M.J. Papp	NA	Rev. NA, 03/14/2006
C222	Decay corrected values for LANL Heat Source Plutonium.	Steve Schafer	NA	Rev. NA, 04/25/2006
C223	Acceptable Knowledge Personnel Interview with Jim Foxx: All Process Wastes	J. Musgrave	TWCP-4164	Rev. NA, 10/16/2000
C225	Evaluation of Additional Containers for waste stream LA-MHD01.001	Jim Schoen	NA	Rev. NA, Various
C227	Estimated Volume of Hydroxide Cake in TA-55 Waste	Sheryl L Willis	NA	Rev. NA, 06/22/2012
C230	Memo: Legacy TA-55 Nitrate Salt Wastes at TA-54 - Potential Applicability of RCRA D001/D002/D003 Waste Codes	Mark Haagenstad	NA	Rev. NA, 02/29/2012
C232	Evaluation of Additional Repackaged Containers for Waste Stream LA-CIN01.001	Randy Fitzgerald	NA	Rev. NA, 09/07/2012
C233	Evaluation of Additional Repackaged Containers for Waste Stream LA-MHD01.001	Randy Fitzgerald	NA	Rev. NA, 09/07/2012
C237	Containment Vessel Weight Analysis and Acceptable Knowledge Document	Jeff Gluth	NA	Rev. NA, 04/10/2006
C238	Memorandum of Understanding - Roles and Responsibilities for Transuranic Material Experiments on the Z Machine	Dr. Charles F. McMillan	NA	Rev. NA, 11/14/2011
C239	Email RE: # of Shots	Jeffry W. Gluth	NA	Rev. NA, 03/16/2010
C240	Email RE: Future Projected Volume for LA-MHD01.001	Kapil Goyal	NA	Rev. NA, 12/12/2013
C241	Transmittal of Neutralizers used in Nitrate Salt Processing	Dan Cox	NA	Rev. NA, 05/17/2014

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C242	Transmittal of Kitty Litters Used in Nitrate Salt Processing	Miles Smith	NA	Rev. NA, 05/15/2014
C244	Interview regarding the processes used by Energy Solutions to Package Waste at the WCRRF, Buildings 231 and 375	Elizabeth Lickliter	NA	Rev. NA, May 2014
C245	Email RE: Future Waste Generation for TA-55 Waste Streams	Kapil Goyal	NA	Rev. NA, 02/11/2015
D001	Acceptable Knowledge Summary Report for Waste Streams TA-3-#A, TA-3-#B, and TA-3-#C	NA	TWCP-AK-2.1-016 (TWCP-06121)	0 (Draft), 8/01/01
D002	Acceptable Knowledge Report for Legacy Debris TA-55 Waste Streams Containing Pu-239	NA	TWCP-AK-2.1-015 (LA-UR-02-6665)	2, 10/09/02
D003	Hazardous Waste Facility Contract with DOE, University of California & Summary of Modifications	NA	TWCP-14332	5/15/03
D004	Attachment A (Waste Analysis Plan) of the LANL Hazardous Waste Permit	NA	TWCP-14341	1/30/95
D005	Decommissioning of Los Alamos Molten Plutonium Reactor Experiment (LAMPRE I)	Johny Harper, Raymond Garde	LA-9052-MS (TWCP-14395)	November 1981
D006	Los Alamos DP West Plutonium Facility Decontamination Project 1978 - 1981	Raymond Garde, E. J. Cox, Allen M. Valentine	LA-9513-MS (TWCP-14396)	September 1982
D007	Process Acceptable Knowledge Report for Chloride Operations at TA-55	NA	TWCP-AK-2.1-002 (LA-UR-02-1710) (TWCP-15411)	2, 5/17/01
D008	Acceptable Knowledge Report for Newly Generated Waste from Nitrate Operations at TA-55	NA	TWCP-AK-2.1-013 (LA-UR-02-6779) (TWCP-15418)	0, 10/16/02
D009	Acceptable Knowledge Report for Newly Generated Waste from Miscellaneous Operations at TA-55	NA	TWCP-AK-2.1-014 (LA-UR-02-6904) (TWCP-15419)	0, 11/18/02
D010	Acceptable Knowledge Report for Newly Generated Waste from Special Processing Operations at TA-55	NA	TWCP-AK-2.1-016 (LA-UR-02-6905) (TWCP-15420)	0, 10/18/02
D011	Acceptable Knowledge Report for Newly Generated Waste from Metal/Pyrochemical Operations at TA-55	NA	TWCP-AK-2.1-017 (LA-UR-02-6906) (TWCP-15421)	0, 10/22/02

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D012	The Decommissioning of the TA-42 Plutonium Contaminated Incinerator Facility	NA	LA-9077-MS ((TWCP-17362)	November 1981
D013	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)	NA	TWCP-PLAN-0.2.7-001	7, February 28, 2003
D014	TA-55 Facility Safety Analysis Report (FSAR) , Excerpt (Chapter 1 missing)	NA	TWCP-03548*	July 13, 1995
D015	Review of Headspace Gas Data From Pre-WAP Analysis for Additions to AK	NA	TWCP-AK-2.1-015* (TWCP-08591)	0, 3/21/02
D017	Draft Acceptable Knowledge (Report) for TA-55 Nitrate Operations (and Interview comments from Tim Hayes)	NA	TWCP-03568	December 17, 1999 and January 4, 2000 (comments)
D018	Transuranic Waste Interface Document for the Waste Characterization, Reduction, and Repackaging Facility and the Radioactive Materials Research, Operations, and Demonstration Facility	NA	TWCP-TWID-2.5.1	R.1, 3/26/98
D019	Waste Management Plan for the 40-mm Powder Breach Project	NA	TWCP-3541	Met-70, 3/9/2000
D021	LANL Waste Acceptance Criteria	NA	PLAN-WASTEMGT-002	R.3.8, 2/5/2003
D022	Wastes from Plutonium Conversion and Scrap Recovery Operations	D. C. Christensen, D. F. Bowersox, B. J. McKerley, R. L. Nance	LA-UR-004835	March, 1988
D023	TA-55 Plutonium Facility Acceptable Knowledge Report	NA	TWCP-AK-2.1-008, R.2	05/14/01
D024	TA-55 Transuranic Waste Interface Document	A. Montoya	WM-TA55-TWID	0-1, June 23, 1997
D025	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239	NA	TWCP-AK-2.1-015	3, 4/10/03
D026	Acceptable Knowledge Information Summary For LANL Transuranic Waste Streams	Cathy Smith, RRES	TWCP-AK-2.1-019 (TWCP-17136)	RO/IC1, R.1, 7/7/03, 9/22/2003
D027	Acceptable Knowledge for Isotope Ratios	Catherine Smith, RRES	TWCP-AK-2.1-020 (TWCP-17692)	R0, 10/9/02
D028	Process Acceptable Knowledge Report for Pyrochemical Processes at TA-55	John Musgrave	TWCP-AK-2.1-006 (LA-UR-01-2558)	2, 05/18/01

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D029	Process Acceptable Knowledge Report for Metal Operation Processes at TA-55	John Musgrave	TWCP-AK-2.1-003 (LA-UR-01-2556)	2, 5/17/01
D030	Process Acceptable Knowledge Report for Special Processing at TA-55	J. Musgrave	TWCP-AK-2.1-007	2, 05/18/02
D032	Process Acceptable Knowledge Report for Miscellaneous Operations at TA-55	J. Musgrave	TWCP-AK-2.1-004	2, 06/18/01
D034	Waste Management Site Plan	NA	LA-UR-80-2836	10/01/80
D035	Characterization of Waste Streams and Suspect Waste from Largest Los Alamos National Laboratory Generators	J. Soukup, G. Erpenbeck	LA-UR-95-4293	02/01/96
D036	Process Knowledge Report for Nitrate Operations at TA-55	J. Musgrave	TWCP-AK-2.1-005	Rev 2, 05/17/01
D037	Los Alamos TRU Waste Certification Plan for Newly Generated TRU Waste	B. Reich	WCP-HES7-CPL-01	2, 11/01/84
D038	Final TRU Waste Inventory Work-Off Plan	J. Warren and A. Dross	LA-UR862932	Revised 12/15/86, 08/01/86
D039	Process Acceptable Knowledge Report for Plutonium-238 Operations at TA-55	NA	TWCP-AK-2.1-009	0, 08/07/01
D041	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	NA	AK-00-019	1, 09/22/03
D043	Excerpts from "Light Weight Radioisotopic Heater Unit (LWRHU) Production for the Galileo Mission	G. Rinehart	LA-11166-MS	TWCP-1025, 04/01/88
D044	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassini Mission	G. Rinehart	LA-13143-MS	TWCP-1030, 05/01/96
D045	Final Safety Analysis Report for TA-55 NMT	Derek Gordon	NA	TWCP-415, 07/13/95
D046	Acceptable Knowledge Supplemental Information for Chloride Operations at TA-55	NA	TWCP-3566	N-40, 12/17/99
D047	Sampling and Analysis Project Validates Acceptable Knowledge on TA-55-43, Lot. No. 01	NA	TWCP-1698	November 16, 1998
D048	Wastes from Plutonium Conversion and Scrap Recovery Operations	NA	LA-11069-MS	TWCP-352, 03/01/88
D049	40-mm Powder Breech Project, TA-55 Bldg PF-4, Waste Management Plan	NA	TWCP-4720	03/27/00
D050	Waste-form Development for Conversion to Portland Cement at LANL Technical Area 55	G. Veazey et al	LA-13125	TWCP-5378, 10/01/96

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D052	RECONCILIATION OF WASTE STREAM INFORMATION	Pam Rogers?	TWCP-QP-1.1-028.r.0	05/17/97
D053	RECONCILIATION OF VISUAL EXAMINATION AND RADIOGRAPHY INFORMATION	Greg Bayhurst	TWCP-QP-1.1-028,R.8	eight, 11/06/2002
D054	WASTE CHARACTERIZATION DATA RECONCILIATION WITH ACCEPTABLE KNOWLEDGE	DOCUMENT PRERARER: BETTY STRIETELMEIER	TWCP-QP-1.1-038	R.O, 06/29/00
D055	Rocky Flats Environmental Technology Site Backlog Waste Reassessment Baseline Book - Waste Form 34 Pyrochemical Salts	NA	TWCP-2501	March 27, 1998
D056	TWISP Final Report	NA	TWCP-11185	September, 2002
D057	Processing Waste Acceptance Criteria Exception Forms	NA	AP-SWO-015	0, 1-14-02
D058	Review and Completion of the TWSR	NA	AP-SWO-006	3.2, July, 2003
D059	Environmental Protection: Managing Waste; Air Quality; Ecological and Cultural Resources...	NA	LPR 404-00-00.2	Revised 6/24/02, 2/13/1998
D060	Repackaging Plutonium-238 High Dose Rate Material for Waste Disposal	D. R. Yeamans, G. M. Kaczar, L. A. Trujillo, K. M. Staggs, D. K. Ford	NA	NA, 12/17/04
D061	Acceptable Knowledge Summary Report for Rocky Flats Environmental Technology Site Waste Sample Residues, Vials/Containers, and Materials	Shaw Environmental & Infrastructure, Inc.	NA	NA, 9/2006
D062	Upgrade and Performance Testing for the Linc System at TA-54 Area G	CD Rael and HO Menlove	LA-UR-02-2019	NA, Unknown
D063	Project Management Objectives for Pit 9 TRU Waste Retrieval	A. Millensted	TRU-PLAN-1201	Rev. 0, 05/12/2005
D064	Retrieval Plan for TA-54, Area G TRU Waste for Pit 9	W. Gonzales	TRU-PLAN-1202	Rev. 0, 01/03/2006
D065	TA-54, Area G Pit 9 Waste Description	W. Gonzales	TRU-TD-1202	Rev. 0, 01/09/2006
D066	TA-54, Area G Pit 9 Waste Description	W. Gonzales	TRU-SWO-008	Rev. 0, 03/25/2004
D067	TA-54, Area G Trenches A-D Waste Description	W. Gonzalis	TRU-TD-1401	Rev. 0, 01/09/2006

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D068	TA-54 Area G Documented Safety Analysis	D. McLain	Adm-WFM-001	Rev. 0, 04/09/2003
D069	Basis for Interim Operations for Technical Area G	J. Apperson	ABD-WMF-001	Rev. 1.0, DRAFT, 10/21/2010
D070	Wastes from Plutonium Conversion and Scrap Recovery Operations	D.C. Christensen, D.F. Bowersox, B.J. McKerley, R.L. Nance	LA-11069-MS	Rev. NA, 03/1988
D071	Final Safety Analysis Report for TA-55 NMT	D.J. Gordan	TA-55 FSAR	Rev. NA, 07/13/1995
D072	Los Alamos TRU Waste Certification Plan for Newly Generated TRU Waste	LANL	WCP-HSE7-CLP-01	Rev. 2, 11/1984
D073	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Galileo Mission	G.H. Rinehart	LA-11166-MS	Rev. NA, 04/1988
D074	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassinni Mission	G.H. Rinehart	LA-13143-MS	Rev. NA, 05/1996
D075	Sampling and Analysis Project Validates Acceptable Knowledge on TA-55-43, Lot No. 01	DOE	NA	Rev. 0, 11/16/1998
D076	Acceptable Knowledge Summary Report for Waste Streams TA-55-43, TA-55-44, TA-55-45, TA-55-46, TA-55-47	J. Musgrave	TWCP-AK-2.1-011	Rev. 0, 09/20/2001
D077	Process Acceptable Knowledge Report for Miscellaneous Operations at TA-55	J. Musgrave	TWCP-AK-2.1-004	Rev. 2, 05/17/2001
D078	Process Acceptable Knowledge Report for Nitrate Operations at TA-55	J. Musgrave	TWCP-AK-2.1-005	Rev. 2, 05/17/2001
D079	Process Acceptable Knowledge Report for Special Processing at TA-55	NA	TWCP-AK-2.1-007	Rev. 2, 05/18/2001
D080	Process Acceptable Knowledge Summary Report for Plutonium-238 Operations at TA-55	J. Musgrave	TWCP-AK-2.1-009	Rev. 0, 08/07/2001
D081	AK Report for NG Waste from Metal/Pyrochemical Operations at TA-55	W. Punjak	TWCP-AK-2.1-017	Rev. 0, 10/22/2002
D082	Institutional Plan FY2002-Fy2007	LANL	LALP-01-151	Rev. NA, 12/2001
D083	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	C.H. Smith	AK-00-01-019	Rev. 1, 09/22/2003
D084	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239	B.J. Humphrey	TWCP-AK-2.1-015	Rev. 3, 04/10/2003
D085	Determination of H2 Diffusion Rates through Various Closure on TRU Waste Bag-Out Bags	P.D. Noll, E.L. Callis, and K.M. Norman	LA-13616-MS	Rev. NA, 06/1999

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D087	Review and Completion of the TWSR	NA	NA	Rev. NA, Various
D088	TWISP Final Record	NA	TWCP-11185	Rev. NA, 09/2002
D089	Amount of Zeolite Required to Meet the Constraints Established by the EMRTC Report RF 10-13: Application to LANL Evaporator Nitrate Salts	LANL-Carlsbad Difficult Waste Team	EMRTC Report RF 10-13	Rev. NA, 05/08/2012
D090	Results of Oxidizing Solids Testing - EMRTC Report FR 10-13	Graham Walsh, Research Scientist	EMRTC Report FR 10-13	Rev. NA, 04/12/2012
D091	Solution Package Scope Definition, Report-72, Salt Waste (SP #72)	Susan S. Ramsey	ERID-214637	Rev. 1, 07/03/2012
D092	Generator Knowledge Report for the Plutonium Isentropic Compression Experiments Containment Systems	Sheryl Willis	FFS-RPT-001	Rev. NA, 04/15/2010
D093	Preparing Samples for Materials Characterization	Mike Ramos	MST16-WI-649	Rev. 0, 01/14/2010
D094	Panel Preparation for Z Experiments	NA	NA - DRAFT	Rev. NA, 12/12/2005
D095	AAC Shot Guide for SNM Shots	NA	GK39	Rev. B, 9/13/2006
D096	Radioactive Material Management at Z	NA	NA	Rev. D, 09/13/2006
D097	SNM/Explosive Hardware Load/Unload Checklist	NA	NA	Rev. B, 03/20/2006
D098	Loading and Unloading of SNM/Explosive Hardware	NA	NA	Rev. A, C, 1/13/2006, 3/20/2006
D099	Unloading the Center Section	NA	NA	Rev. B[1], 3/29/2010
D100	A Comprehensive Solution for Managing TRU & LLW From Generation to Final Disposition - 13205	Justin C. Tozer, et al	LA-UR-12-26280	Rev. NA, 02/24-02/28/2013
D101	WCATS - the Future of Waste Operations at LANL	NA	NA	Rev. NA, NA
DR001	Descrepancy Resolution: Waste Stream Assignment	Steve Schafer	NA	April 12, 2005
DR003	AK Source Document Discrepancy Resolution; Chloromethane in Headspace Gas	Steve Schafer	NA	March 29, 2005

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
DR004	Discrepancy Resolution, Nonhazardous Pu-239 Contaminated Stream Generated from TA-55 PF-4	Steve Schafer	N/A	0, 6/2/05
DR005	Acceptable Knowledge Source Document Discrepancy Resolution - Homogeneous Solids in Containers S818280, S818308, S822622, S818309, S832485, S862359, S802994, and S811632	Randy Fitzgerald	N/A	N/A, May 2, 2006
DR006	Acceptable Knowledge Source Document Discrepancy Resolution - Container Numbering Inconsistancies	Randy Fitzgerald	N/A	N/A, May 4, 2006
DR007	Discrepancy Resolution For Packaging Configuration	R Fitzgerald	DR007	0, 10/10/07
DR008	TA-55 Mixed Heterogenous Debris Waste and Mixed Vermiculite TRU Waste	MJ Papp	NA	NA, 12/3/07
DR009	Discrepancy Report	R. Fitzgerald	DR009	NA, 10/15/07
DR010	Acceptable Knowledge Source Document Discrepancy Resolution - LANL Assignment of EPA HWN P120 and D028 to TA-55 Debris Waste	S Schafer	NA	Rev. NA, 12/16/2007
DR012	Acceptable Knowledge Source Document Discrepancy Resolution – Evaluation of Hazardous Waste Number D003	MJ Papp	NA	NA, 1/9/08
DR014	Discrepancy Resolution for High Activity Drums (HADs)	Randy Fitzgerald	NA	Rev. NA, 03/03/2008
DR015	13 Debris Drums Suspected to be Ash	Randy Fitzgerald	NA	Rev. NA, 3/20/2008
DR016	Acceptable Knowledge Source Document Discrepancy Resolution - LANL Assignment of Unexpected HWNs to TA-55 Waste	Mike Papp	NA	Rev. NA, 6/03/2008
DR018	Suspected S3000) containing > 50% Homogeneous solids waste	Randy Fitzgerald	NA	Rev. NA, 09/17/2008, 02/17/2009
DR021	Acceptable Knowledge Source Document Discrepancy Resolution for VE Verified Waste Stream LA-MHD01.001 for Drum 56237	Randy Fitzgerald	NA	Rev. NA, 06/09/2009
DR024	Removal of Seven (7) Homogeneous Drums from AK6, LA-MHD01.001 Debris Waste Stream	Randy Fitzgerald	NA	Rev. NA, 2/22/2010
DR026	Cutting TorchlWelding Strikers are NOT Ignitable (EPA HWN D001) Material	Randy Fitzgerald	NA	Rev. NA, 09/15/2010
DR027	Removal of Drum Nos. 83939 and S813513 from Debris Waste Stream (Over 50 percent homogeneous material).	Randy Fitzgerald	NA	Rev. NA, 09/22/2010

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
DR028	Discrepancy Resolution - Removal of Six (6) Homogeneous Drums from Debris Waste Stream	Randy Fitzgerald	NA	Rev. NA, 04/19/2011
DR029	Discrepancy Resolution - Drum No. 86309 Contained a Small Lighter Fluid Can with 65 mL of liquid	Randy Fitzgerald	NA	Rev. NA, 08/23/2011
DR030	Discrepancy Resolution - 8 Containers with Beryllium Waste Greater than One Weight Percent	Randy Fitzgerald	NA	Rev. NA, 10/12/2011
DR032	Discrepancy Resolution - Removal of Seventeen (17) Homogeneous Containers from Debris Waste Stream LA-MHD01.001	Randy Fitzgerald	NA	Rev. NA, 02/07/2012
DR033	Discrepancy Resolution - Removal of Eleven (11) Homogeneous Drums from Debris Waste Stream (LA-MHD01.001)	Randy Fitzgerald	NA	Rev. NA, 02/07/2012
DR035	Removal of Twenty-Three (23) Homogoneous Drums from Debris Waste Stream (LA-MHD01.001)	Amy Johns	NA	Rev. NA, 06/08/2012
DR036	Suspected Nitrate Salt Containers	Randy Fitzgerald	NA	Rev. NA, 01/03/2013
DR040	Removal of Five (5) Homogeneous Drums from Debris Waste Stream LA-MHD01.001	Randy Fitzgerald	NA	Rev. NA, 06/08/2012
DR042	Removal of 18 Homogeneous Drums from Heterogeneous Debris Waste Stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 12/4/2012
DR048	Acceptable Knowledge Source Document Discrepancy Resolution - Waste Stream-LA-MHD01.001 Radiological Characterization	Michael J. Papp	NA	Rev. NA, 09/20/2012
DR049	Removal of 23 Homogeneous drums from heterogeneous debris waste stream (LA-MHD01.001)	Amy Johns	NA	Rev. NA, 12/05/2012
DR053	Removal of 24 Homogeneous drums from heterogeneous debris waste stream (LA-MHD01.001)	Amy Johns	NA	Rev. NA, 01/27/2013
DR054	Removal of 21 Homogeneous drums from heterogeneous debris waste stream (LA-MHD01.001)	Amy Johns	NA	Rev. NA, 01/24/2013
DR055	Removal of 20 Homogeneous drums from heterogeneous debris waste stream (LA-MHD01.001)	Amy Johns	NA	Rev. NA, 1/30/2013
DR058	Removal of EPA HWN U080 (Methylene Chloride) from Container No. 52336 Repackaged into Container No. 85524	Randy Fitzgerald	NA	Rev. NA, 03/04/2013
DR064	Removal of 19 Homogeneous drums from heterogeneous debris waste stream (LAMHD01.001)	Amy Johns	NA	Rev. NA, 08/21/2013

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
DR065	Removal of 7 Homogeneous drums from heterogeneous debris waste stream (LAMHD01.001)	Amy Johns	NA	Rev. NA, 08/21/2013
DR073	Removal of 4 Homogeneous Drums from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 07/19/2013
DR075	Removal of 5 Homogeneous Drums from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 07/19/2013
DR081	Removal of 5 Homogeneous Drums from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 11/4/2013
DR082	Removal of Two Debris Containers (SB10135, SB10136) from Waste Stream LA-MHD01.001	Randy Fitzgerald	NA	Rev. NA, 10/01/2013
DR083	Removal of 8 Homogeneous Drums from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 11/4/2013
DR084	Removal of Two Homogeneous Containers (90927 and 92663) from Waste Stream LA-MHD01.001	Randy Fitzgerald	NA	Rev. NA, 12/12/2013
DR095	Removal of 4 Homogeneous Drums from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 1/27/2014
DR096	Removal of 1 Homogeneous Drum from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 03/05/2014
DR099	Removal of 4 Homogeneous Drums from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 4/2/2014
DR100	Removal of One Homogeneous Container from Waste Stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 04/02/2014
DR102	Removal of 1 Homogeneous Drum from waste stream LA-MHD01.001	Amy Johns	NA	Rev. NA, 04/08/2014
M001	Example Waste Generator Forms for TRU Waste	Pam Rogers	TWCP-AK-2.1-015	TWCP-8590, 3/21/02
M002	Review of Headspace Gas Data from Pre-WAP Analyses for Additions to AK	P. Rogers	TWCP-AK-2.1-015	TWCP-8591, 3/21/02
M006	Pit Production	LANL	TWCP-14331	n/a, 22-Apr-03
M008	Example of Generator Reports for Drum 54856	LANL generators	TWCP-2513	n/a, 11/8/1993
M010	Block Flow Diagram For Pu Processing and Waste Management	NA	NA	5/15/96
M011	Waste Determination Report for Waste Stream TA-55-43 Lot No. 01	NA	TWCP-1258	July 14, 1998

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M012	Waste Profile Form Guidance	NA	LIG 404-00-03.1	9/18/97
M013	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)	NA	LIG404-00-01.2	11/26/97
M014	General Waste Management Requirements	NA	LIR 404-00-02.3	November 1, 1998
M015	Managing Radioactive Waste	NA	LIR404-00-05.2	January 5, 1999
M016	Hazardous and Mixed Waste	NA	AR 10-3	April 26, 1993
M017	Final Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories and Regulatory Limits	Daniel P. Taggert, EM-7	EM-7D-92-71 (TWCP-08003)	January 31, 1992
M018	Los Alamos National Laboratory Waste Profile System Forms	LANL	Each Profile has a different number	Dates Vary
M019	Generator Documentation	LANL	Document number varies per container	Date varies
M022	Procedure Review Sheets for Procedure 408-MPP, "Breaking Press Operation" or "Metal Breaking Press"	J. Musgrave	TWCP-3542 (PYRO-1)	0-5 (Procedure review sheets only), 11/15/99
M023	Procedure Review Sheets for 410-MPP, "Electrorefining of Plutonium Metal-Crac Cell"	J. Musgrave	TWCP-3542	PYRO-2, 11/17/99
M024	Procedure Review Sheets for 435-MPP, "Reverse Cell Electrorefining (R&D Project)"	J. Musgrave	TWCP-3542 (PYRO-6)	Excerpts from Revs 1, 2, 9/9/99
M025	In Situ Chlorination of Plutonium Metal	NA	437-MPP	R00, R01, R02, 4/10/96
M026	Coalesence of Plutonium Metal (Excerpts) and Procedure Review Sheets	NA	445-MPP (PYRO-8)	R00-R07, 11/24/86
M027	Procedure Review Sheets for Salt Stripping of Electrorefining Salts (procedure excerpts)	NA	450-MPP (PYRO-9)	R01-R04, 1/23/87
M028	Procedure Review Sheets and Excerpts from Salt Stripping of Electrorefining Salts Using Oxygen/Argon	NA	453-MPP (PYRO-10)	R00-R08, 8/8/89
M029	Procedure Review Sheets and Excerpts from Electrorefining of Plutonium Metal, Nominal Six Kilogram Scale	NA	432-MPP (PYRO-17)	R00, R02-R07, 10-5-81
M030	Measuring Physical Properties (Excerpt)	NA	116-MRD (MET-41)	02, 9/8/99
M031	Button Breaking Press (Excerpt)	David Olivas	317-CAS (TWCP-03541), MET-45	05, 9/1/99

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M032	Acceptable Knowledge Personnel Interview Form - Metal Operations	Person Interviewed - Dale Soderquist	TWCP-03541 MET-66)	3/29/2000
M033	Acceptable Knowledge Personnel Interview Form - Metal Operations	Persons Interviewed: Dave Olivas, Charles Rense	TWCP-03541 (MET-62)	3/2/2000
M035	Response to Recommendation Number 1 from the Department of Energy, Carlsbad Area Office (CAO) Audit Number A-98-06-ELD-004-98	E. L. D'Amico	NA	January 22, 1998
M036	Appendix B - Isotopic Composition of Pu## Material Types	NA	None	Unknown
M037	Multiple-Cycle Direct Oxide Reduction	K.W. Fife	251-MPP (SP-27)	00-05, 2/2/89-11/10/97
M038	Tables of Isotopic Composition for Various Material Types	None	NA	10/01/03
M039	Tables from LANL Progress Reports for the Milliwatt Generator Project	Various	various	TWCP-1026, 4/81-9/96
M040	Procedure Review Sheet for "Generation of 242Pu6", 122-LPN-R00	J. Musgrave	TWCP-3543	SP-41, 08/26/99
M041	Procedure Review Sheets for Revs 0-5 of "Electrorefining of Plutonium Metal," Doc. # 258-MPP-R00	J. Musgrave	TWCP-3543	SP-18, 09/02/99
M042	Procedure Review Sheets for Procedure 262-MPP-R00, "Molten Salt Extraction and Liquation"	J. Musgrave	TWCP-3543	S-19, 09/02/99
M043	Procedure Review Sheet for Procedure 290-MPP-R02	J. Musgrave	TWCP-3543	SP-22, 09/01/99
M044	Procedure Review Sheets for Procedure 216-MPP-R01 "Oxalate Precipitation of Ion-Exchange Eluates"	B. Strietelmeier	TWCP-3543	SP-7, 08/24/00
M045	Procedure Review Sheets for Procedure 215-MPP-R01, "Oxalate Precipitation of Plutonium from Nitrate Solutions"	J. Musgrave	TWCP-3543	SP-6, 09/07/99
M046	Procedure Review Sheet for Procedure 219-MPP-R01, "Nitrate Anion Exchange"	B. Strietelmeier	TWCP-3543	SP-8, 08/25/99
M047	Procedure Review Sheet for Procedure 236-MPP-R00, "Transfer of Waste-Acid Solution - PF4-209"	T. Krause	TWCP-3543	SP-9, 08/27/99
M048	Procedure Review Sheets for Procedure 230-MPP-R01, "Hydroxide Precipitation for Oxalate Filtrates"	J. Musgrave	TWCP-3543	SP-15, 11/09/99
M049	Procedure Review Sheet for Americium R&D Facilities	D.G. Clifton	TWCP-3546	R00, 7/17/1979

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M050	Procedure Review Sheet for 474-REC-R01, "Process Research and Development Facilities	D.G. Clifton	TWCP-3546	Rev 01, 8/29/1983
M051	Procedure Review Sheet for 473-REC-R00, "Procedure for Eluting Plutonium from Ion Exchange Columns"	Herman Ramsey	TWCP-3566	R00, 8/15/1979
M052	Procedure Review Sheet for 424-REC-R00, "Slag and Crucible Dissolution Procedure"	James Balkey	TWCP-3566	R00-R08, 1/26/1978
M053	Procedure Review Sheet for 426-REC-R00, "Residue Leaching"	Dale Croley	TWCP-3566	R00, 2/27/1987
M054	Procedure Review Sheet for 461-REC-R00, "Nitrate Anion Exchange"	Dale Croley	TWCP-3566	R00, 01, 02, 2/25/1978
M055	Procedure Review Sheets for 460-REC, "Magnetic Separation Research and Development"	Larry Avens	TWCP-3548	Rev. 00, Rev. 01, 1/30/1989
M056	Procedure Review Sheets for 422-REC, "Incinerator"	D.C. Croley	TWCP-3548	R00-R04, 3/1/1978
M057	Procedure Review Sheet for 431-REC, "Procedure for Disposal of Oils Containing Recoverable Amounts of Pu in the Form of (U, Pu) Carbides"	Dale Croley	TWCP-3548	R00, 01, 1/26/1978
M058	Procedure Review Sheets for 493-REC, "Evaluation of Pu (VI) Reduction by Nitrous Oxide"	S.F. Marsh	TWCP-3548	R00, 9/9/1999
M059	Procedure Review Sheet for 440-MPP, "Extraction of Americium from Plutonium Metal"	D.C. Christensen	TWCP-3542	R00-R08, 1/31/1983
M060	Procedure Review Sheets for FAB-MS-2006, "Material Specification for U-235 Enriched Uranium Dioxide"	J. Musgrave	TWCP-3541	0, 1, 12/20/1983
M061	Process Review Sheet for RAB-MS-2000, "Carbothermic Process Material Specification for Uranium Oxide Powder (Depleted)"	R.L. Gutierrez	TWCP-3541	00, 01, 03, 6/16/1978
M062	Procedure Review Sheet for 450-MPP, "Salt Stripping of Electrorefining Salts"	H.D. Ramsey	TWCP-3542	4-Jan, 1/23/1987
M063	Process Review Sheets for 434-MPP, "Solvent Anode Electrorefining (R&D Project)"	M.H. West	TWCP-3542	0, 1, 2/24/1987
M064	Process Accountability Flow Documents for Various Nitrate Processes	J. Foxx	TWCP-3568	n/a, 1/17/2000
M065	Procedure Review Sheet for "Breaking Press Operation"	M.H. West	TWCP-3542	00-05, 1/15/1987
M067	Procedure Review Sheet for 430-REC, "Recovery of Contaminated Platinum"	A.F. Baumont	TWCP-3566	00-01, 3/1/1978
M068	Procedure Review Sheet for 450-REC, "Alkaline Leach of Chloride-Contaminated Plutonium Oxides"	T. Krause	TWCP-3566	N-26, 09/08/99
M069	Procedure Review Sheet for 420-REC, "Processing of Contaminated Solids"	D.C. Croley	TWCP-3566	00-01, 2/25/1978

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M070	Procedure Review Sheets for 440-REC, "Dissolution of Materials"	Dale Croley	TWCP-3566	00, 01, 2/25/1978
M071	Procedure Review Sheets for 441-REC, "Plutonium Metal Dissolution"	Dale Croley	TWCP-3566	00, 01, 2/25/1978
M072	Procedure Review Sheets for 444-REC, "Dissolving Chloride Melt Portion of Electrorefining Residues	Dale Croley, J. Olsen	444-REC (N-30E/TWCP-3566)	0, 1, 2/25/1978, 9/26/83
M073	Procedure Review Sheet for 447-REC, "Dissolution of Residues for Ion-Exchange Feed"	Milton Haas	TWCP-3566	00, 01, 7/13/1979
M074	Procedure 474-CLO, Hydroxide Precipitation of Chloride Waste Streams	S.D. Howell	TWCP-3547	00, 01, 1/23/1989
M075	Review Sheet for Procedure 476-CLO, "Recovery of Plutonium from Plutonium-Beryllium Neutron Sources"	R. Glenn	TWCP-3547	CI-14, 08/23/99
M076	Hydroxide Precipitation of the Plutonium in Chloride Waste Streams	S. Howell	481-REC, TWCP-3547	0-2, 2/17/1987
M077	Procedure "Decladding of PuBe Neutron Sources"	M. Palmer, B. Griego	482-CLO	TWCP-3547, 3/21/1994
M078	Procedure "Purification and Recovery of Pu by Chloride Anion Exchange"	M. Palmer and B Griego	483-CLO	TWCP-3547, CI-21, 09/01/99
M079	Interview with J. Foxx	R. Glenn	TWCP-3547	n/a, 8/31/1999
M080	Interview with J. Foxx re: Solvent Extraction Developmental Work	R. Glenn	TWCP-3547	n/a, 9/15/1999
M081	Inteview with T. Hayes	R. Glenn	TWCP-3547	n/a, 1/12/2000
M082	Interview with T. Hayes	R. Glenn	TWCP-3547	n/a, 6/1/2000
M083	Procedure 402-REC, Thermal Decomposition of Cellulose Items	K.B. Ramsey	TWCP-3548	R00, 1/8/1992
M084	Procedure 437-REC, "Polystyrene Cube Processing"	A.E. Nixon	TWCP-3548	00, 01, 02, 1/19/1983
M085	Procedure 445-REC, "Preferential Dissolution of Uranium Oxides from a Uranium-Plutonium Oxide Mixture"	Julia Olsen	TWCP-3566	0-3, 3/14/1984
M086	Procedure 490-REC, "Catalyzed Electrochemical Plutonium Oxide Dissolver (CEPOD)"	T.A. Hayes	TWCP-3566	0, 1, 10/10/1990
M087	Procedure 489-REC, "Multipurpose Cascade Dissolver System"	NA	TWCP-3566	00, 01, 10/4/1991
M088	Procedure 423-REC, "Ash Leaching"	Dale Croley	TWCP-3566	00-05, 1/26/1978
M089	Procedure 431-REC, "Leaching of Contaminated Metals in Nitric Acid"	T.A. Hayes	TWCP-3566	00, 01, 10/18/1990

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M090	Procedure 421-REC, "Pickling or Surface Leaching" and "Leaching of Noncombustible Materials in Nitric Acid"	NA	TWCP-3566	N-31, January 26, 1978
M091	Procedure 442-REC, "Dissolution of Chloride Generated Cake in Nitric Acid" and "Dissolution of Pu Hydroxide Cake in Nitric Acid"	Marvin Romero	TWCP-3566	0, 1, 2, 2.1, 2.2, 11/14/1988
M092	Procedure 490-REC, "Mediated Electro-Oxidation of Low-Level Organic Waste" and "Catalyzed Electrochemical Plutonium Oxide Dissolver"	Kenneth Martinez	TWCP-3566	2, 9/26/1994
M093	Procedure 427-REC, "Incinerator Ash R&D Facility"	D.C. Croley	TWCP-3567	0, 8/22/1988
M094	Procedure 446-REC-R00, "Dissolution of Filter Residues and Glovebox Sweepings in Hot HNO3-HF" and "Dissolution of filter Residues, Impure Oxide, and Glovebox Sweepings"	Marvin Romero	TWCP-3567	0-6, 2/3/1989
M095	Procedure 447-REC, "Dissolution of Impure Plutonium Dioxides, Filter Residues, and Glovebox Sweepings in Hot HNO3-HF"	Larry Reese	447-REC-R02 (TWCP-3567)	0, 1, 2, 12/13/1986
M096	Procedure 472-REC-R00, "Nitrate Anion Exchange for the Rich Column Material System"	NA	472-REC-R00 (TWCP-3567)	Rev 0, 2/2/1990
M097	Procedure 471-REC-R00, "Nitrate Anion Exchange for the Lean Residue System"	Beverly S. Bowden	471-REC-R00 (TWCP-3567)	Rev 0-2, 1/29/1990
M098	Procedure 470-REC-R00, "Nitrate Anion Exchange for the Rich Residues Ion Exchange Column"	Tim Hayes	470-REC-R00 (TWCP-3567)	0, 11/22/1989
M099	Procedure 473-REC-R00, "Nitrate Anion Exchange for the Dissolved Solids (DS) System"	A.E. Nixon	473-REC-R00 (TWCP-3567)	Revs 0-6, 10/17/1989
M100	Procedure 495-REC-R00, "Nitrate Anion Exchange for the Rich-Feed Ion Exchange System"	NA	495-REC-R00 (TWCP-3567)	Revs 0-1, 4/29/1992
M101	Procedure 479-REC-R00, "Oxalate Precipitation of Nitrate Solutions"	Milton Haas	479-REC-R00 (TWCP-3567)	Revs 0-3, 4/30/1981
M102	Procedure 466-REC-R00, "Oxalate Precipitation and Calcination of Ion-Exchange Eluants"	Dale Croley	466-REC-R00 (TWCP-3567)	Revs 0-3, 2/25/1978
M103	Procedure 480-REC-R00, "Peroxide Precipitation"	C.W. Scarlott	480-REC-R00 (TWCP-3567)	0-1, 1/21/1987
M104	Procedure 469-REC-R00, "Procedure for Americium Hydroxide Precipitation and Filtration" and "Filtration of Caustic-Treated Peroxide Filtrates"	H.D. Ramsey	469-REC-R00 (TWCP-3567)	Revs 0-3, 8/15/1979
M105	Procedure 433-REC, "Oxide Roasting and Blending"	Richard Maestas	TWCP-3567	Revs 0-1, 1/28/1987
M106	Procedure 443-REC, "Roasting and Blending"	NA	TWCP-3567	0,2, 1/30/1984

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M107	Procedure 434-NMT7, "Roasting and Blending"	Marvin K. Romero	TWCP-3567	0,1,2,3, 3/6/1992
M108	Review Sheets and Procedure 485-REC, "Treatment of Evaporator Bottoms"	J. Olsen, A. Martinez	TWCP-3568	Revs 0-2, 7/13/1984
M109	Procedure 485-REC-R00, "Computer Operated Nitric Acid Volume Reduction & Treatment of Evaporator Bottoms"	W.A.Punjak, B. S. Bowden, W. E. Williams	485-REC-R000 through R03 (TWCP-03568)	0-3, 10/4/1989 through 2/9/89
M110	Procedure 485-REC-R04, "Nitric Acid Process Evaporator"	Don Mullins	485-REC-R04 (N-64/TWCP-3568)	Revs 4-5, 11/20/96, 9/9/97
M111	Procedure 484-REC, "Process Nitric Acid Volume Reduction"	Audrey Martinez, J. Balkey	484-REC-R000 (N-64/TWCP-3568)	00, 01, 02, 10/5/1984 through 3/15/90
M112	Procedure 407-MPP, Chlorination of Plutonium Compounds	Mike H. West, G. D. Bird, M. D. Ferran	407-MPP (PYRO-13/TWCP-3542)	0-4, 1/15/1987 through 12/19/86
M113	Procedure 420-MPP, Reduction of PuO2 to metal	A.N. Morgan, H. D. Ramsey	420-MPP (PYRO-14/TWCP-3542)	1-5, 1/17/1979 through 12/19/86
M114	Procedure 426-MPP, Semicontinuous direct oxide reduction with salt regeneration	G.D. Bird	426-MPP (PYRO-16/TWCP-3542	0-5, 5/9/1991 through 9/9/96
M115	Direct Oxide Reduction - Procedure 426-MPP	Wayne Punjak, G. D. Bird	426-MPP (TWCP-2507)	5, 10/29/1998
M116	Review Sheet for Procedure 445-MPP, "Coalescence of Plutonium Metal"	J. D. Williams, P. Schofield, G. D. Bird	445-MPP (PYRO-8/TWCP-3542	0 - 7, 11/24/1986 through 8/14/97
M117	Review Sheet for Procedure 432-MPP, "Electrorefining of Plutonium Metal, Nominal Six Kilogram Scale"	B.R. Babcock, L. J. Mullins, S. D. Owens	432-MPP (TWCP-3542	0-7, 10/5/1981 through 6/28/96
M118	Review Sheet for Procedure 209-MPP, "Pickling, Leaching, and Dissolution"	R.W. Blankenship, K. W. Fife	209-MPP (SP-1/TWCP-3543)	0, 1, 4/6/1994, 3/21/96
M119	Review Sheet for Procedure 211-MPP, "Pickling or Surface Leaching"	J. A. McNeese, K. W. Fife, D. C. Croley	211-MPP (SP-2/TWCP-3543)	Revs 0-4, 12/15/1988 through 12/18/91

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M120	Review Sheet for Procedure 240-MPP, "Stirred Tank Leaching of Bulk Solids"	J.A. McNeese, K. W. Fife, R. W> Blankenship	240-MPP (SP-3/TWCP-3543)	0-7, 3/7/1983 through 4/30/96
M121	Review Sheet for Procedure 241-MPP, "Distillation of Lean Plutonium Solutions"	D.R. Harbur, K. W. Fife, R. W. Blankenship	240-MPP (SP-4/TWCP-3543)	Revs 1-9, 3/7/1983 through 5/15/96
M122	Procedure 212-MPP, Dissolution of Impure Plutonium Dioxides, Filter Residues and Glovebox sweepings in Hot nitric-hydrofluoric acid.	J. A. McNeese, K. W. Fife, L. W. Reese	212-MPP (SP-11/TWCP-3543)	Revisions 1-6, 12/15/1988 through 11/6/92
M123	Procedure 213-MPP, Conversion of Plutonium Oxalate to Oxide using heat lamp and hot plate	J.A. McNeese, K. W. Fife, R. W. Blankenship	213-MPP (SP-11/TWCP-3543)	Revisions 1-9, 12/15/1988 through 12/23/97
M124	Procedure 214-MPP, Oxalate (IV) Precipitation	J.A. McNeese, K. W. Fife, R. W. Blankenship	214-MPP (SP-12/TWCP-3543)	Revisions 1-7, 12/15/1988 through 5/1/96
M125	Procedure 217-MPP, Peroxide precipitation	J.A. McNeese	TWCP-3543	1, 12/15/1988
M126	Procedure 226-MPP, Dissolving Chloride Melt Portion of Electrorefining Residues	D. Croley	TWCP-3543	0, 6/11/1996
M127	Procedure 232-MPP, Oxalate Precipitation of Pu from Hydrochloric solutions	S.D. Howell	232-MPP (SP-16/TWCP-3543)	Revisions 1-3, 2/2/1989 through 2/27/90
M128	Procedure 210-MPP, Feed Preparation for +4 Oxalate precipitation	Robert Nance	210-MPP (SP-25/TWCP-3543)	1, 2, 12/15/88, 2/2/1989
M129	Procedure 224-MPP, Chlorination of Plutonium Compounds	M.H. West	224-MPP (SP-26/TWCP-3543)	0, 4/18/1988
M130	Procedure 251-MPP, Multiple-cycle Direct Oxide Reduction	K.W. Fife, R. W. Blankenship, W. Punjak	241-MPP (SP-27/TWCP-3543)	Revs 0-5, 2/2/1989 through 11/10/97
M131	Procedure 273-CLO, Purifying and Recovering Pu by Chloride anion exchange	S.M. Dinehart	273-CLO (SP-30/TWCP-3543)	Rev 2-4, 4/30/92 through 2/24/96
M132	Procedure 242-MPP, Precipitation of Plutonium Oxalate in Hydrochloric Acid	J.A. McNeese	242-MPP (SP-33/TWCP-3543)	0-1, 3/7/1983, 4/15/85)
M133	Procedure 235-MPP, Leaching of Non-combustible materials in Nitric Acid	K. W. Fife	235-MPP (SP-34/TWCP-3543)	0, no date given

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M134	Direct Oxide Reduction R&D	K. W. Fife	SP-39/TWCP-3543 (Procedure 421-MPP)	0, 1/27/87
M135	Process Flow Diagrams for Routine Pu-238 Heat Source Production-Fuel Fabrication	NA	TWCP-3545	P238-03, 5/14/1998
M136	Procedures HS-CMB11-PP13 and HS-MST11-PP-13, "Sampling PuO2 Procedure"	Richard Kent	HS-CMB11-PP-13, HS-MST11-PP-13 (PU238-4/TWCP-3545	0-10, 2/20/80 through 4/26/89
M137	Procedure HS-NMT9-PP-42, "Particle Size Analysis of Oxide Powders Procedure"	Timothy George	HS-NMT9-PP-42 (PU238-6/TWCP-3545)	0-1, 4/22/91, 12/11/91
M138	Process Flow Diagram for Recovery of Pu-238 Oxide from Contaminated Iridium	NA	TWCP-3545	P238-14, June 10, 1991
M139	Process Flow Diagram for Pu-238 Waste Solidification	author not listed	TWCP-3545	not given, 2/25/1999
M140	Procedure 429-REC, "Oxidation of Pu Metal and Alloys Prior to Dissolution," Passivation Furnaces	Dale Croley, B. Bowden, R. Martinez, K. Ramsey, R. Haestas	429-REC (N-7/TWCP-3548)	Revisions 0-5, 3/1/1978 through 12/12/95
M141	Procedure 498-REC, "Thermal Decomposition of Cellulose Items"	Quentin Appert	498-REC (N-12/TWCP-3548)	R00, 01, 02, 6/2/1995 through 8/15/97
M142	Procedure 435-REC, "Processing Lapping Oil and Similar Organics"	R. Zogg, D. C. Croley	435-REC (N-15/TWCP-3548)	0, 1 Draft, 2/1/1978
M143	Procedure 435-REC, "Crushing and Pulverizing"	James Balkey, A. M. Sandaval, R. C. Martinez, K. Ramsey, R. Maestas	435-REC (N-17/TWCP-3548)	0-5, 2/18/1987 through 8/25/97
M144	Procedure 491-REC, "Advanced Testing Line for Actinide Separations (ATLAS) Unit Operations"	S.B. Schreiber, S. L. Yarbro	492-REC (N-20/TWCP-3566)	0-3, 12/23/1991 through 8/25/97

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M145	Procedure 425-REC, "Casting Crucible Dissolution" or "Four-INC Cascading Airlift Dissolvers"	Dale Croley, L. Reese, L. Rodriguez, J. Montoya, M. K. Romero	425-REC (N-23/TWCP-3566)	R0 through R6, 2/25/1978 through 8/15/97
M146	Review Sheet for Procedure 448-REC, "Dissolution of High Salt and/or Chloride Contaminated Plutonium Dioxide"	Robert Nance	TWCP-3566	0, 1/6/1988
M147	Procedure 470-REC, "Distillation of Am IX Column Effluents to Reduce Acidity and Volume"	M. Romero	470-REC (N-27/TWCP-3566)	1, 8/7/1984
M148	Procedure 442-REC, "Dissolution of Oxide Derived from Calcination of Oxalate" or "Dissolution of Plutonium Dioxide Derived from Calcined Plutonium Oxalate"	Dale Croley, E. Hansbury, J. L. Hatchell	442-REC (N-30C/TWCP-3566)	0-2, 2/25/1978 through 5/23/84
M149	Procedure 443-REC, "Dissolution of Oxide Derived from Passivation of Carbides, Metal, or Casting Skulls"	Dale Croley	443-REC (N-30D/TWCP-3566)	0, 1, 2/25/1978, 8/7/78
M150	Procedure 468-REC, "Silica Removal from Americium Feed Solutions"	Marvin Romero	TWCP-3567	0-1, 10/6/1983
M151	Procedure 464-Rec, "Peroxide Precipitation"	D.C. Croley	464-REC (N-53/TWCP-3567)	0-1 Draft, 2/25/1978
M152	Procedure 496-REC, "Volume Reduction of Nitrate Feed Solutions Using a Mini-Evaporator"	Marvin Romero	TWCP-3568	0, 10/23/1995
M153	Development of Control Charts for the Evaporator Bottoms Newly Generated Waste Stream from TA-55	Benchmark Environmental Corporation	TWCP-3568	N/A, 3/19/1999
M154	Miscellaneous MSDSs	Miscellaneous Manufacturers	NA	Various
M156	Project 2010 Container Specific Database Information for LA-MHD01.001	C. Smith	NA	NA, May 25, 2004
M157	Project 2010 Database Summary of Waste Codes from LA-MHD01.001	NA	NA	NA, September 17, 2004
M158	Project 2010 Database Information Waste Item Descriptions Summary	NA	NA	NA, September 17, 2004
M159	Project 2010 Container Specific Database Information - Area G Reported Radionuclides	C. Smith	NA	NA, May 25, 2004
M160	LANL Project 2010 Summary of AK Discrepancies	NA	NA	NA, 3/21/02, 8/23/02

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M161	Procedure Review Sheet - Identification of Potential Hazards Associated with Metallographic Operations in Room 115 of PF-4	E.C. Walters	MAS-NF-DE-11-13 (MET-1)	Rev. 0, 11/10/1988
M162	Procedure Review Sheet - Metallographic Procedure for Making Alpha Audiographs	Ramiro Pereya	MAS-NF-DE-11-18 (MET-2 (TWCP-3541)	Rev. 00, 11/10/1989
M163	Procedure Review Sheet Only - Metallurgical Examination of Plutonium Contaminated Materials	E. C. Walters	MAS-NF-DE-11-8 (TWCP-3541) MET-3	0, 8/19/87
M164	Procedure Review Sheet for Identification of Potential Hazards Associated with Metallographic Operations in Rooms G104 and G107	E.C. Walter	MAS-NF-DE-11-14 (MET-4)	Rev. 0, 11/10/1989
M165	Impurity Limits for Uranium Oxide Powder	N/A	FAB-MS-2004 (MET-19)	NA, NA
M166	Procedure Review Sheet - Carbothermic Process Material Specification for Plutonium Oxide Powder	R.L. Gutierrez	FAB-MS-2001 (MET-20)	Rev. 02, 04, 10/10/1990, 12/1/1982
M167	Procedure Review Sheet - Master Blend Preparation for Plutonium Oxide Powder (Oxide)	H.G. Moore	FAB-PP-2011 (MET-22)	Rev. 0, 1, 6/28/82 ,4/29/88
M168	Procedure Review Sheet - Vacum Reduction Procedure for Uranium Carbide or Uranium-Plutonium Carbide Preparation	R.L. Gutierrez	FAB-PP-2040 (MET-23)	Rev. 00, 7/13/1978
M169	Procedure Review Sheet - Comminution and Nickel Addition Procedures for Uranium Carbide or Uranium-Plutonium Carbide	R.L. Gutierrez	FAB-PP-2050 (MET-24)	Rev. 00, 7/13/1978
M170	Procedure Review Sheet - Automatic Pellet Pressing Procedure for Uranium Carbide or Uranium-Plutonium Carbide Powders	R.L. Gutierrez	FAB-PP-2060 (MET-25)	Rev. 0; 1, 2/8/80, 2/17/83
M171	Procedure Review Sheet - Sintering Procedure for Uranium Carbide or Uranium-Plutonium Carbide Pellets	R.L. Gutierrez	FAB-PP-2070 (MET-26)	Rev. 00, 7/13/1978
M172	Procedure Review Sheet for Manual Pellet Pressing Procedure for Uranium Carbide or Uranium-Plutonium Carbide Powders	R.L. Gutierrez	FAB-PP-2080 (MET-27)	Rev. 0, 7/13/1978
M173	Procedure Review Sheet for Procedure for Sampling Sintered Fuel and Insulator Pellets for Characterization and Analysis	R.L. Gutierrez	FAB-PP-2090 (MET-28)	Rev. 0, 1, 7/13/78, 2/17/83
M174	Procedure Review Sheet for Procedure for Measuring the Density of Sintered Fuel or Insulator Pettets by a Water Immersion Technique	R.L. Gutierrez	FAB-PP-2100 (MET-29)	Rev. 0, 7/13/1978
M175	Procedure Review Sheet - Physical Inspection and Size Sorting of Fuel or Insulator	R.L. Gutierrez	FAB-PP-2010 (MET-30)	Rev. 0-4, 7/25/78 through 6/18/86

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M176	Procedure Review Sheet - Centerless Grinding of Sintered Fuel and Insulator Pellets	R.L. Gutierrez	FAB-PP-2130 (MET-31)	Rev. 0, 1, 7/26/78, 2/18/83
M177	Procedure Review Sheet - Binder-Burnout Procedure for Uranium Carbide or Uranium-Plutonium Carbide Pellets	R.L. Gutierrez	FAB-PP-2160 (MET-32)	Rev. 00, 3/28/1980
M178	Procedure Review Sheet - Robotic Isotope Detector Fabrication	David Huerta	3029-DET (MET-72)	Rev. 00, 5/7/1992
M180	Procedure Review Sheet - Hydroxide Percipitation of Chloride Solutions Containing Organic Chemicals	Julia Olsen, D. C. Croley	467-REC (CL-8)	Rev. 0, 1, 2/25/78, 12/19/83
M181	Procedure Review Sheet - Oxalate Precipitation of Plutonium from Chloride Solutions	M.J. Palmer, R. A> Dye, V. Hatler	471-CLO (CL-10)	Rev. 0-5, 8/16/90 through 3/28/96
M182	Procedure Review Sheet - Purification and Recovery of Plutonium by Chloride Anion Exchange	S.M. Dinehart, R. A. Dye, V. A. Hatler	473-CLO (CL-12)	Rev. 0-5, 4/5/90 through 4/10/96
M183	Procedure Review Sheet - Calcination Operations for Aqueous Chloride Processes	Brenda Griego	477-CLO (CL-15)	Rev. 0-2, 10/26/93 through 9/5/96
M184	Procedure Review Sheet - Dicesium Hexachloro Plutonate (DCHP)	David A. Romero, Brad Smith	478-CLO (CL-16)	Rev. 0-1, 4/12/94 through 4/18/96
M185	Procedure Review Sheet - Head End Processing of Aqueous Chloride Plutonium	R.A. Dye	479-CLO (CL17)	Rev. 00, 2/10/1992
M186	Procedure Review Sheet - Plutonium Recovery from Chloride Solutions by Oxalate	Julia Olsen, Sammi Howell	482-REC (CL-19)	Rev. 0-1, 8/13/83, 2/18/87
M187	Procedure Review Sheet - Radiochemical Analysis at TA-55	Nelson Stalnaker	029-CST1 (CL-22)	Rev. 02, 4/1994
M188	Procedure Review Sheet - Procedure for Burning of (Pu-U) Carbides	J. Olsen, D. C. Croley, R. Fullerton	428-REC (N-8)	Rev. 0, 2, 3/1/78 ,11/12/99
M189	Procedure Review Sheet - Vessel Handling and Unloading	Beverly Bowden	494-REC (N-9)	Rev. 0-4 Draft, 11/5/91 through 3/12/93
M190	Procedure Review Sheet - Burning Metal	Tom Blum, Jeremy Trujillo, Vernon Kerr	434-REC (N-13)	Rev. 0-1, 2/6/87, 1/30/89
M191	Procedure Review Sheet for The Burning and Brushing of Plutonium & Plutonium Metal Burning	NMT-2 Personnel	433-REC (N-14)	Rev. 0-3, 5/13/94-8/15/97
M192	Procedure Review Sheet for Pneumatic Salt Crusher	Marvin Romero and Tim Hayes	444-REC (N-24A)	Rev 0, 1/29/1990

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M193	Alternate Procedure for Conversion of Plutonium Oxalate and Conversion of Plutonium Oxalate to Oxide Using Heat Lamp and Hot Plate	Robert Nance, Julia Olsen, John Rayburn	477-REC (N-48)	Rev. 0-2, 2/31/81 through 5/14/87
M194	Calcination	Joseph Gonzales and Beverly Bowden	437-REC (N-51A)	Rev. 0 and 1, 3/5/87-2/13/89
M195	Homogenization of Plutonium Oxide Product by Auger Mixing	J. M. Montoya	432-REC (N-56)	Rev. 0, 2/14/89
M196	Procedure Review Sheet - Sampling Procedure for the Ion-Exchange process - DS and RR	Jeff L. Hatchell, Bill McKerley	417-GEN (N-59)	Rev. 0-1, 4/17/86, 1/23/89
M197	Scrubber System for Cement Fixation Operations	Gerald Veazey	483-REC (N-73)	Rev. 0, 1/30/1989
M198	Nitrate Acceptable Knowledge Report (Fact Sheet only)	N/A	TWCP-04100 (N-81)	September 26, 2000
M199	Procedure Review Sheet - Matrix Study of Pyrochemical Salts	Steven Long	556-NMT4 (M-29)	Rev. 2, 3, 6/27/91, 8/25/92
M200	Plutonium Electrorefining	Sammi Owens	432-MPP	Rev. 08, 8/25/1997
M201	Fused Salt Extraction of Americium from Plutonium Metal (adapted from 262-MPP)	Wayne Punjak	440_MPP	Rev. 08, 11/4/1997
M202	Preparation of Pu Metal by the Fluoride Reduction Process	Q.D. Appert	487-REC	Rev. 1, 5/1/1992
M203	Alternate Procedure for Dissolution of Oxide Derived from Calcination of Oxalate (Procedure Review Sheet only)	N/A	448-REC (SP-43)	0, 5/5/81
M204	Procedure Review Sheet - Rotary Calcination of Scrap	J.A. McNeese	220-MPP (SP-5)	Rev. 1 - 8, 4/7/89 through 3/27/92
M205	Procedure Review Sheet - Oxidation of Plutonium Metal and Alloys	K.W. Fife, D. Croley	222-MPP (SP-17)	Rev. 0-3, 3/23/89 through 9/7/99
M206	Procedure Review Sheet - Salt Stripping of Electrorefining Salts	K.W. Fife, R. W. Blankenship	264-MPP (SP-20)	Rev. 0-2, 4/7/89 through 7/1/91
M207	Procedure Review Sheet - Spent DOR Salt Regeneration	K.W. Fife, C. D. Davis, E. D. McCormick	425-MPP (SP-21)	Rev. R00, 2/24/87
M208	Procedure Review Sheet - Small Scale Bomb Reduction	J.G. Reavis, M. H. West	291-MPP (SP-23)	Rev. 0-1, 2/23/87, 9/14/90

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M209	Procedure Review Sheet - Chlorination of Plutonium Compounds Using Ammonium Chloride	V.R. Dole, E. Garcia	292-MRD (SP-24)	Rev. 0-1, 1/28/92, 2/16/93
M210	Procedure Review Sheet - Breaking Press Operation	Keith Fife	253-MPP (SP-28)	Rev. 0, 2/9/88
M211	Procedure Review Sheet - Solvent Anode Electrorefining (R&D Project)	M.H. West, K. W. Fife, P. C. Lopez	434-MPP(SP-29)	Rev. 0-1, 2/24/87, 4/7/89
M212	Proceudre Review Sheet - Six Foot Sphere Handling and Unloading	J.A. McNeese	201-MPP (SP-31)	Rev. 01 - 07, 5/9/1991
M213	Burning of Combustibles	Carol Sohn	221-MPP (SP-42)	Rev. 0, 10/3/1983
M214	Documentation of Isotope Ratio Calculations for Acceptable Knowledge for Isotope Ratios (TWCP-AK-2.1-020 R0)...	Catherine Smith	TWCP-10106	October 9, 2002
M215	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from 2500 Set	LANL Waste Generators	NA	Various
M216	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from AK6 Remaining Set	LANL Waste Generators	NA	Various
M217	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from AK7 Remaining Set	LANL Waste Generators	NA	Various
M218	LANL Hard Copy TWSRs for LA-MHD01 and LA-MHD02 from Imagic Printout Set	LANL Waste Generators	NA	Various
M219	Electronic image of TWSRs and RSWD Forms from Imagic Software	LANL Waste Generators	NA	Various
M220	Vent Date Information Sources	Various	N/A	Various
M222	Concert Database (converted to Access format)	Nathan Mcranie	TWCP-24370	February 2, 2005
M223	Matching Pressure with the Problem: Design of Hydrothermal Waste Treatment Units for Operation at Pressures from 1 to 1000 Bar	S. J. Buelow, L. Worl, D. Harradine, D. Padilla, R. McInroy Chemistry Division, Nuclear Materials Technology Division, LANL	NA	NA, Not Dated
M224	LANL Hard Copy RSWDs and TWSRs for LA-MHD01 and LA-MHD02	LANL Waste Generators	N/A	N/A, Various

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M225	Evaluation of Container-Specific Material Types (MT)	Steve Schafer	NA	NA, August 1, 2006
M226	LANL Hard Copy RSWDs and TWSRs for LA-MHD01 and LA-MHD02	LANL Waste Generators	N/A	N/A, Various
M228	Drum Spreadsheet	K. Goyal	NA	Rev. NA, 02/05/2007
M237	Combined Generator Reported Radiological Data for LANL TRU Waste Containers, All Waste Streams	Various	NA	5, 6, Various
M238	NUGEN Drum TWSRs	NA	NA	NA, Various
M241	TWSRs and RSWDs for Containers 52037 through 63807 and Containers S783587-S911772	NA	NA	Rev. NA, Various
M250	POC Exposure Calculation Clarification	V. S. Sendelweck	NA	NA, August 17, 1999
M272	Waste Generator Instructions (WGI) For 55-Galon Steel Drum for the Disposition of Newly Generated Transuranic Waste Excluding MT83 Waste at TA-55. WGI #4	CE Armitage, KM Hargis, GA O'Leary	NA	NA, 11/9/07
M273	LA-MHD001.001 TWSRs	NA	NA	NA, Varoius
M274	TWSRs for Containers 80000 Series	NA	NA	Rev. NA, Various
M275	TA55 NUGEN TWSRs	NA	NA	Rev. NA, Various
M276	TA55 VE NUGEN TWSRs	NA	NA	Rev. NA, Various
M278	Acceptable Knowledge Summary Report for Rocy Flats Environmental Technolgy Site Waste Sample Residues, Vials/Containers, and Materials	NA	NA	Rev. 1.0, September 2006
M280	Pit 9 Waste Information	NA	NA	Rev. NA, 03/16/2009
M281	Trenches A-D Logbook	NA	NA	Rev. NA, 03/04/1974-12/3/1985
M283	Assembled Tables taken from Milliwatt Generator Project Progress Reports	Various	NA	Rev. NA, 12/1981
M284	MSDSs for Pu-238 Operations	Union Carbide	NA	Rev. NA, 10/1985
M285	Process Flow Diagram for Routine Pu-238 Heat Source Production - Fuel Fabrication	NMT-9	NA	Rev. NA, 05/14/1998

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M286	Particle Size Analysis of Oxide Powders	NMT-9	HS-NMT9-PP-42	Rev. 0, 1, April 1991 - October 1991
M287	Process Flow Diagram for Metallography	NMT-9	TWCP-3545/Pu238-9	Rev. NA, 06/22/1997
M288	Process Flow Diagram for Pu-238 Scrap Processing	NMT-9	TWCP-3545/Pu238-11	Rev. NA, 08/27/1991
M289	Introductory Glovebox Transfer of an EP-60 into and EP-61	T. Latimer	HS-NMT9-PP-46	Rev. 1, 09/22/1992
M290	Decontamination of Ir Using Molten MgCl2	L. Foltyn	HS-NMT9-PP-38	Rev. 0, 04/10/1990
M291	Process Flow Diagram for Recovery of Pu-238 Oxide from Contaminated Iridium	NMT-9	NA	Rev. NA, 06/10/1991
M292	Dissolution of Ir by Electrochemical Methods	L. Foltyn	HS-NMT9-PP-39	Rev. 0, 04/10/1990
M293	Process Flow Diagram for Pu-238 Waste Solidification	NMT-9	NA	Rev. NA, 02/1999
M294	Recovery of Plutonium-238 from Sucrose Solutions	C.W. Scarlott, D. Herra	483-REC (HS-MST11-PP-36)	Rev. 0, 8/1983, 12/1987
M295	Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories and Regulatory Limits	D.P. Taggart	NA	Rev. NA, 01/31/1992
M296	Generator Documentation (RSWD/TWSRs)	TWCP	NA	Rev. NA, Various
M297	Concert Database Query, Generator Radiological Data for Waste Stream LA-MHD02.001	Provided by Deb Smith	NA	Rev. NA, 08/10/2004
M298	Concert Database Query, Physical Parameter Inventory Analysis for Waste Stream LA-MHD02.002	Provided by Deb Smith	NA	Rev. NA, 08/20/2004
M299	Thermal Decomposition of Cellulose Items	Quentin Appert	498-REC	Rev. 0-2, 06/1995 - 08/1997
M300	General Waste Management Requirements	LANL	LIR404-00-02.3	Rev. NA, 11/01/1998
M301	Hazardous and Mixed Waste	LANL	AR 10-3	Rev. NA, 04/26/1993
M302	Managing Radioactive Waste	LANL	LIR404-00-05.2	Rev. NA, 01/05/1999

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M303	Waste Profile Form Guidance	LANL	LIG 404-00-03.1	Rev. NA, 09/18/1997
M304	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)	LANL	LIG404-00-01.2	Rev. NA, 11/26/1997
M306	Magnetic Levitation Results in High-Purity Plutonium Metal The Actinide Research Quarterly, 3rd Quarter 1998, Los Alamos National Laboratory	M.S. Blau and J.C. Lashley	NA	Rev. NA, 1998
M307	Documentation of Isotope Ratio Calculations for Acceptable Knowledge for Isotope Ratios (TWCP-AK-2.1-020 R0)...	Kathy Smith	TWCP-10106	Rev. NA, 10/09/2002
M308	Pu-238 Defense Determination Resolution	Steve Schafer	NA	Rev. NA, 04/11/2005
M309	Radiological Discrepancy Report	Steve Schafer	NA	Rev. NA, 04/25/2006
M310	RCRA EPA Hazardous Waste Code Assignment Discrepancy Report	Steve Schafer	NA	Rev. NA, 04/20/2006
M311	AK Source Document Discrepancy Resolution; Chloromethane in Headspace Gas	Randy Fitzgerald	NA	Rev. NA, 05/09/2006
M312	CCP-AK-LANL-007 Document Converstion to CCP-AK-LANL-006 Source Documents	Amy Johns	NA	Rev. NA, 07/25/2011
M313	Documentation of Isotope Ratio Calculations for Acceptable Knowledge for Isotope Ratios (TWCP-AK-2.1-020 R0)...	Kathy Smith	TWCP-10106	NA, 10/09/2002
M315	Box Lines Repackaging Paperwork	NA	NA	Rev. NA, Various
M316	Record of Communication - Secondary Waste Added During Remediation and Repackaging Operations	Michael Papp	NA	Rev. NA, 08/06/2013
P001	Nitric Acid Process Evaporator	NA	NMT2-WI-002-REC-485 (TWCP 08657)	0, 4/23/2002
P002	Detailed Operating Procedures - Main Radioactive Liquid Waste Treatment Plant	NA	DOP-50RLWTF-09 (TWCP-02782)	R.05, September 1998
P003	Heat Source Process Procedure - Ceramography of 238PuO2 Fuel Samples	NA	HS-NMT-9-PP-44 (TWCP-03545)	0, 1/6/1992
P004	Heat Source - 238Pu Waste Solidification	NA	HS-MST11-PP-34 (TWCP-03545)	0, 1, 2, 3, 8-4-86 through 12-9-92

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P005	Thorium Fluoride Precipitation	Dale C. Croley	468-REC	R00, R01, 1/26/78
P006	Auxiliary Activities for Cement Fixation (Excerpt)	NA	TRU-NMT2-DP11 (TWCP-03568)	R00, Draft April 13, 1994
P007	Calibration of the pH Electrode for Cement Fixation	NA	TRU-NMT2-DP-06 (TWCP-03568)	R00, No date
P008	Cement Fixation of Process Residues in 55-Gallon Drums (Excerpts)	NA	TRU-NMT2-DP-04 (TWCP-03568)	R00, R01, R02*, 7/15/88 through 8/13/91
P009	Certifying Waste for Cement Fixation	NA	TRUWM-TA55-DP-12 (TWCP-03568)	R00, 6/27/94
P010	Documentation for Cement Fixation (Excerpts)	NA	TRU-NMT2-DP-14 (TRUWM-TA55-DP-14) (TWCP03568)	R00, R01, 3/4/93 through 7/10/97
P011	Cement Fixation of Process Residues in One-Gallon Cans (Excerpts)	NA	TRU-MST12-DP-03	R00, April 1987
P012	Organic Liquid Emulsification	NA	TRU-NMT2-DP-13 (TRUWM-TA-55-DP-13) (TWCP-03568)	R00, 8/30/93 through 9/30/94
P013	Machining of Pu-238 Enriched Pu-239 and Other Actinide Alloys for Research	Franz Friebe	NMT16-HCP-013 (TWCP-18409)	1, 8/5/2003
P014	Casing Enriched Plutonium	J. David Olivas, Richard Ronquillo	NMT16-WI-018 (TWCP-18410)	0, 2/12/2002
P015	Machining of Pu-239 and Other Actinide Alloys for Research	Richard Ronquillo	NMT16-WI-022 (TWCP-18411)	1, 10/14/2003
P016	Operating the Greenlee Hydraulic Punch Driver in GB-357	Richard Ron...	NMT16-WI-026 (TWCP-18412)	8/26/2003
P017	P/S Code NP, Nitrate Processing	Arch E. Nixon	TWCP-18418	12/2/2003
P018	P/S Code CP, Chloride Processing	Arch E. Nixon	TWCP-18419	12/2/2003
P019	Metal Conversion	Bradley Schake, David Costa	NMT15-WI-017/001 (TWCP-18497)	0, 7/8/2002, 11/29/01

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P020	Processing 42 Material Type in the 2000 and 400 Areas	Arch E. Nixon	NMT2-AP-MPP-200 (TWCP-18505)	6, 10/7/2003
P021	Leaching of Noncombustible Materials in Nitric Acid and Disposition of Residues	Arch E. Nixon	NMT2-WI-002-REC-421 (TWCP-18506)	6/6/2002
P022	6-Inch Cascade Dissolvers	Arnold, Sandoval	NMT2-WI-002-REC-424 (TWCP-18507)	0, 10/16/2001
P023	Dissolution of Impure Plutonium Matrices	Marvin Romero	NMT2-WI-002-REC-442 (TWCP-18508)	0, 12/4/2001
P024	Nitrate Anion Exchange	Arch E. Nixon	NMT2-002-REC-473 (TWCP-18509)	1/25/2002
P025	Dissolution and/or Leaching of Various Materials in Hydrochloric Acid	Vance Hatler	NMT2-WI-001-CLO (TWCP-18510)	1, 4/15/2002
P026	Oxalate Precipitation of Plutonium from Hydrochloric Acid Solutions	Vance Hatler	NMT2-WI-001-CLO-471 (TWCP-18511)	0, 8/13/2003
P027	Purification and Recovery of Plutonium by Chloride Anion Exchange	Jacqueline Stephens	NMT2-WI-001-CLO-483, (TWCP-18512)	R5, 5/16/2002
P028	Hydroxide Precipitation	Vance Hatler	NMT2-WI-002-MPP-230 (TWCP-18513)	3/28/2002
P029	Procedure for Pyroredox Processing of Spent Electrorefining Anodes (P/S RA)	Herman Ramsey	460-MPP-R00 (TWCP-2541) MET-16	R0, 4/15/87
P030	Procedure "Wire Wrap"	NA	FAB-PP-3590 (TWCP-3541)	Met-10, August 20, 1999
P031	Procedure "Fuel and Insulator Pellet Archive"	NA	FAB-PP-3620 (TWCP-3541)	Met-11, August 24, 2000
P032	Procedure "Sampling of EBR-II Type Fuel Elements and Wrap Wires for Residual Chloride and Fluoride"	NA	FAB-PP-3630 (TWCP-3541)	Met-12, March 13, 1980

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P033	Procedure "Cleaning Requirements for Large Components" P/S EL	NA	FAB-PP-3820 (TWCP-3541)	Met-13, April 15, 1981
P034	Procedure "Cleaning for Small Components"	NA	FAB-PP-3830 (TWCP-3541)	Met-14, March 19, 1979
P035	Procedure "Sodium Melting Using Cassette"	NA	FAB-PP-3340 (TWCP-3541)	Met-15, November 9, 1979
P036	Procedure "Fabrication and Inspection of He-Bonded Fuel Elements" P/S EL	NA	FAB-FI-3002 (TWCP-3541) MET-16	0, July 1, 1980
P037	Procedure "Fabrication and Inspection of Na-Bonded WSA-60 Fuel Pin Capsules"	NA	FAB-FI-3004 (TWCP-3541) Met-17	R0, March 27, 1981
P038	Procedure "Cleaning Requirements" P/S EL	NA	FAB-PP-3000 (TWCP-3541)	January 17, 1979
P039	Hydrothermal Processing	Laura Worl	FAB-PP-3300 (TWCP-3541)	Met-34, March 15, 1979
P040	Procedure "Sodium Extrusion" P/S EL	NA	FAB-PP-3310 (TWCP-3541)	Met-35, March 19, 1979
P041	Procedure "Sodium Loading into Fuel elements" P/S EL	NA	FAB-PP-3330 (TWCP-3541)	Met-36, March 13, 1979
P042	Procedure "Sodium Bonding" P/S EL	NA	FAB-PP-3350 (TWCP-3541)	Met-37, April 12, 1979
P043	Procedure "WSA Capsule Loading and Sodium Melting" P/S EL	NA	FAB-PP-3360 (TWCP-3541)	Met-38, March 20, 1981
P044	Procedure "Encapsulation of Radioactive Isotopes" P/S WE	NA	353-WEL (TWCP-3541)	?Met-39, August 28, 1991
P045	Procedure "Plasma Chemical Reactor" P/S PCH	NA	118-MRD (TWCP-3541)	Met-40, June 28, 1991
P046	Procedure "Safe Operating Procedure for Pit Disassembly" P/SMW, PD, SRL	NA	397-SEC	Met-42, December 24, 1990
P047	Procedure "Plutonium Hydriding System" P/S PH	NA	NMT5-SOP-3026-MRD (TWCP-3541)	Met-43, October 22, 1996

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P048	Procedure "Operating the Hydride-Dehydride Systems" P/S PH	NA	119-MRD (TWCP-3541)	Met-44, November 20, 1991
P049	Procedure "Ultrasonic Degreaser" P/S MA	NA	321-MET (TWCP-3541)	Met-46, September 26, 1991
P051	Procedure "Operating the Autoclave Hot Isostatic Press" P/S BA	NA	399-MET (TWCP-3541)	Met-48, July 31, 1989
P052	Procedure "Cleaning of SP-100 Fuel Pin Components"	NA	FAB-PP-3401 (TWCP-3541)	Met-5, December 3, 1987
P053	Procedure "Pit Disassembly" P/S SRL	NA	ATP/SRL-104 (TWCP-3541)	Met-51, August 8, 1995
P054	Procedure "Processing Material in the Special Recovery Line Furnace" P/S SRL	NA	ATP/SRL-105 (TWCP-3541)	Met-52, August 8, 1995
P055	Procedure "Pit Disassembly (Special Recovery Line)" P/S PH	NA	397-SRL (TWCP-3541)	Met53, July 22, 1994
P056	Procedure "Heat Treatment of SP-100 Components"	NA	FAB-PP-3402 (TWCP-3541)	Met-6, May 6, 1988
P057	Procedure "Shroud Tube Fuel and Insulator Pellet Loading"	NA	FAB-PP-3530 (TWCP-3541)	Met-7, March 9, 1979
P058	Procedure for Curium-244 Detector Fabrication, P/S Code DOP	NA	308-FAB (TWCP-3541)	Met-71, June 25, 1991
P059	Procedure "Fuel Element Component Assembly"	NA	FAB-PP-3540 (TWCP-3541)	Met-8, March 9, 1979
P060	Procedure "Fuel Element and Component Examination"	NA	FAB-PP-3570 (TWCP-3541)	Met-9, January 30, 1979
P061	Procedure for Actinide Metal and Alloy Oxidation (P/S Code MO)	NA	497-MPP (TWCP-3542)	PYRO-11, August 24, 2000
P062	Procedure for Pickling of Plutonium Metal and Pyrochemical Process Equipment	NA	405-MPP (TWCP-3542)	PYRO-12, August 24, 2000
P063	Procedure for Salt Distillation (P/S Code SD)	NA	102-MPP (TWCP-3542)	PYRO-23, August 24, 2000
P064	Procedure "Hydrothermal Processing"	Laura Worl	NMT6-SOP-AT-103 (TWCP-3546)	R0, 4/16/1996

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P065	Procedure "Superacid Research and Development"	Larry Avens	403-GEN, SAS-102 (TWCP-3546)	R0, 1/30/1989
P066	Procedure "Operation of the Solution Assay Instruments (SAIs)"	NA	413-GEN (TWCP-3546)	M-005, 1/23/1989
P067	Procedure "Room 208 Purification Process Development"	R. L. Nance, S. L. Yarbro, E. Hansbury	431-GEN SAS-100-R00 (TWCP-3546)	R 0, 1, 2, 3, 3.1, 4/22/88, 1/24/89, 7/31/90, 3/23/92, 9/30/94
P068	Procedure " Safety Considerations in the Operation of the MST-12, Room 105, Ash Pretreatment Loop"	NA	488-REC (TWCP-3546)	M-007, March 24, 1988
P069	Procedure "Super Oxidizer Fluorination of Ash"	A, E. Nixon	FPR-101 488-REC (TWCP-3546)	R00, June 6, 1989
P070	Procedure "Operation of the Plutonium FOOF Loop"	NA	FPR-100 (TWCP-3546)	M-009, October 17, 1990
P071	Procedure "Operation of the Plutonium Fluorination Loop"	NA	FPR-101 (TWCP-3546)	M-010, 2/17/1991
P072	Procedure "Operating the FOOF Demonstration Loop"	Thomas Mills	FPR-102 (TWCP-3546)	r0, 8/7/91
P073	Procedure "Halogenation Research and Development"	J. B. Nielsen	FPR-104 (TWCP-3546)	R0, 3/25/92
P074	Procedure "Electrochemistry R&D Experiments"	Jon B. Nielsen	FPR-108-R00 (TWCP-3546)	R0, 12/19/95
P075	Procedure "Surface Area Analysis Using the Quantasorb/Quantector	M. A. Relmus, C. C. Davis, A. D. Jaramillo	280-MRD-R00 (TWCP-3546)	R 0, 3/30/92
P076	Procedure "Research, Development, and Demonstration Facilities"	D. G. Clifton, E. Hansbury	474-REC-R02 (TWCP-3546)	R 2, 12/1/86
P077	Procedure "Research, Development, and Demonstration Facilities"	D. Clifton, E. Hansbury	474-REC-R03 (TWCP-3546)	R 3, 2/3/89
P078	Procedure "Sensors and Instrumentation Development"	NA	476-REC (TWCP-3546)	M-022, Februrary 3, 1989
P079	Procedure "Low Temperature Multiple Reflection Spectroscopic Cell"	NA	SAS-106 (TWCP-3546)	M-023, January 9, 1990

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P080	Procedure "Organoactinide R&D"	B. D. Zwick, L. R. Avens	SAS-107-R00 (TWCP-3546)	R 0, R 1, 10/23/89, 3/31/92
P081	Procedure "Actinide Chemistry Research and Development"	B. Zwick	SAS-107-R003 (TWCP-3546)	R 3, 3/10/94
P082	Procedure "Actinide Separation R&D Operations"	J. Foropoulos Jr.	SAS-108-R00 (TWCP-03546)	R 0, 3/25/91
P083	Procedure "Plutonium Chlorination"	J. Foropoulos Jr.	SAS-108-R01 (TWCP-3546)	R 1.1, 9/23/92, 7/20/94
P084	Procedure "Chloride Solvent Extraction"	NA	472-CLO (TWCP-3547)	CI-11, March 26, 1990
P085	Procedure "Developmental Chloride Solvent Extraction Process"	S. Howell	462-REC (TWCP-3547)	R 0, R 1, 3/5/87, 1/23/89
P086	Procedure "Dissolution and/or Leaching of Various Materials in HCl	NA	470-CLO (TWCP-3547)	CI-9, March 9, 1990
P087	Portions of 1) Certification and Disposal of Low-Level Waste procedure and 2) TA-55 Waste Management procedure	NA	LLW-TA55-DP-01-R00.1, TA55-SOP-539,	R 0, R 3, 6/9/98, 05/06/1999
P088	Salt Distillation (209)	NA	102-MPP-R02	R 2, 6/11/1998
P090	TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan	NA	TRU-MST12-CPA-03, R00	TWCP-701, March, 1987
P091	Attachment 3 to the TRU Waste Certification Plan, R05	NA	TRUWM-TA55-CPA-03-R00	TWCP-700, 4/4/95
P092	TA-55 Transuranic Waste Interface Document for Debris Waste	R. Huchton	NMT7-AP-TA55-018	2, 3, 5, 6/27/00, 10/03/01, 8/7/03
P093	Sealing TRU Waste Containers	NA	NMT7-WI4-HCP-TA55-013,R4	06/16/03
P094	Documenting Acceptable Knowledge For Legacy Waste Items	NA	NMT7-AP-020, R1	10/30/2002
P095	Inspecting, Packaging, Rejecting, and Remediating Transuranic Waste for WIPP and for TA-54 Safe Storage	NA	NMT7-HCP-TA55-013,R1.1	12/2/2002
P096	TA-55 Waste Management, TWCP-351	L. Trujillo	539-GEN	2, October 1996

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P097	Performing Visual Inspections of TRU Waste	LANL	NMT7-WI2-HCP-TA55-013	0, 2, 3, 4, 4.2, 5, 6, 4/4/2000 through 06/16/2003
P098	Packing TRU Waste Containers	LANL	NMT7-WI3-HCP-TA-55-013	3, 4, 5, 6, 7/10/2002 through 9/22/2003
P100	Transuranic (TRU) Solid Waste	LANL, ES&H group	ES&H Manual, AR 10-5	not given, 8/15/1993
P102	Procedure 406-GEN, "Standard Operating Procedure for the Waste Management at TA-55, CMB-11 Facility"; also LA-UR-01-6170	E. Christensen	TWCP-3943	01/01/78
P103	Thorium Fluoride Precipitation	D. Croley	468-REC-R00	R00, R01, 1/26/1978
P104	Electrorefining of Plutonium Metal, Nominal Six Kg Scale	L. J. Mullins	TWCP-3542 (PYRO 3) 430-MPP	0, 3/23/1981
P105	Chloride Melt Preparation for Electrorefining and Fused Salt Extraction	S.D. Owens	TWCP-3542 (PYRO-4) 431-MPP	3, 11/6/92
P106	SME Review of Pyrochemical AK Report	J. McNeese	TWCP-3542 (PYRO-18)	January 9, 2000
P108	Acceptable Knowledge Personnel Interview Form Re: Pyrochemical waste stream	S. Owwens	TWCP-3542 (PYRO-21)	2/25/2000
P109	Acceptable Knowledge Personnel Interview Form Re: Pyrochemical waste stream	Peter Lopez, Walt Griego	TWCP-3542 (PYRO-22)	1/14/2000
P110	Acceptable Knowledge Personnel Interview Form Re: Pyrochemical waste stream	J. Foxx	TWCP-3542 (PYRO-27)	8/22/2000
P111	Acceptable Knowledge Personnel Interview Form Re: Special Processing and Pyrochemical waste stream	J. Foxx	TWCP-3542 (PYRO-28)	3/23/1999
P112	PERFORMING NONDESTRUCTIVE TESTING USING THE MOBILE REAL TIME RADIOGRAPHY SYSTEM	Preparer Jack Vigil	TWCP-QP-11-001	R8/IC2, 05/01/03
P113	RECORDS MANAGEMENT	Document Preparer Carmen Velasquez	QP-00-004.R.2 - TWCP-QP-1.1-004	R.2, 10/30/03

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P114	WASTE ASSAY SYSTEMUSING THE COMBINED THERMAL EPITHERMALNEUTRON (CTEN)SYSTEM	John Veilleux	TWCP-DTP-1.2-061	R.1 and R.0/IC1, 5/17/2002
P115	DETAILED TECHNICAL PROCEDURE FOR WASTE ASSAY USING THE MOBILE PASSIVE ACTIVE NEUTRON (PAN) ASSAY SYSTEMN	REVISED BY: Daniel P, Taggart	TWCP-DTP-1,2-009	R.1, 2/25/1997
P116	WASTE ASSAY USING THE TOMOGRAPHIC GAMMA SCANNER	DOCUMENT Preparer; Joe Wachter	TWCP-DTP-1-011	R.4/Ic2, 10/24/03
P117	WASTE VISUAL EXAMINATION AND PACKAGING	Scott Miller	dtp-00-001	1b, 01/21/04
P118	ACCEPTABLE KNOWLEDGE DOCUMENTATION	NA	TWCP-QP-1.1-021, R.O	R.0, 04/22/97
P119	ASSINGMENT OF WASTE MATRIX CODE	DOCUMENT PREPARED: Pam Rogers	twcp-dtp-1.2-053	R.0, 06/06/00
P120	CALCULATION OF UCL90 VALUES FOR HEAD SPACE GAS VOC, TOTAL VOC, SVOC, AND METALS DATA	Prepared by: sandy wonder	TWCP-DTP-1.2-006	R,1, 04/16/97
P121	DETERMING ISOTOPIC RATIOS IN WASTE CONTAINERS USING THE PC/FRAM ASSAY SYSTEM	Scott Miller	DTP-00-029	R.0A AND R.0, 02/25/04
P122	INSPECTING, LABELING, AND PREPARING TRU WASTE CONTAINERS	Dennis Wulff	NMT7-W11-SOP-TA-55-013	R-2.2, 06/14/02
P123	NONCONFORMANCES	NA	TWCP-QP-1.1-004	02/17/97
P124	OPERATING THE HIGH EFFICIENCY NEUTRON COUNTER USING INCC	Scott Miller	DTP=00-059	R,0, 01/29/04
P125	Characterization of Direct Oxide Salts	Jim Foxx	LA-CP-95-0098, TWCP-3730	May 2, 1995
P126	Procedure Review Sheet - ARIES Integration System	Brad Smith, John L. Parker	NMT6-AP-AR-142 (MET-49)	Rev. 00, 8/07/1998
P127	Procedure Review Sheet - Operation of the ARIES Electrolytic Can Decontamination System	Douglas E. Wedman, Kirk Weisbrod, H. Ed Martinez	NMT6-SOP-AR-127 (MET-50)	Rev. 00, 7/13/1998
P129	Procedure Review Sheet - Standard Operating Procedure for Handling Process Generated Residues at TA-55	Dale C. Croley	503-GEN (N-3)	Rev. 00, 2/28/1978

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P130	Procedure Review Sheet - Standard Operating Procedure for the Packaging of Rags for Recovery	Dale C. Croley	504-GEN (N-4)	Rev. 00, 2/25/1978
P141	Procedure Review Sheet and Excerpt from Plutonium Extraction Research and Development SOP	Jon B. Nielsen	FPR-105 (M-13)	0, 3/25/92
P143	Salt Distillation (209)	NA	102-MPP (TWCP-02498)	2, 6/11/98
P144	Transmitting the document - The Los Alamos National Laboratory Risk Analysis of Transuranic Waste Drums Approved for Disposition to the Waste Isolation Pilot Plant (U)	P. Dawson	OSS-LANL-02-007	NA, Revised May 20, 2002
P145	Operating the Myford Lathe, NMT-15 Integrated Work Document	LANL	NMT15-IWD-WI-026	Rev. 0, January 6, 2004
P146	Operating the Myford Lathe, NMT-15 Work Instruction	LANL	NMT15-WI-026	Rev. 1, January 6, 2004
P147	Electrochemical Systems Operations, NMT-15 Hazard Control Plan	LANL	NMT15-HCP-015	Rev. 0, February 4, 2005
P148	Machining of Special Nuclear Materials in Glovebox Enclosures, NMT-15 Hazard Control Plan	LANL	NMT15-HCP-019	Rev. 0, February 4, 2005
P149	Operating the Aerotech Lathe, NMT-15 Change Sheet	LANL	NMT15-WI-046	Rev. 0, May 11, 2005
P150	Cleaning Lathe Scales, NMT-15 Change Sheet	LANL	04-IWD-309-16	Rev. 0, May 19, 2005
P151	Small Sample Fabrication, NMT 15 Change Sheet	LANL	NMT15-IWD-WI-046	Rev. 0, June 17, 2005
P154	Standard Waste Visual Examination and Prohibited Item Dispositioning	Mike Romero	TRU-DOP-1709	2, 9/28/06
P155	Thermal Decomposition of Cellulose Items Contaminated with Plutonium-238	Martin Bowidowicz	NMT9-SOP-0096	0-4, 11/23/98-3/11/02
P156	Pu-238 Waste Solidification	JY Huang	HS-MST11-PP-34	0-9, 2/17/89-8/21/01
P157	Direct Oxide Reduction of Pu-238	G. VanPelt	NMT9-SOP-0089	0-2, 2/4/98-4/18/03
P158	TA-54 Area G Sludge Remediation SSSR Activities	Louis Jalbert	EP-AREAG-WO-DOP-1085	Rev. 5, 03/04/2014
P159	Processing Waste in the Waste Characterization Glovebox	T. Monk	EP-WCRR-WO-DOP-0233	5, 7/16/2007

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P160	Introducing and Removing Items and Samples from the Glovebox Systems in PF-4	T. Hayes	TA55-SOP-515 (2010-2135)	14, 3/19/2002
P161	TA-55 Waste Management	AJ Montoya	TA55-RD-539 (P2010-2136)	0, 11/27/2000
P162	TA-55 Waste Management Requirements	AJ Montoya	TA55-RD-539 (P2010-2137)	1, 1/22/2002
P163	Nuclear Materials Packaging	J. Gladson	TA55-SOP-592 (P2010-2138)	1, 11/26/2001
P164	Inspection, Labeling, and Preparing TRU Waste Containers	K. Goyal	NMT17-WI1-SOP-TA-55-013 (P2010-2139)	0, 1, 2, 4/4/00 - 7/16/01
P165	Performing Visual Inspections of TRU Waste	D. Wulff	NMT7-WI2-HCP-TA55-013	0, 5, 6, 7, 7/10/02-9/22/03
P166	Packing TRU Waste Containers	W. Punjak	NMT17-W13-HCP-TA55-013	0, 3, 4, 5, 6, 7, 2002-2004
P167	Packing TRU Waste Containers	K. Goyal	NMT7-W13-SOP-TA55-013	0-2, 2000-2001
P168	Sealing TRU Waste Containers	D. Wulff	NMT7-W14-HCP-TA55-013	5, 9/22/03
P169	Sealing TRU Waste Containers	K. Goyal	NMT7-W14-SOP-TA55-013	0-2, 2000-2001
P170	Material Reclamation	D. Yeamans	NMT11-W1-130	1, 3/4/04
P173	Waste Generator Instruction for Heat-Source Plutonium Solid TRU Waste	NA	PMT5-WGI-001	Rev. 0, 07/31/2008
P174	Trenches A-D Retrieval Operations	H. Nunes	TRU-DOP-1401	Rev. 0, DRAFT, 02/23/2006
P175	TA-54 Area G TRU Waste Drum SSSR Activities	Louis Jalbert	EP-AREAG-WO-DOP-1084	Rev. 3, 02/28/2014
P177	TA-55 Waste Management	L. Turjillo	539-GEN-R02	Rev. NA, 11/18/1996
P178	Attachment 3 to the Los Alamos TRU Waste Certification Plan for Newly Generated TRU Waste	M. Lazarus	TRUM-TA55-CPA-03	R00, 04/04/1995

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P179	TA-55 Generator Attachment to the Los Alamos TRU Waste Certification Plan	TWCP	TRU-MST12-CPA-03	Rev. 0, 03/1987
P180	Sampling PuO2 Procedure	R.A. Kent	HS-CMB11-PP-13	Rev. 3-9, March 1982 - February 1988
P181	Ceramography of 238 PuO2 Fuel Samples	T.G. George	HS-NMT9-PP-44	Rev. 0, 01/08/1992
P182	238 Pu Waste Solidification	D.D. Herrera	HS-MST11-PP-34	Rev. 0-3, 08/04/1986
P183	Cement Fixation of Process Residues in 55-Gallon Drums	G.W. Veazey	TRU-NMT2-DP-04	Rev. NA, July 1988 - September 1999
P184	Documentation for Cement Fixation	G.W. Veazey	TRU-NMT2-DP-14	Rev. NA, March 1993 - October 1997
P185	Cement Fixation of Process Residues in One-Gallon Cans	G.W. Veazey	TRU-MST12-DP-03	Rev.0, 04/1987
P186	Organic Liquid Emulsivication	G.W. Veazey	TRU-NMT2-DP-13	Rev. 0, 08/30/1993
P187	Characterization of Direct Oxide Salts	C.L. Foxx, J.A. McNeese, W.J. Giego, and A.R. Barr	LA-CP-95-0098	Rev. NA, 07/1995
P188	Standard Operating Procedure for the Waste Management at TA-55	E.L. Christensen	406-GEN	Rev. 0, 01/10/1978
P189	Direct Oxide Reduction of 238PuO2	G. Rinehart	NMT9-SOP-0089	Rev. 2, 07/17/2000
P190	Advanced Testing Line for Actinide Separations (ATLAS) Unit Operations	S.B. Schreiber	491-REC	Rev. 0-3, December 1991 - August 1997
P191	Inspecting, Packaging, Rejecting, and Remediating Transuranic Waste for WIPP and for TA-54 Safe Storage	D. Wulff	NMT7-HCP-TA55-013	R1.1, 12/02/2002
P192	TA-54 Area G TRU Oversized Container SSSR Activities	Paul N. Newberry	EP-AREAG-WO-DOP-1091	Rev. 7, 05/08/2014
P193	TA-54 Area G TRU SWB/Drum Operations	Stephanie Jacquez	EP-AREAG-WO-DOP-0211	Rev. 12, 09/26/2011

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P194	TA-54-231 PermaCon Upgrades	H. Gammage, et al.	TA54-231-FRD-00094	Rev. 0, 02/23/2012
P195	Sort, Segregate, Size Reduction, and Repackaging Activity	Scott A. Miller	EP-AREAG-WO-DOP-0216	Rev. 15, 05/23/2011
P196	TA-54 Area G Sludge Remediation Activities	Scott A. Miller	EP-AREAG-WO-DOP-0219	Rev. 8, 05/23/2011
P197	TA-54 Area G TRU Crate SSSR Activities	Paul N. Newberry	EP-AREAG-WO-DOP-0227	Rev. 11, 02/13/2012
P198	WCRRF Waste Characterization Glovebox Operations	Lou Jalbert	EP-WCRR-WO-DOP-0233, EP-WCRR-WO-DOP-1198	Rev. 32, 35, 36, 37, 0, 1, Various
P199	TA-54-375 TRU Oversized Box Processing Capability Project	Joe Kanzleiter, et al.	FRD-11-TA54-AREAG-001	Rev. 1, 03/07/2011
P203	TA-54 Area G TRU Corrugated Metal Box SSSR Activities	Paul N. Newberry	EP-AREAG-WO-DOP-1155	Rev. 1, 05/17/2013
P204	TA-54 Area G Ten-Drum Overpack Container Operations	Paul Newberry	EP-AREAG-WO-DOP-1159	Rev. 0, 08/08/2013
P205	TA-54 Area G TRU Waste Receipt, Storage and Transfer	Gail Welsh	EP-AREAG-WO-DOP-1086	Rev. 2, 01/29/2014
P206	WCRRF and Building TA-50-69 Waste Container Receipt, Movement, and Transfer	Lou Jalbert	EP-WCRR-WO-DOP-1199	Rev. 1, 04/16/2014
P207	LANL Waste Acceptance Criteria	LANL	P930-1	Rev. 6, 01/22/2014
U001	Review of Headspace Gas Data From Pre-WAP Analyses For Additions to AK	RRES HGAS SPM staff	TWCP-11061	n/a, 1/21/2003
U002	Review of RTR Data From Pre-WAP Analysis For AK	Deborah Smith, RRES	TWCP-11062	n/a, 1/21/2003
U004	Process Status Data from Area 55 WMD & Cert. Database	Hanna Makaruk, E-ET	TWCP-05086	4/5/01
U007	Review of RTR Data From Pre-WAP Analysis for AK	Deobrah Smith	TWCP-11062	Rev. NA, 01/21/2003

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

[a] From Acceptable Knowledge Souce Document Summaries (Attachments 3)

[b] Or publisher's document number if available

[c] In the case where a AK Summary Report has been revised based on information in Attachment 11- Acceptable Knowledge Source Document Discrepancy Resolution form, identify the tracking number.

Acceptable Knowledge Expert: Amy Johns / Amy Johns Date: 7-28-2015
Print/Sign

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Attachment 4 - Acceptable Knowledge Information List

Site(s): Los Alamos National Laboratory

Waste Stream Number: LA-OS-00-01.001

Waste Stream Description: Sealed Source Non-Hazardous Defense Debris Waste

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C001	Letter to R. Scott re: "RCRA Status of AmBe Sealed Sources"	Sylvia Lowrance, EPA	TWCP-03407	NA, 06/16/1992
C002	Letter to J. Browne (LANL) re: Approval to Generate OSRP Waste with No Disposal Path	R. Glass, DOE	TWCP-03760	NA, 02/10/2000
C003	Memo to LANL TWCP Records Management re: Estimation of U-234 Resulting from Pu-238 Decay	G. Miller	TWCP-10446	NA, 11/05/2002
C004	Memos and Other Documentation Supporting Pu-239 Defense Relationship	Various	TWCP-17036	NA, 07/08/2003
C005	Memo to K. Hargis re: Transfer Planning Letter for Shipment of Special Nuclear Material (UCNI)	J. Brooks, U.S. Navy	NA	NA, 06/10/1999
C006	Memos to S. Leonard and other re: Release of Sources to DOE (UCNI)	J. Wrzeski, U.S. Navy	TWCP-05615	NA, 03/01/2000
C007	Memo and Supporting Documentation to L. Leonard re: Special Form Character of MRC-N-SS-W-AmBe Sealed Sources	J. Tompkins	TWCP-05633	NA, 11/03/1999
C008	Memo to J. Whitworth re: Drum Weights with RTR Scale	C. Abeyta	TWCP-23863	NA, 10/20/2004
C009	Email to J. Whitworth re: Major TRU Sealed Source Manufacturers	S. Leonard	TWCP-24435	NA, 02/09/2005
C010	Memo re: Evaluating the Radionuclide Characterization of the OSRP Waste Stream LA-OS-00-01	A. Feldman, J. Whitworth	TWCP-24764	NA, 04/07/2005
C011	Defense Documentation for Eight SRS-Owned Sealed Sources	T. Feske	TWCP-10113	NA, 09/12/2002
C012	Memo to J. Whitworth re: MRC Pu8Be-47A and 47B	A. Feldman	May-61	NA, 06/20/2005
C013	Memo to OSR Project File re: SRS Source SN: MRPU8BE47 A & B, Two Capsules Recovered	J. A. Tompkins	N2:05-79	NA, 07/11/2005
C014	Memo to R. Williams, Department of Army, re: Interagency Agreement for Plutonium Number 3004 License SNM 318	Author: R. Larson, DOE	NA	NA, 06/14/1982
C015	Memo to OSR Project File, L. Porter, and M. Pearcy re: Packaging VOC Source Term for OSR Drums	J. Whitworth	N-2-05:84	NA, 07/12/2005

CCP RECORDS ORIGINAL
DATE REC'D 8/10/15 mr

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C016	Memos re: POC Packaging Practices for Sealed Source Waste	M. Caviness, L. Leonard	NA	NA, Various
C017	Memo to S. Schafer and OSR Project File re: Radiological Characterization of Source N800I25	J. Whitworth	N-2-06:025	Revision: NA, 01/10/2006
C018	Memo to T. Taulbee re: Radioactive Sources at the Portsmouth Gaseous Diffusion Plant (PORTS)	R. Litten	NA	NA, 04/05/2006
C019	Memo to R. Erickson (LASO) re: Expanded Scope for the Off-Site Source Recovery Program	P. Longsworth, Deputy Administrator, Defense Nuclear Nonproliferation	NA	NA, 03/02/2004
C020	Memo to J. Whitworth re: Projected Recovery Numbers	J. McAlpin	NA	NA, 06/13/2006
C021	Memo to OSR Project File re: Number of Containers in OSR Waste Stream	J. Whitworth	NA	NA, NA
C022	Memo to J. Whitworth re: Data Input for Pu-238 Source Characterization	A. Feldman	N-2: 06-184	NA, 06/22/2006
C023	Memo to A. Feldman re: Selection Criteria for Manufacture Dates for sources in BDR LA06-OSR-Ch-017	J. McAlpin	TA54-00711	NA, 08/03/2006
C026	SOURCE RECOVERY AT CPN April 4,2007	Christy L. Abeyta/ Doug Carter	NA	NA, 08/23/2007
C027	Memorandum: EXPLANATION OF TABLE REVISIONS TO CCP-AK-LANL-008 FOR INCORPORATION OF 241-Am / Be / 137 Cs COMBINATION SOURCES	Alex Feldman	N3-07-001 OSRP Files	NA, 10/31/2007
C028	Attachment 8: OSRP Email Requests for VE BDR Drums approved and entered by CCP into the AKTSS . LA07-OSR-VE-009, 011, 012, 014 and LA08-OSR-VE-001, 002, 003, 004, 007.	B.Gutierrez	NA	NA, Various
C029	OSRP email requests for drums characterized between May2007 to April 2008 to be added to the LANL AK tracking spreadsheet,	Ben Gutierrez, Jerry McAlpin	NA	NA, 04/03/2008
C030	TEXAS DEPARTMENT OF HEALTH Records Request: GULF NUCLEAR (L02995) SEALED SOURCE LOG BOOK	GULF NUCLEAR	L02995	NA, 06/29/2001
C031	Recommendations for Determination of Default Manufacture Date for Americium 241 Sources With No Documented Date of Manufacture	Alex Feldman	N2: 06-232; NEN-3: 14-233	Revision: Various, 09/25/2006; 12/23/2014
C032	OSRP Correspondance on Lithium Sources are non reactive and confirmation to be added into Waste Stream LA-OS-00-01.001	Julia Whitworth (OSRP)	NA	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C035	Waste Stream # LA-OS-00-01.001 Characterization of Sources Containing "Other Light Metals"	LANL (ORSP)	NA	NA, 01/21/2009
C037	OSRP email requests for drums characterized betwee April 2008 to March 2009 to be added to the LANL AK tracking spreadsheet	Ben S. Gutierrez	NA	NA, Various
C038	Universal application of the Registry of Radioactive Sealed Sources and Devices for NSR-F model sources	A Feldman	NA	NA, 03/08/2010
C039	OSRP email requests for drums characterized between April 2009 to February 2010 to be added to the LANL AK tracking spreadsheet.	Ben Guiterrez, Cristy Abeyta	NA	NA, Various
C040	FIELD DIFFERENTIATION BETWEEN NSR-D AND NSR-F SOURCES	Los Alamos National Labboratory (Alex Feldman)	N3-10-0185	NA, 08/05/2010
C041	USE OF THE NRC REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES FOR CHARACTREIZATION OF NSR-D MODEL SOURCES	Los Alamos National Laboratory (Alex Feldman)	N3-10-0184 C041	NA, 08/02/2010
C043	OSRP email requests for drums to be characterized between March 2010 to April 2011 to be added to the LANL AK tracking spreadsheet.	Ben Gutierrez, Julia Whitworth, James R. Fitzgerald	NA	NA, Various
C045	Interview of Patrick Goff by Christopher Chancellor regarding UC Berkeley Am-241 foil generation dates	Christopher Chancellor	C045	NA, 06/27/2011
C047	Letter from Joseph A. Lenhard to Dr. Herman Postma regarding Californium-252 sales and distribution	Joseph A. Lenhard	NA	NA, 08/01/1986
C048	Internal Correspondence from J. B. Knauer to J. T. Mihalczo regarding TPP Shipment No. 1385: Cf-252 Fission Source CF-30 (MC-11424)	J. B. Knauer	NA	NA, 02/01/1988
C049	Correspondence from J. E. Bigelow to M. M. Abraham regarding Packaging of a Sample of Cm-244 for TRU Shipment No. 1091 (MC-01783)	J. E. Bigelow	NA	NA, 04/22/1980
C050	Correspondence from T. A. Butler to E. Lamb regarding Specifications and Delivery Schedule for 40-gram 244CmO2 Product from Chemical Technology Division (includes Curium Process Development)	T. A. Butler	NA	NA, 09/05/1967
C051	Letter from Herman M. Roth to Dr. A. M. Weinberg regarding Cm-244 from SRP	Herman M. Roth	NA	NA, 08/16/1968

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C052	Correspondence from R. E. McHenry to T. A. Butler regarding SRL Production Schedule for Cm-244	R. E. McHenry	NA	NA, 12/06/1966
C055	Correspondence from C. L. Ottinger to R. W. Schaich regarding Cm-244 inventory	C. L. Ottinger	NA	NA, 09/21/1965
C056	Correspondence from J. E. Bigelow to H. L. Adair regarding Analysis of Californium in Mother Source TRU Shipment No. 889	J. E. Bigelow	NA	NA, 04/14/1978
C057	Communication from J. B. Knauer to Rocky Cline regarding Typical Analytical Data for Cm-244 (Batch No. 3P21Cm-PROD) and Cf-252 Cf-252 (Batch No. 9H247Cf-PROD) Produced at the REDC	J. B. Knauer	NA	NA, 04/02/1997
C059	Memorandum from Julia Whitworth regarding Use of Foreign-Origin Radioactive Material in Sealed Sources	Julia Whitworth	N3-2011-080	NA, 08/05/2011
C060	Engineering Evaluation of Nuclear Powered Pacemakers as Special Form Radioactive Material	J. Andrew Tompkins	NA	NA, 11/01/2000
C061	Memorandum from Alex Feldman to Julia Whitworth regarding HISTORY OF NON-US ORIGIN TRANSURANICS IN SOURCES OF US MANUFACTURE	Alex Feldman	N2: 06-199	NA, 07/25/2006
C062	Memorandum from Alex Feldman to Ben Gutierrez regarding Acceptable Methods for Establishing a Default Manufacturer Date of Birth for Sealed Sources with No Documented Date of Manufacture	Alex Feldman	N3-2011-086	NA, 09/26/2011
C064	Gammatron approximate last date of manufacture for NSR-GB sealed sources	Corban Gallagher	C064	NA, 12/01/2011
C065	OSRP email requests for drums to be characterized between July 2011 to December 2011 to be added to the LANL AK Tracking Spreadsheet	Christopher Chancellor, et al	C065	NA, Various
C066	Interview of Jim Matzkev and Jerry McAlpin by AKE Lisa Watson regarding Method for Handling Leaking Sealed Sources	Lisa Watson	C066	NA, 01/25/2012
C067	OSRP email requests for drums to be characterized between February 2012 to April 2012 to be added to the LANL AK Tracking Spreadsheet	Christopher Chancellor, et al	C067	NA, Various
C068	Memorandum to Cristy Abeyta Re: Methodology for Identifying NSR-D and NSR-F Sealed Sources	Jim Matzke, Ioana Witkowski	Document Number and Revision: NA	3/28/2012
C069	OSRP email requests for drums to be characterized between May 2012 to June 2012 to be added to the LANL AK Tracking Spreadsheet	Christopher Chancellor, Sherry Auckland	C069	NA, Various
C070	OSRP email requests for drums to be characterized between July 2012 to August 2012 to be added to the LANL AK Tracking Spreadsheet	Christopher Chancellor, Sherry Auckland	Document Number & Revision: NA	Various Dates

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C071	Memo to Cristy Abeyta Re: Characterization of CEA (French Atomic Energy Agency) Sources	Author: Mike Fanning	Document Number and Revision: NA	08/29/2012
C072	OSRP email requests for drums to be characterized between September 2012 to November 2012 to be added to the LANL AK Tracking Spreadsheet	Christopher Chancellor, Sherry Auckland	Document Number & Revision: NA	Various Dates
C073	OSRP email requests for drums to be characterized between December 2012 to March 2013 to be added to the LANL AK Tracking Spreadsheet	Christopher Chancellor; Sherry Auckland	Document Number and Revision: N/A	Various Dates
C074	OSRP email requests for drums to be characterized between March 2013 through May 2013 to be added to the LANL AK Tracking Spreadsheet	Christopher Chancellor; Sherry Auckland	Document Number and Revision: N/A	Various Dates
C075	OSRP email request for drum to be characterized, sent on June 20, 2013, to be added to the LANL AK Tracking Spreadsheet	Sherry Auckland	NA	Revision: NA, 06/20/2013
C076	Email requests for drums to be added to the LANL AK Tracking Spreadsheet	Sherry Auckland and Christina Poulos	Document Number: NA	Revision: NA, Date: Various
D001	Headspace Gas Sampling and Analysis Evaluation for LANL Sealed Sources	B. Humphreys	LAUR-03-0917	NA, NA
D002	RCRA Designation of Discarded Americium/Beryllium Sealed Sources	N. Kirner	TWCP-03408, DOE/LLW-195	NA, 09/01/1994
D003	Hazardous Waste Determination for Actinide-Bearing Sealed Sources to be Received at LANL	L. Leonard	TWCP-03409	NA, 02/25/2005
D004	The Off-Site Source Recovery Project at Los Alamos	L. Leonard, J. Tompkins, S. Leonard, M. Pearson, J. McAlpin, C. Grigsby	TWCP-03756, LA-UR-99-6218	NA, 01/01/1999
D005	Summary of Sealed Source Types, OSR Project	S. Leonard	TWCP-03759	NA, 04/11/2000
D006	Encapsulation and Source Activities of Alpha-n Neutron Sources	R. T. Perry	LA-UR 99-6553, ERID-139574, ESH-12:99-00-03	NA, 01/07/2000
D007	Radiological Characterization of Actinide Sealed Source Waste for Disposal at WIPP	J. Vance, M. Pearson	P2010-1251	NA, 03/01/2005

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D008	Sealed Sources Peer Review Report	H. Evans, J. Harvill, T. Sowdon, and J. Booth	TWCP-18562	NA, 12/05/2003
D009	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239	B. Humphrey	TWCP-17152, TWCP-AK-2.1-015	3, 04/10/2003
D010	Amersham Source Catalogue, Manufacturer Data	Amersham	TWCP-09462	NA, 08/09/2002
D011	Special Form Documentation for AmBe and PuBe Neutron Test Sources (UCNI)	J. Foster	TWCP-05634	NA, 03/01/1991
D012	Engineering Evaluation of New England Nuclear Model NER-478C Sealed Sources as Special Form Radioactive Material	J. Tompkins	TWCP-05635	NA, 05/21/2001
D013	Development of Representative Radionuclide Distributions for Use in Radiological Characterization of Sealed Sources Based on Acceptable Knowledge Information	J. Vance, M. Pearson, A. Feldman, and J. Tompkins	P2010-1188	NA, NA
D014	Inspection and Recanning Program of PuBe Neutron Sources	M. Hertz, Monsanto	TWCP-07664, MLM-1188	NA, 01/07/1964
D015	Characterization of Actinide-Bearing Sealed Sources by Acceptable Knowledge - Justification and Methods	M. Pearson, J. Whitworth, L. Leonard, A. Feldman, J. McAlpin	TWCP-24600, LA-UR-03-3557	NA, 05/22/2003
D016	Manual for Nuclear Materials Management and Safeguards System Reporting and Data Submission	DOE	TWCP-24596, DOE M 474.1-2A	NA, 08/19/2003
D017	An Evaluation of the Use of Calorimetry for Shipper-Receiver Measurements of Plutonium	W. Rodenburg	TWCP-24661, NUREG/CR-0014	NA, 06/01/1978
D018	American National Standard Calibration Techniques for the Calorimetric Assay of Plutonium-Bearing Solids Applied to Nuclear Materials Control	Secretariat of the Institute of Nuclear Materials Management	TWCP-24657, ANSI N15.22-1975	NA, 06/05/1975
D019	Standard Test Methods for Nondestructive Assay of Plutonium, Tritium, and Am-241 by Calorimetric Assay	ASTM	TWCP-24646, C1458-00	NA, 03/01/2000
D020	Acceptable Knowledge Report for Legacy Debris TA-55 Waste Streams Containing Pu-239, LA-UR-02-6665	B. Humphrey	TWCP-12768, TWCP-AK-2.1-015	2, 10/09/2002

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D021	Handbook of Nuclear Safeguards Measurement Methods	D. Rogers	TWCP-24655, NUREG/CR-2078	NA, 09/01/1983
D022	Test Report for Los Alamos National Laboratory on 3" Special Form Radioactive Material Capsules	Pacific Testing Laboratories, Inc.	TWCP-22779	NA, 08/23/2001
D023	WIPP Eligibility Determination of U.S. Army Research Laboratory Pu-239 Fission Foils	S. Leonard	TWCP-25636	NA, 06/01/1999
D024	Statement of Work, Mitigate Radioactive Sources at Savannah River Site, 777-10A	T.J. Feske	FDD-ENG-2001-00153	0, 01/17/2002
D025	Transuranic Waste Defense Determination Approval Forms	Joel Grimm, NNSA	NA	NA, 02/17/2006
D028	Summary of Nuclear Atomcell Characteristics and Testing	Telectronics Pacing System	TWCP-05625	NA, 11/27/1989
D029	NEUTRON SOIL DENSITY and MOISTURE GAUGES MC-1, MCM-2 and MC-3 (CPN INTERNATIONAL) REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES SAFETY EVALUATION	CPN INTERNATIONAL	CA0208D102S, CA0208D108S	NA, 01/04/07
D030	Transuranic Waste Defense Determination Approval Forms, Waste Stream LA-OS-NS-04	Julia Whitworth	P2010-2296	NA, Various
D031	Waste Determination of Encapsulated Radioactive Sources Containing Small Quantities of Lithium	M.W Pearson, Julia Whitworth, Timothy Burns, John U. Moon	LA-UR-08-03351	NA, 04/01/2008
D036	Memorandum from J. Andrew Tompkins to Ioana Whitowski regarding Cm-244 / Cf-252 Historical Characterization for OSR Project	J. Andrew Tompkins	N3-2011-241	N/A, N/A
D037	Memorandum from Alex Feldman to J. Zarling and C. Abeyta regarding Californium-252 and Curium-244 Source Material Eligibility for WIPP disposal	Author: Alex Feldman	N4-2011-245	Revision: NA, 12/1/2011
D039	Curium Data Sheets	S. J. Rimshaw, E. E. Ketchen	ORNL-4187	NA, 12/1967
D049	Transuranic Waste Defense Determination Approval Form for Waste Stream LA-OS-NA-06	Abeyta, C.	Document Number: NA	Revision: NA, 8/2/2013
D050	Radiological Characterization Technical Report for Curium-244 Sealed Source Transuranic Debris Waste for the Off-Site Source Recovery Project at Los Alamos National Laboratory	Author: Jene Vance	Document Number: LA-UR-13-27699; OSR-TD-030	Revision: 0, Date: 06/04/2013
DR001	Discrepancy Resolution re: Difference Between NMMSS and Shipping Data for Seven LLNL Sealed Sources	J. Whitworth	TWCP-24765	NA, 04/07/2005

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
DR002	Discrepancy Resolution re: Source MRC-PuBe-8-8	J. Whitworth	TWCP-25265	NA, 06/15/2005
DR003	Discrepancy Resolution re: Manufacture Dates on Recanned Monsanto Sources	J. Whitworth	TWCP-24925	NA, 06/13/2005
DR004	Discrepancy Resolution re: Source Pu8Be47-A&B from SRS	J. Whitworth	TWCP-25633	NA, 07/27/2005
DR005	Discrepancy Resolution re: Pu Value on Source M-1228	J. Whitworth	TWCP-24926	NA, 05/03/2005
DR006	Discrepancy Resolution re: Pu Value on Source M561	J. Whitworth	TWCP-25266	NA, 06/15/2005
DR007	Discrepancy Resolution re: Sources MRPUBE346-348	J. Whitworth	TWCP-25264	NA, 06/20/2005
DR008	Discrepancy Resolution re: Sources in Container 60384	J. Whitworth	TWCP-25634	NA, 07/21/2005
DR009	Discrepancy Resolution re: Sources MRPU228-252	J. Whitworth	TWCP-25635	NA, 07/19/2005
DR010	Discrepancy Resolution re: Certain Dates in NMMSS Database	J. Whitworth	DR010	NA, 08/08/2005
DR011	Discrepancy Resolution of manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services.	Monsanto Research Corp (MRC)	M189-M190 190	N/A, Various
DR012	Discrepancy Resolution of attempt to add the already emplaced container No. 58651 to the Tracking Spreadsheet based on a VE-BDR that included it among four other containers that were to be added to the AK.	Christopher Chancellor	DR012	NA, 04/24/2012
M001	Summary of Waste Stream Containers / Spreadsheet of OSR Defense Related Drums	J. McAlpin / J. Whitworth	P2010-0919	NA, Various
M002	Batch Data Report Number LA02-HGAS/IA-006 for Headspace Gas Analysis to Determine OSR Packaging Source Term	Laura Ortega et al	LA02-HGAS/IA-006	NA, 11/21/2002
M003	FACILITIES REVIEW, NEUTRON SOURCE STORAGE AT TA-55 AREA G	LANL ESH-19 DATABASE	TWCP-03755 / P2010-0935	NA, 03/04/1999
M004	LANL WASTE PROFILE FORM # 31353	M. PEARSON / LANL	TWCP-03757/ P2010-0934	NA, 09/05/2000
M005	Query of "Registry of Radioactive Sealed Sources and Devices," MAY 21, 1982	J. Whitworth / S. Leonard (LANL)	TWCP-03758 / P2010-0925	NA, Various
M006	NMMSS Report SS-2 From "Nuclear Material Management and Safeguards System" (Listing of Sealed Sources by RIS as of 12/31/85)	NA	NA	NA, 12/31/1985
M007	Manufacturer Data from Mound Monsanto and GE Schenectady-Navy	Monsanto, GE	TWCP-05659	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M008	Calculation: Verification Check Calculation of ACCESS Characterization Calculations Performed in the OSR Characterization Database	J. Vance	TWCP-, OSR-TD-015	NA, 03/15/2005
M009	Calculation: Development of Radionuclide Distribution and Uncertainties in Pu-238 Sealed Source Material	J. Vance	TWCP-20710, ERID-154644, OSR-TD-010	0, 03/16/2005
M010	Calculation: Development of Radionuclide Distribution and Uncertainties in Pu-239 Sealed Source Material	J. Vance	TWCP-20711; OSR-TD-011	1, 03/18/2005
M011	Calculation: Development of Radionuclide Distribution and Uncertainties in Am-241 Sealed Source Material	J. Vance	OSR-TD-012	0, 03/16/2005
M012	Sealed Source Drawings	Monsanto	TWCP-10565	NA, 11/15/2002
M013	Shipping Data Sheets from Monsanto Chemical Company (Mound) to Westinghouse	Monsanto Chemical Company	TWCP-05760	NA, 03/14/1961
M014	Welding Test Records	Monsanto	TWCP-09293	NA, 07/18/2002
M015	Purchase Orders for Pu-238 Batch Material	Monsanto	TWCP-09269, P2010-0929	NA, Various
M016	Purchase Orders for Am-241 Batch Material	Monsanto	TWCP-09270, P2010-0930	NA, Various
M017	Purchase Records for Am-241 Batch Material	Gamma Industries	TWCP-09356, P2010-0962	NA, Various
M018	Memo to S. Leonard re: Examples of NRC Form 741 for the ARCO Nuclear Pacemakers	M. McAnulty, ARCO	TWCP-05662, P2010-0960	NA, 11/27/2000
M019	Special Form Traveler Sheets	J. McAlpin and J. Matzke, OSR	TWCP-09005	NA, 06/06/2002
M020	NMMSS Listing of Sealed Sources by RIS	Union Carbide Corporation	TWCP-06410	NA, 09/30/1975
M021	Am-241 Analysis on Product Batches in the DOE Sales Pool	J. McAlpin	TWCP-05656/ P-2010-0955	NA, NA
M022	Manufacturer's Data for Sources MRPUBE-315, 1501-NK, AND C-589	J. McAlpin	TWCP-23530/ P2010-0957	NA, Various
M023	Manufacturer's Data for Kentucky Sources	J. McAlpin	TWCP-19489 / P2010-0958	NA, 10/08/2003

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M024	Manufacturer's Data for NUMEC Sources at Cornell College, 320C23	Nuclear Materials and Equipment Corporation	TWCP-18917/P2010-0956	NA, 04/19/1963
M025	Manufacturer's Data for LLNL Sources (LLNL - MRC-Pu-Be-8-1, MRC - PuBe-8-7, MRC - PuBe-8-15, MRC-PuBe-8-9, MRC-Pu8Be-26, MRC-PuBe-28)	Various	TWCP-10115 / P2010-0931	NA, Various
M026	Pu-239/Be Sealed Source Supporting Documentation	J. McAlpin	TWCP-05657	NA, 12/02/1999
M027	Manufacturer Data for Monsanto Sources at Knolls Atomic Power Lab	KAPL	TWCP-08997	NA, Various
M028	Analytical Chemistry Reports for Am Oxide Batches	ORNL	TWCP-05646	NA, Various
M029	Visitor's Guide, Los Alamos National Laboratory	LANL	TWCP-23883	NA, 08/01/1998
M030	Maps from the LANL Website	LANL	TWCP-23882	NA, Various
M031	Container Packaging and VE Data Records	Various	NA	NA, Various
M032	Contamination Survey Forms	LANL	NA	NA, Various
M033	LANL Waste Profile Form #32779	M. Pearson	TWCP-05642	NA, 08/15/2000
M034	Special Form Certificates	Various	TWCP-10656	NA, Various
M035	Waste Stream Profile Form for LA-OS-00-01, Change Notice #1	S. Wander	TWCP-13538 / P2010-0964	NA, 05/15/2003
M036	Calculation of Prevalent Radionuclides for the OSR Waste Stream	J. Whitworth	TWCP-23881 / P2010-0963	NA, 10/26/2004
M037	OSR Plutonium Weight Percent Calculation	J. Whitworth	TWCP-24253	NA, 01/10/2005
M038	Mound Site Purchase Orders and Shipping Data	U.S. Atomic Energy Commission	TWCP-05632 (P2010-1072)	NA, Various
M039	Regulatory Information on the Status of Lead used as Shielding in Waste Containers	EPA	TWCP-24535	NA, Various
M040	Specification for Plutonium-238-Beryllium Annular Pellets (OUO)	Monsanto Research Corporation	TWCP-24599, NPD-STD-051	1, 09/01/1980
M041	NUMEC Plutonium-Beryllium Neutron Sources Catalog	NUMEC	TWCP-24598	NA, NA

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M042	Monsanto Radioactive Source Catalog	Monsanto	TWCP-24597	NA, 03/15/1968
M043	Oak Ridge Data Sheets for Pu-238 Shipments	ORNL	TWCP-24459	NA, Various
M044	General Atomic Battery Data	General Atomic	TWCP-05715	NA, 06/10/1971
M045	Documentation of Sources in Special Form Capsules	OSR Project	TWCP-24660	NA, Various
M046	ARCO Nuclear Technical Document, 039274	ARCO Nuclear Company	TWCP-05661, 032974	NA, 4/15/1974
M047	General Atomic QA Data on PuN Capsules	General Atomic	TWCP-05708	NA, 09/21/1972
M048	General Atomic QA Data on Battery 3b89	General Atomic	TWCP-05723	NA, 02/07/1972
M049	General Atomic QA Data on Battery 3b73	General Atomic	TWCP-05720	NA, 12/14/1971
M050	Calculation re: Estimation of the Sr-90/Cs-137 Ratio in Sealed Source Materials	J. Vance	TWCP-24666	NA, 04/04/2005
M051	Isotopic Composition of U and Th Mixtures	Benchmark	TWCP-05648	NA, 08/06/1999
M052	Shipping Documents from Donald Douglas to Gulf Atomic	Donald W. Douglas Laboratories	TWCP-24460	NA, Various
M053	Information on U.S. Army TACOM Sealed Sources	Various	TWCP-09024	NA, 06/10/2002
M054	Monsanto Data for Pu-238/Be Neutron Sources Shipped to Gulf Energy	MRC	TWCP-08335	NA, 02/01/1973
M055	Current Projection of OSR Waste Stream Volume LA-OS-00-01	J. McAlpin, OSR	TWCP-24742	NA, 04/13/2005
M056	Shipping Data for Recanned Sealed Sources	Monsanto	TWCP-24932	NA, 11/25/1963
M057	Shipping Data Form for Source MRC-PuBe-8-8	Monsanto Research Corp	TWCP-25186	NA, 04/11/1963
M059	Evaluation of Isotopic Activity as a Function of Source Date of Birth	A. Feldman	NA	NA, Various
M060	Analysis for Beryllium Weight Percent for Waste Stream LA-OS-00-01	NA	NA	NA, 08/15/2005
M061	Analytical Batch Data Report for LA05-HGAS/LA-046, Standard POC with Cane Fiberboard Insert	LANL	NA	NA, 7/15/2005
M063	Shipping Data Sheet for Source "Q" at Brookhaven NL	LASL	NA	NA, 01/06/1956

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M064	Shipping Data Form for U-Nebraska Sources	Monsanto	P2010-1505	NA, 10/02/1962
M065	Shipping Data Form for Source MRC-PuBe-230	J. Richmond	NA	NA, 07/23/1963
M066	Form 741 Nuclear Material Transaction Report to Arco	Gail Russell	TWCP-09007	NA, 02/25/1981
M069	Amersham International Transport Containers MNEMONICS	NA	TA54-04098	N/A, Various
M070	Amersham Corp Product Specifications Report	Mark G. Shelton	None	NA, 03/01/1985
M071	Logbook : Amersham, Source number. Serial number and Model number	None	None	NA, Various
M074	Nuclear Sources and Services Inc. Sealed Source Certificates NSR-GB 2104 to 4471-Schlumberger Well Services (Owner)	Jerry McAlpin (Originator)	TWCP-12391	NA, 03/26/2003
M075	OSR - Manufacturer's Data -Pkg-002, Monsanto - Texas Nuclear Division; Pu8Be-497	Jerry McAlpin (Originator)	TWCP-07548	NA, 01/22/2002
M076	OSR - Manufacturer's Data -Pkg-002, Monsanto - Schlumberger Well Services; AmBe-2155 thru 2176	Jerry McAlpin (Originator)	TWCP-07331	NA, 01/07/2002
M077	OSR - Manufacturer's Data - Pkg-002 Medtronic - Battery Data Technical Report on the Medtronic TM Model 9000 Isotopic Pulse Generator	Jerry McAlpin (Originator)	TWCP-05747	NA, 06/01/1974
M078	OSR -Manufacturer's Data - Pkg-002 Monsanto - Schlumberger; AmBe-3353 thru 3507	Jerry McAlpin (Originator)	TWCP-07345	NA, 01/07/2002
M079	OSR - Manufacturer's Data - Pkg-002 TWCP - 05659 Mound/Monsanto Source Design Data Monsanto - Schlumberger; AmBe-3016 thru 3080	Jerry McAlpin (Originator)	TWCP-07288	NA, 12/17/2001
M080	OSR - Manufacturer's Data - Pkg-002 Mound/Monsanto Source Design Data Monsanto - Schlumberger; SWS-3548 thru 3587	Jerry McAlpin	TWCP-07088	NA, 11/5/2001
M081	Radioactive Source Test Report	M. Lafferty et. al, Amersham International plc, Buckinghamshire England	TA54-03268	NA, 01/28/1992
M082	Material Transfer Form - Leased Material (Monsanto Research Corporation to University of Nebraska)	A. J. Cassell (Shipper)	TA54-03267	NA, 10/02/1962

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M083	Registry of Radioactive Sealed Sources and Devices	NA	CA0208S101S, TA54-03266	NA, 07/29/1999
M084	Registry of Radioactive Sealed Sources and Devices	NA	NR-874-D-801-S, TWCP-05610	NA, 05/23/1995
M085	Registry of Radioactive Sealed Sources and Devices (No: IL-604-D-801-S)	Jerry McAlpin (Originator)	IL-604-D-801-S	NA, 05/21/1999
M086	RDECOM Edgewood; C5279	NA	TWCP-25524	NA, 08/22/1974
M087	Manufacturer's Data- Pkg-002 VA Medical Center; Siemens Anatomical Markers Registry of Radioactive Sealed Sources and Devices	NA	TWCP-19979	NA, Various
M088	OSR-Manufacturer's Data - Pkg-002 Commonwealth Virginia; AmBe-1557; Model 2725	NA	TWCP-08538	NA, Various
M089	OSR-Manufacturer's Data - Pkg-002 TWCP- 05659 Mound/Monsanto Monsanto -J.L.Shepherd, Inc.; Serial Numbers Pu8Be-436 and 437; Model #2725B	Jerry McAlpin (Originator)	TWCP-07272	NA, 12/20/1977
M090	OSR-Manufacturer's Data - Pkg-002 Gulf Nuclear - Test Data Test Results on Model 71-1	NA	TWCP-06277	NA, NA
M091	Brookhaven; Foils #1,2,3,4, 9649, 6286LA; S1828; Shipping record and NMMIS record	NA	TWCP-26045	NA, Various
M092	OSR-Manufacturer's Data - Pkg-002 Monsanto -Selsmograph Service Corp; Pu8Be 273 thru 292	NA	TWCP-08304	NA, Various
M093	Shipping Data Plutonium Neutron Source	NA	TA54-03265 / P2010-2038	NA, 08/28/1959
M094	OSR-Manufacturer's Data - Pkg-002 Monsanto -J. L. Shepherd & Associates; MRC- Pu8Be-496 and 437; Model #2725-B	NA	TWCP-07493 / P2010-2055	NA, Various
M095	U.S. Department of Energy Nuclear Material Transaction Report	NA	TA54-03264	NA, 02/10/1981
M096	Sealed Radioactive Source Test Report	NA	TA54-03263	NA, 03/03/1995
M097	Sealed Radioactive Source Test Report	NA	TA54-03262	NA, 07/21/1980
M098	Registry of Radioactive Sealed Sources and Devices	NA	TA54-03261	NA, 07/23/1998
M099	Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device (Amended in its Entirety)	NA	TA54-03260	NA, 01/04/2007

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M100	Neutron Sources	NA	TA54-03259	NA, Various
M101	Registry of Radioactive Sealed Sources and Devices	NA	TA54-03258	NA, 05/27/1992
M102	Radioactive Source Test Report	NA	TA54-03257	NA, 07/15/1992
M103	Radioactive Source Test Report	NA	TA54-03256	NA, 05/18/1998
M104	Radioactive Source Test Report	NA	TA54-03255	NA, 06/01/1988
M105	Sealed Radioactive Source Test Report	NA	TA54-03254	NA, 03/14/1986
M106	Amersham Catalog Information (partial)	NA	TA54-03253	NA, NA
M107	IAEA Certificate of Competent Authority Special Form Radioactive Material Certificate Number USA/0357/S, Revision 6	NA	TA54-03252; USA/0357/S	Rev.6, Various
M108	Qal-Tek Associates Instrumentation and Professional Services	Thomas Banneck, Radioactive Source Disposal Specialist	TA54-03251	NA, 02/19/2004
M109	Sources Catalog from AEA Technology	AEA Technology	TWCP-04962; 2004-1112	NA, NA
M110	OSR-Manufacturer's Data - Pkg-002 Monsanto-Defense Personnel Support Center; Am-1506 thru 1525; Model 2704	NA	TWCP-08113	NA, Various
M111	Amersham Catalog (portion)	NA	TA54-03250	NA, NA
M112	Registry of Radioactive Sealed Sources and Devices (Amended in its Entirety)	NA	TA54-03249	NA, 01/15/1997
M113	OSR-Manufacturer's Data - Pkg-002 Monsanto-Ohmart Corp; Am--241; Model 2438	NA	TWCP-08543	NA, NA
M114	Amersham Catalog	NA	TA54-03248	NA, NA
M115	OSR-Manufacturer's Data - Pkg-002 Schlumberger - Sealed Source Certificates NSR-F A-1111 A2325	NA	TWCP-12392	NA, Various
M116	OSR-Manufacturer's Data - Pkg-002 Halliburton - Source Certificates	NA	TWCP-10572	NA, Various

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M117	OSR - Manufacturer's Data - Pkg-002 TWCP-05659 Mound/Monsanto Source Design Data Monsanto- Schlumberger; AmBe-3016 thru 3080	NA	TWCP-07288	NA, Various
M118	OSR - Manufacturer's Data - Pkg-002 Monsanto- Portland Gas and Electric; Pu8Be-359; Model 2722-B	NA	TWCP-08299	NA, Various
M119	CH AK8 Evaluation to Add Containers to CCP-AK-LANL-8; 5/15/06 - 4/11/07	Wesley G. Estill	None	NA, 05/14/2007
M120	Table of Excess Sealed Sources of Isotopic Material	Biocontrol Technology	TWCP-05611	NA, 02/01/2007
M121	Shipping Data Forms for Monsanto Sources at Brookhaven	Monsanto	TWCP-24982	NA, Various
M122	Monsanto Manufacturing Orders for Pu-238/Be Sources for Brookhaven	Monsanto Research Corporation	TWCP-07275	NA, Various
M123	Manufacturing Specifications for Sources for Schlumberger Well Services	Schlumberger	TWCP-07461	NA, Various
M124	Manufacturing Specifications for Sources for Seismograph Service Corp	NA	TWCP-07183	NA, Various
M125	Manufacturer Data (NSSI), Gammatron to Birdwell, Sealed Source Certificates for Serial Number BP-01 T0-28 AND BP-100 TO -105	NUCLEAR SOURCES & SERVICES INC. (NSSI)	TWCP-14924	NA, Various
M126	Engineering Specifications for Sources for Seismograph/Birdwell.	NA	TWCP-07409	NA, Various
M127	Accufix Correspondence to LANL Radioactive Materials License, Reports on Nuclear Ommni-Stanicor Pacer Model 184A, 184B,	Accufix Reaserch Institute/Jerry McAlpin	TWCP-05829	N/A, 03/15/2000
M128	Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Devices for Nuclear Powered Cardiac Pacemakers (NR-975-D-801-S, NR-8042-D-801-S) and Miniature Nuclear Batteries (CA309D102S, CA309D101S)	American Optical Corporation, General Atomics and Telectronics Pacing Systems previously Cordis Corporation.	NA	NA, Various

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M129	Mound/Monsanto Source design Data, Monsanto to Kennedy Space Center, NASA, Pu8Be Model 2723, TWCP-07185.	E.F Jemzow, Monsanto Engineered Products Department	TWCP-07185	N/A, Various
M130	Gulf General Atomic Radiological Safety of Miniature Nuclear Batteries	NA	TWCP-05668; GULF-CA-C10926	NA, 01/01/1972
M131	Gulf General Atomic, Alcatel, Hitman, Miniature Nuclear Battery Design Specifications, TWCP- 05666	Gulf General Atomic Corporation	TWCP-05666	N/A, NA
M132	NMMSS Report extracts as of 12-31-85 on Sealed Sources # SS-1 and # SS-2, MRC Shipping Data to Seismograph and to JF Kennedy Space Center-NASA, Gulf General Atomic Data on Miniature Nuclear Batteries.	NMMSS, Monsanto Research, Seismograph, Gulf General Atomic	TA54-04092	NA, Various
M133	Characterization of Am-241/Be/Cs-137 Combination Sources	Alex Feldman	N2: 07-142(R1) / TA54-04090 / P2010-2175	N/A, 06/28/2007
M134	Amersham source test reports for Am241/Be sources in drum LA00000062310	Amersham	NA	NA, Various
M135	Troxler Source Data from Monsanto Research Corporation Engineered Products Department	Monsanto Research Corporation Engineered Products Department	ERID-501351	NA, Various
M136	Amersham and Monsanto Source Activity Information for Am241/Be Sources in drum LA00000062753	Amersham 1979-1995, Monsanto Research Corporation 1983	NA	NA, Various
M137	Amersham Radioactive Sealed Source Test Reports for Am241/Be Sources "NJ series" in drum LA00000062753	Amersham International 1989-1995, Nycomed Amersham 1998	NA	NA, Various
M138	Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Sealed Source (Amended in its Entirety) AMN.V997, AMN.V340	AEA Technology QSA Incorporated	NA	NA, 03/08/2004

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M139	Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Device, Troxler Depth Moisture Probe model 1255 and 1257	Troxler Electronic Laboratories, Inc.	NA	NA, 07/15/1999
M140	Shipping File Documentation Listing Location: Florida State University	NA	NA	NA, Various
M141	Amersham International and Monsanto Corp. Source Activity Information on Am241/Be Sources Present in drum LA00000062305	Amersham Corporation 1978-2000, Monsanto Research Corp. 1983-1984	TA54-03850	NA, Various
M142	OSR-Registry of Radioactive Sealed Sources and Devices, Safety Evaluation of Device, Troxler Asphalt Content Gauge containing Amersham Sources Model No. AMNV.340, AMNV.339	Troxler Electronic Laboratories, Inc.	TA54-03859	NA, 04/04/2007
M143	AK Documentation for Characterization BDR LA07-OSR-CH-013, drums LA00000061600, LA00000061661, LA00000061566, LA00000061596, LA00000062761	US NRC, Amersham Corporation, NSSI, Monsanto Research Corp.	ERID-500443	NA, Various
M144	AK Documentation for Characterization BDR LA08-OSR-CH-001, drums 64000, 64001, 64003, 64004, 64005, 64006, 64007, 64008, 64009, 64010, 64012	NRC-Registry of Radioactive Sources and Devices, Troxler Electronic Laboratories Inc, NMMSS Report, US DOT, OSRP	NA	NA, Various
M145	IAEA Certificates of Competent Authority Special Form Radioactive Materials Certificate Numbers USA/0696/S-96 and USA/0695/S-96	Author NA	USA/0696/S-96; USA/0695/S-96	Revisions 3 and 6, Date(s): Various
M146	AK Documentation for Characterization BDR LA08-OSR-CH-002, drums LA00000061459, LA00000061460, LA00000061461, LA00000061570, LA00000061659, LA00000064014	Amersham International, Monsanto Research Corp, US NRC, IPL	ERID-500596	NA, Various
M147	AK Documentation for Characterization BDR LA07-OSR-CH-010, drums: LA00000062775, 62774, 62773, 62772, 62771, 61591, 62762	EG&G Mound, Amersham Corp, US NRC	ERID-503794	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M148	AK Documentation for Characterization BDR LA08-OSR-CH-003, drum LA00000061567	Isotope Products Laboratory (IPL), Amersham Corporation, AEA Technology	ERID-500796	NA, Various
M149	Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device (LA08-OSR-VE-004)	Biocontrol Technology/Monsanto	ERID-500796	NA, Various
M150	Manufacturing order for MRC AmBe neutron source model 2726-B, serial number AmBe 2951 for IAEA project in Ecuador	Monsanto Research Corp.	TWCP-07079	NA, 04/10/2008
M151	AK Documentation for Characterization BDR LA08-OSR-CH-006, drums: LA00000058701, LA00000058727, LA00000058798, LA00000061509, LA00000062720, LA00000062721	US NRC, Monsanto Research Corp., Amersham Corporation	ERID-501774	NA, Various
M152	AK Documentation for Characterization BDR LA08-OSR-CH-005, drum: LA00000060281	Amersham Corporation, Monsanto Research Corp., New England Nuclear, Mississippi State Board of Health	TWCP-09462	NA, Various
M153	AK Documentation for Characterization BDR LA08-OSR-CH-008, drums:LA00000064002, LA00000064011, LA00000062763, LA00000062764, LA00000059909, LA00000059918, LA00000059919	Amersham Corporation, Troxler Labs, NRC	ERID-502207	NA, Various
M154	AK Documentation for Characterization BDR LA08-OSR-CH-010, drums: LA00000062708, LA00000062712, LA00000062713	NRC, Monsanto Chemical Company, NUMEC	ERID-502194	NA, Various
M155	AK Documentation for Characterization BDR LA08-OSR-CH-009, drums: LA00000058684, LA00000059901, LA00000060090, LA00000060207	NRC, Monsanto Research Corp, Amersham	ERID-502425	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M156	AK Documentation for Characterization BDR LA08-OSR-CH-012 drum: LA00000060302	Amersham Corp., NRC, CPN International, Troxler, MRC	ERID-502446	NA, Various
M157	AK Documentation for Characterization BDR LA08-OSR-CH-014 drums: LA00000060216, LA00000060364, LA00000060341, LA00000060358, LA00000060327, LA00000060344, LA00000060380, LA00000060343, LA00000060368	US NRC, Monsanto Research Corp., Union Carbide Corp.	TWCP-12390	NA, Various
M158	AK documentation for Characterization BDR LA08-OSR-CH-015 drums: LA00000060346, LA00000060348, LA00000060351, LA00000060352, LA00000060354, LA00000061403, LA00000061404, LA00000061405	Troxler electronic Labs, Martin Marietta Energy Systems Energy Systems, Monsanto Research Corp.	P2010-2422	NA, Various
M159	AK documentation for Characterization BDR LA08-OSR-CH-016 drums: LA00000060374, LA00000060375, LA00000060388, LA00000060394, LA00000061687	Amersham International, Monsanto Research Corp., Mississippi State Dept of Health, US NRC, NMMSS, Well Reconnaissance Inc, Georgia Dept of Natural Resources	P2010-2436	NA, Various
M160	AK documentation for Characterization BDR LA08-OSR-CH-017 drums: LA00000058638, LA00000060223, LA00000060389, LA00000060391, LA00000062388, LA00000064038	Amersham International, NRC, Mound Laboratory-MRC	P2010-2432	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M161	AK documentation for Characterization BDR LA08-OSR-CH-018 drums: LA00000058794, 60224, 60230, 60360, 61409, 61505, 62309	Gulf Nuclear Inc., NUMEC, US NRC, , Eastern Well Surveys Inc., Amersham, MRC	P2010-2470	NA, Various
M162	AK documentation for Characterization BDR LA08-OSR-CH-019 drums: LA00000059900, LA00000061635, LA00000061662 ,LA00000062767, LA00000064069, LA00000064074, LA00000064075, LA00000064076	US NRC, NMMSS	P2010-2482	NA, Various
M163	AK Documentation for Characterization BDR LA09-OSR-CH-001 DRUMS: LA00000059961, LA00000061594, LA00000061695, LA00000064047, LA00000064049, LA00000064066	SIEMANS GAMMASONICS, NRC, NASA LEWIS RECORDS CENTER, GENERAL NUCLEAR INC, GULF NUCLEAR INC, GAMMATRON INC, TROXLER ELECTRONICS	P2010-2485	NA, Various
M164	AK Documentation for Characterization BDR LA09-OSR-CH-002 drums: LA00000064060, LA00000064061, LA00000064062, LA00000064063, LA00000064065	Amersham International, US NRC, QSA Global	P2010-2497	NA, Various
M165	AK Documentation for Characterization BDR LA09-OSR-CH-003 drum: LA00000064046	NRC, Monsanto Research Corp	P2010-2518	NA, Various
M166	AK Documentation for Characterization BDR LA09-OSR-CH-004 drums: LA00000064040	NRC	CA0471D103B; P2010-2519	NA, 04/29/1998
M167	AK Documentation for Characterization BDR LAO9-OSR-CH-006 drums: LA00000061674, 61679, 61680, 61681, 61682, 61683, 61684, 61685, 61686, 61689, 61690, 61692, 62766, 64048, and 64073.	NMMSS, Monsanto Engineering, and National Nuclear Corporation	NA	NA, Various
M168	AK documentation for Characterization BDR LA09-OSR-CH-007 drums: LA00000061493, 61664, 61666, 61667, 61669, 61670, 61671, 61675, 61676,61677, 61678, 61691, 64039, 64071	MONSANTO and NMMSS	TWCP-06629	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M169	AK Documentation for Characterization BDR LAO9-OSR-CH-005 drums: LA00000061641, 61642, 62300, 62312, 62717, 64036, and 64070.	Amersham, US NRC, Troxler	ERID-504412	NA, Various
M170	AK Documentation for Characterization BDR LAO9-OSR-CH-015 drums: LA00000062746, 62747, 62748, 62750, 62751, 64050, 64507, 64508, 64515, 64521, 64522, 64524.	NMMSS, Battelle, MRC, NUMEC	ERID-05463	NA, Various
M171	AK Documentation for Characterization BDR LA09-OSR-CH-009 drums: LA00000060381, 64517, 64518, and 64520.	NRD, et al	ERID-506286	N/A, Various
M172	OUO - REDUCING NUCLEAR AND RADIOLOGICAL THREATS WORLDWIDE OFFICE OF GLOBAL THREAT REDUCTION Internal ControL Procedures to Verify and Certify Performance Results REV2. November 2008	National Nuclear Security Administration (NNSA)	ERID-205626	Rev.2, 11/01/2008
M173	OSRP Documentation and Calculations for Current and Projected Recoveries	NA	P2010-1347	NA, NA
M174	AK Documentation for Characterization BDR LA09-OSR-CH-017 drums: LA00000062776, LA00000064523, LA00000064526, LA00000064528, LA00000064529, LA00000064530.	Monsanto Research Corp., NMMSS, US NRC, Amersham	ERID-506761	NA, Various
M175	AK Documentation for Characterization BDR LA10-OSR-CH-003 drums: LA00000058730, 58749, 58762, 59944, 59945, 59966, 59967, 59969, 59977, 59978, 59979, 59980, 59992, 59998, 60001, 60057, 60257, 60306, 60307, 60313.	NEEI, MRC, NSSI, US NRC	NA	NA, Various
M176	AK Documentation for Characterization BDR LA10-OSR-CH-005 drums: LA00000059985, 59988, 59994, 59991, 59999, 60003, 60009, 60017, 60018, 60020, 60021, 60027, 60028, 60029, 60031, 60032, 60035, 60037, 60046, and 60050.	NEEI, MRC, NSSI, US NRC	NA	NA, Various
M177	AK Documentation for Characterization BDR LA10-OSR-CH-006 drums: LA00000058728, 58729, 58731, 58732, 58733, 58734, 58735, 58736, 58737, 58738, 58739, 58740, 58741	Amersham, NRC, Gulf Nuclear, NSSI, Monsanto, Gammatron	NA	NA, Various
M178	AK Documentation for Characterization BDR LA10-OSR-CH-004 drums: LA00000064041, LA00000064042, LA00000064043, LA00000064044, LA00000064549	IAEC, NMSS, Amersham QSA	NA	NA, Various
M179	AK Documentation for Characterization BDR LA10-OSR-CH-008 drums: LA00000059952, 59953, 59955, 59957, 59958, 59984, 59986, 59987, 59989, 59990, 59991, 59993, 59996, 60013, 60015, 60033, 60034, 60036, 60038, 60043	Monsanto Research Corp., NSSI	NA	NA, Various
M180	AK Documentation for Characterization BDR LA10-OSR-CH-009 drums: LA00000059933, 59935, 59937, 59939, 59946, 59947, 59951, 59964, 59965, 59970, 59974, 59975, 59976, 60041, 60055, 60058, 60060, 60068, 60069, 60071	Monsanto Research Corp., NSSI	NA	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M181	Classification of Small Arms Ammunition With Respect to Reactivity	John H. Skinner	PPC 9443.1984(10)	NA, 11/30/1984
M183	AK Documentation for Characterization BDR LA10-OSR-CH-007 drums: LA00000058742,58743,58744,58745,58746,58747,58769,58770,58776,58787,58788,58789,58790,58791	Amersham, Texas Dept of Health, Gulf Nuclear Inc., Gammatron Inc., NSSI, Gamma Industries	NA	NA, Various
M184	AK Documentation for Characterization BDR LA10-OSR-CH-010 drums: LA00000059962,59963,59968,59981,60004,60006,60008,60010,60016,60019,60022,60023,60024,60025,60026,60030,60039,60053,60309,60310	NSSI, Monsanto Research Corp.	NA	NA, Various
M185	AK documentation for Characterization BDR LA10-OSR-CH-011 drums: LA00000060040, 60042, 60044, 60045, 60047, 60049, 60052, 60054, 60059, 60062, 60063, 60064, 60066, 60067, 60070, 60074, 60075, 60200, 60308, 60311	Monsanto Research Corp., NSSI	NA	NA, Various
M186	AK Documentation for Characterization BDR LA10-OSR-CH-012 drums: LA00000060077, 60237, 60238, 60241, 60242, 60246, 60248, 60250, 60253, 60254, 60255, 60274, 60275, 60312, 60325, 60328, 60330, 60333, 60339, 60340	NSSI, Monsanto Research Corp.	NA	NA, Various
M187	AK Documentation for Characterization BDR LA10-OSR-CH-013 drums: LA00000059923, 59943, 60073, 60244, 60247, 60258, 60260, 60273, 60283, 60285, 60286, 60289, 60292, 60298, 60299, 60319, 60323, 60335, 60336, 60337	Monsanto Research Corp., NSSI	NA	NA, Various
M188	AK Documentation for Characterization BDR LA10-OSR-CH-014 drums: LA00000058706, 58748, 58750,58764,58765,58771,58772,58773,58774,58775,58777,58780,58781,58782,58783,58784,58785,58786,60355, 61518	MRC, AEA, Gamma Ind, Gammatron, TX Health, GNI	NA	NA, Various
M189	Manufacturing Order for Sources A2675-A2699; A3001-A3115 - for Schlumberger	MRC	TWCP-06750	NA, 04/3/1981
M190	Manufacturing Orders from Monsanto for Sources A3001-A3014; A3015-A3026; A3027-A3041; A3042 - A3069; A3070-A3089; and A3090-A3117	MRC	TWCP-07045, 07063	NA, Various
M191	AK Documentation for Characterization BDR LA10-OSR-CH-017 drums LA00000060098,60314,60316,60320,60321,60322,60324,60326,60329,60331,60332,60334,60338,60345,60347,60356,61519,61524,61527, & 61624.	Monsanto, Gulf Nuclear, Texas Dept Health	NA	NA, Various
M192	AK Documentation for Characterization BDR LA10-OSR-CH-016 drums: LA00000064051, 64052, 64577, 64578, 64583.	Mound-MRC, Martin Marietta Energy Systems Inc.	NA	NA, Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M193	AK Documentation for Characterization BDR LA10-OSR-CH-018: LA00000059954, 60218, 60233, 60243, 60245, 60249, 60251, 60256, 60262, 60263, 60264, 60268, 60269, 60282, 60284, 60287, 60291, 60296, 60317, 60318	MRC, Numec Apollo, NRC, Gammatron	NA	NA, Various
M194	AK Documentation for Characterization BDR LA10-OSR-CH-019 drums: LA00000059931, 59938, 59940, 59941, 59942, 59956, 59959, 60007, 60076, 60201, 60259, 60261, 60265, 60267, 60270, 60271, 60272, 60288, 60305, 60366	Monsanto Research Corp., NSSI, Gammatron Inc.	NA	NA, Various
M195	AK Documentation for Characterization BDR LA10-OSR-CH-021 drums: LA00000058751, 58779, 59982, 59983, 59995, 60000, 60002, 60005, 60011, 60012, 60014, 60061, 60065, 60072, 60221, 60239, 61539	Monsanto Research Corp, NSSI, US NRC, NUMEC, JL Shepherd & Associates	NA	NA, Various
M196	AK Documentation for Characterization BDR LA10-OSR-CH-002 drum LA00000064550.	Amersham International, Isotope Products Labs.	NA	NA, Various
M197	BDR LA10-OSR-CH-001 DRUMS LA00000064020, 64033, 64034 and 64536.	Numerous (LANL, Troxler, Amersham, Industrial Dynamics, NMMSS, and Monsanto)	NA	NA, Various
M198	AK Documentation for Characterization BDR LA10-OSR-CH-022 drums: LA00000058686, 59902, 59903, 59910, 60217, 60219, 60220, 60232, 60349, 60357, 60359, 61410, 61604	TX Dept of Health, MRC, Washington St Univ., Gulf Nuclear, QSA, NUMEC, NRC	NA	NA, Various
M199	AK Documentation for Characterization BDR LA11-OSR-CH-001 drums: LA00000064018, 64019, 64511, 64534, 64580, 64581, 64597	NUMEC, Mound	NA	NA, Various
M200	AK Documentation for Characterization BDR LA11-OSR-CH-002 drums: LA00000058797, LA00000061411, LA00000062709, LA00000064553, LA00000064592	Monsanto Research Corp., US NRC, Gulf Nuclear Inc.	NA	NA, Various

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M201	AK Documentation for Characterization of the LA11-OSR-CH-003 drums: LA00000062710, 64554, 64582, 65404, and 65409	Monsanto Research Corp., et al	N/A	N/A, Various
M202	AK Documentation for Characterization BDR LA11-OSR-CH-005 drums: LA00000065405, 65406, 65407, 65408, 65410, 65411.	US NRC, Amersham, CPN, MRC	NA	NA, Various
M205	PACKAGING AND TRANSPORTATION OF ADDITIONAL NEPTUNIUM OXIDE	Robert W. Watkins, Stephen J. Hensel, and Jeffrey M. Jordan	SRNL-STI-2010-00150	NA, NA
M209	Letter from J. B. Knauer to R. L. Cline regarding REDC Shipment No. 1966: 12.2 mCi (150 micrograms) of Cm-244	J. B. Knauer	NA	NA, 06/11/2002
M210	Catalog and Price List Alpha, Heat, and Neutron Sources from Plutonium-239 & Threshold Detectors from Plutonium-239, Neptunium-237, Uranium-238	MOUND LABORATORY	NA	NA, Various
M216	Information sheet Cf-252 neutron source special form radioactive materials	NA	NA	NA, 1994-2008
M217	Frontier Technology Corporation Californium-252 Neutron Sources	NA	NA	NA, NA
M218	Registry of radioactive sealed sources and devices - safety evaluation of sealed source - Cf-252 sources	NA	NA	NA, NA
M222	Neutron Sources	NA	NA	NA, NA
M224	AK Documentation for Characterization BDR LA11-OSR-CH-004 drums: LA00000058754, 58757, 58763, 58767, 58768, 60208, 60210, 60211, 60212	Gulf Nuclear, NSSI, NRC, Amersham, Gammatron Inc	NA	NA, Various
M226	SOURCES OF ALPHA-, BETA-, GAMMA- AND NEUTRON RADIATION CATALOG	V.I.Guskov, V.D.Dementyev, V.M. Kaloshin, A.V. Lyakhov, A.S. Malykh, A.F. Popov, R.A.Pilipenko, L.S.Sevchenko, and G.M. Titova	NA	THIRD EDITION, 01/01/1980
M227	Californium Transactions	M. L. Toole	04887	NA, 07/16/1986

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M228	ORNL Distribution of Californium-252 (From Transuranium Processing Plant)	J. N. Maddox	NA	NA, 03/04/1970
M229	AEC/DOE Isotope Sales 1964-1987	P.S. Baker, et. al.	NA	NA, Various
M234	AK Documentation for Characterization BDR LA11-OSR-CH-008, drums: LA00000064081, LA00000064545, LA00000064546, LA00000064547, LA00000064556, LA00000064559, LA00000064560, LA00000064561, LA00000064562, LA00000064585, LA00000065413, LA00000065460	MRC, NSSI, Amersham, Gammatron, NUMEC, NRC, I. Witkowski, C. Gallagher	NA	NA, 9/25/1965
M235	AK Documentation for Characterization BDR LA11-OSR-CH-009 drums: LA0000005443, LA00000065417	Amersham, AEA Technology	NA	NA, Various
M236	AK Documentation for Characterization BDR LA11-OSR-CH-006, drums: LA00000064540 and LA00000064595	Author: NA	Document Number and Revision: NA	NA, Various
M238	AK Documentation for Characterization for BDR LA12-OSR-VE-002 Drum: LA00000064551	Amersham (Troxler), Ben Gutierrez	N/A	N/A, Numerous
M239	AK Documentation for Characterization for BDR LA12-OSR-CH-001 Drums:LA00000060096, LA00000060097, LA00000060099, LA00000060213, LA00000060215, LA00000060225, LA00000060377, LA00000061522, LA00000061526	NRC, Monsanto Research Corporation, Numec	M239	NA, 2/8/88
M240	AK Documentation for Characterization for BDR LA12-OSR-CH-005 Drums: LA00000058514, LA00000058538, LA00000058588, LA00000058611, LA00000058616	Gulf General Atomic, NRC	M240	0, 08/1972
M241	AK Documentation for Characterization for BDR LA11-OSR-CH-011 Drums: LA00000065466, LA00000065467, LA00000065468.	Industrial Dynamics, Amersham, Gammatron, NRC	M241	0, 2/11/97
M242	AK Documentation for Characterization BDR LA12-OSR-CH-004 drums: LA00000059911, LA00000059912,LA00000059913, LA00000059914, LA00000059915, LA00000060342, LA00000060204	NUMEC, NRC, Monsanto	M242	0, Various
M243	AK Documentation for Characterization BDR LA12-OSR-CH-003 drums: LA00000058778, LA00000060276, LA00000061517, LA00000061521, LA00000061523, LA00000061529, LA00000061533, LA00000061536	Gulf Nuclear Inc, MRC, Gammatron, Amersham	M243	NA, Various

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M244	AK Documentation for Characterization BDR LA12-OSR-CH-007 drums: LA00000058755, LA00000058759, LA00000058760, LA00000058761, LA00000058766, LA00000058795	Amersham, MRC, General Nuclear, Gulf Nuclear, NRC, NSSI	NA	NA, Various
M245	AK Documentation for Characterization BDR LA12-OSR-CH-006 drums: LA00000058515, LA00000058543, LA00000060094	ORNL, NSSI, MRC, NRC, J McAlpin	NA	NA, Various
M246	AK Documentation for Characterization BDR LA12-OSR-CH-008 drums: LA00000060373, LA00000061520, LA00000061534, LA00000062378	Gulf Nuclear, Amersham, NRC	NA	NA, Various
M247	AK Doc. For BDR LA12-OSR-CH-022: LA00000058640, LA00000058756, LA00000059908, LA00000060240, LA00000060370, LA00000060376, LA00000060392, LA00000060399, LA00000061541, LA00000061652, LA00000062732	Amersham, NRC, NUMEC, Gammatron, NSSI, Gulf Nuclear, MRC	M247	NA, Various
M248	AK Documentation for Characterization BDR LA12-OSR-CH-015 drums: LA00000060398.	Amersham	M248	NA, Various
M249	AK Documentation for Characterization BDR LA12-OSR-CH-011 drums: LA00000058635, LA00000058792, LA00000060206, LA00000060378, LA00000062308	NA	M249	NA, Various
M250	AK Documentation for Characterization BDR LA-12-OSR-CH-020 drums: LA00000060214, LA00000062385	NA	Document Number and Revision: NA	Date: Various
M251	AK Documentation for Characterization BDR LA12-OSR-CH-16 drums: LA00000060390, LA00000061592	NA	Document Number and Revision: NA	Date: Various
M252	AK Documentation for Characterization BDR LA12-OSR-CH-014 drums: LA00000059934, LA00000059949, LA00000060205	NRC, Monsanto Research	M252	NA, 8/16/12
M254	AK Documentation for Characterization BDR LA12-OSR-CH-027 drums: LA00000058641.	Amersham, NRC, Monsanto	M254	NA, Various
M255	AK Documentation for Characterization BDR LA12-OSR-CH-025 drums: LA00000058644.	Amersham, Monsanto	M255	NA, Various
M256	AK Documentation for Characterization BDR LA12-OSR-CH-024 drums: LA00000058637, LA00000061632	Gammatron, NRC, Amersham, CPN, OSRP	M256	NA, Various
M258	AK Documentation for Characterization BDR LA12-OSR-CH-012 drums: LA00000064557, LA00000064599, LA00000065415, LA00000065442, LA00000065473	US NRC, Canberra, LANL, Monsanto	M258	NA, Various

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Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M259	AK Documentation for Characterization BDR LA12-OSR-CH-017 drums: LA00000058793, LA00000058796, LA00000060222, LA00000061558, LA00000061595.	Amersham, NSSI, NRC, MRC	M259	NA, Various
M260	AK Documentation for Characterization BDR LA12-OSR-CH-009 drums: LA00000058799, LA00000060315, LA00000061491, LA00000061528, LA00000062375	Author: Various	Document Number and Revision: NA	Date: Various
M261	AK Documentation for Characterization BDR LA12-OSR-CH-013 drums: LA00000058693, LA00000058758, LA00000059936, LA00000059948, LA00000059971, LA00000059972, LA00000059973, LA00000060202, LA00000060203	Author: Various	Document Number and Revision: NA	Date: Various
M262	AK Documentation for Characterization BDR LA12-OSR-CH-019 drums: LA00000059950, LA00000059960, LA00000060252, LA00000060266, LA00000060293, LA00000060295, LA00000060371, LA00000060372	Author: Various	Document Number and Revision: NA	Date(s): Various
M263	AK Documentation for Characterization BDR LA12-OSR-CH-023 drums: LA00000058650, LA00000060395	Author: Various	Document Number and Revision: NA	Date(s): Various
M264	AK Documentation for Characterization BDR LA12-OSR-CH-028 drums: LA00000058649, LA00000064539	Author: Various	Document Number and Revision: NA	Date(s): Various
M265	AK Documentation for Characterization BDR LA12-OSR-CH-021 drums: LA00000058753, LA00000060231, LA00000060382, LA00000060387, LA00000061406, LA00000061507	Amersham, NSSI, Gulf Nuclear, MRC, LANL, NRC	M265	NA, Various
M266	AK Documentation for Characterization BDR LA12-OSR-CH-026 drums: LA00000058639, LA00000058643, LA00000060297, LA00000061609, LA00000061610, LA00000061611, LA00000061612.	Author: Various	Document Number and Revision: NA	Date(s): Various
M267	AK Documentation for Characterization BDR LA12-OSR-CH-031 drum: LA00000058692	Author: Various	Document Number and Revision: NA	Date: Various
M268	AK Documentation for Characterization BDR LA12-OSR-CH-010 drums: LA00000060290, LA00000060365, LA00000060379, LA00000061535, LA00000064016.	Author: Various	Document Number and Revision: NA	Date(s): Various
M269	AK Documentation for Characterization BDR LA12-OSR-CH-038 drum: LA00000058690	Author: Various	Document Number and Revision: NA	Date: Various
M270	AK Documentation for Characterization BDR LA12-OSR-CH-029 drums: LA00000058636, LA00000062711, LA00000064045	Author: Various	Document Number and Revision: NA	Date: Various
M271	AK Documentation for Characterization BDR LA12-OSR-CH-035 drum: LA00000061565	Author: Various	Document Number and Revision: NA	Date(s): Various
M272	AK Documentation for Characterization BDR LA12-OSR-CH-034 drums: LA00000060383; LA00000061605	Author: Various	Document Number and Revision: NA	Date(s): Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M273	AK Documentation for Characterization BDR LA12-OSR-CH-033 drums: LA00000058685, LA00000061633, LA00000061634.	Author: various, Document Number and Revision: NA, Date(s): various	NA	NA
M274	AK Documentation for Characterization BDR LA12-OSR-CH-030 drums: LA00000060367; LA00000064510	Author: Various	Document Number and Revision: NA	Date: Various
M275	AK Documentation for Characterization BDR LA12-OSR-CH-037 drums: LA00000061530; LA00000062765; LA00000064015; LA00000064542; LA00000064544	Author: Various	Document Number and Revision: NA	Date: Various
M276	AK Documentation for Characterization BDR LA12-OSR-CH-049 drums: LA00000061469; LA00000061470; LA00000065475; LA00000065478	Author: Various	Document Number and Revision: NA	Date: Various
M277	AK Documentation for Characterization BDR LA12-OSR-CH-044 drums: LA00000061455, LA00000061463, LA00000061466, LA00000061467, LA00000065412, LA00000065444, LA00000066752	Author: Various	Document Number and Revision: NA	Date: Various
M278	AK Documentation for Characterization BDR LA12-OSR-CH-043 drums: LA00000061407, LA00000061408, LA00000061444, LA00000061508, LA00000062386	Author: Various	Document Number and Revision: NA	Date: Various
M279	AK Documentation for Characterization BDR LA12-OSR-CH-047 drum: LA00000061464	Author: Various	Document Number and Revision: NA	Date: Various
M280	AK Documentation for Characterization BDR LA12-OSR-CH-046 drum: LA00000061473	Amersham International, AEA Technology, IPL, NRC	M280	0, Various
M281	AK Documentation for Characterization BDR LA12-OSR-CH-048 drums: LA00000065461 and LA00000065462	Various Authors	Document Number and Revision: N/A	Various Dates
M282	AK Documentation for Characterization BDR LA12-OSR-CH-045 drums: LA00000058691; LA00000060277; LA00000061443; LA00000062744; LA00000064509	Author: NA	Document Number NA	Revision NA, Date: Various
M283	AK Documentation for Characterization BDR LA12-OSR-CH-051 drum: LA00000061474, LA00000061475, LA00000064598	Amersham, NRC, Campbell Pacific Nuclear, MRC	M283	NA, Various
M284	AK Documentation for Characterization BDR LA12-OSR-CH-040 drum: LA00000058688	Author: Various	Document Number: NA	Revision: NA, Date: Various
M285	AK Documentation for Characterization BDR LA12-OSR-CH-036 drums: LA00000060303 & LA00000065469	Various	Document # & Revision: N/A	Date: Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M286	AK documentation for Characterization BDR LA12-OSR-CH-041 drum: LA000000061506.	Amersham, Monsanto, NRC Registry, LANL	Document Number and Revision: N/A	Various Dates
M287	AK Documentation for Characterization BDR LA12-OSR-CH-050 drums: LA00000058689, LA00000060393, LA00000061601, LA00000061655.	Various Authors	Document # and Revision: N/A	Various Dates
M288	AK Documentation for Characterization BDR LA12-OSR-CH-055 drum: LA00000061447	Author: NA	Document Number and Revision: NA	Date: Various
M289	AK Documentation for Characterization BDR LA12-OSR-CH-053 drums: LA00000061485, LA00000064543, LA00000064555, LA00000066706, LA00000066727, LA00000066728.	N/A	Document Number and Revision: NA	Various Dates
M290	AK Documentation for Characterization BDR LA12-OSR-CH-032 drums: LA00000058752, LA00000061572, LA00000061593, LA00000061597, LA00000061636.	Various Authors	Document Number and Revision: NA	Various Dates
M291	AK Documentation for Characterization BDR LA12-OSR-CH-054 drums: LA00000061486, LA00000064513, LA00000064514, LA00000066729	Author: Various	Document Number and Revision: NA	Date: Various
M292	AK Documentation for Characterization BDR LA13-OSR-CH-002 Drums: LA00000062769, LA00000064501, LA00000064502, LA00000064503	Author(s): Various	Document Number and Revision: NA	Date(s): Various
M293	AK Documentation for Characterization BDR LA13-OSR-CH-001 Drum: LA00000064541	Author(s): Various	Document Number and Revision: NA	Date(s): Various
M294	AK Documentation for Characterization BDR LA12-OSR-CH-042 Drum: LA00000061698	Various Authors	Document Number and Revision: NA	Date: Various
M295	AK Documentation for Characterization BDR LA13-OSR-CH-003 Drums: LA00000066730, LA00000066731, LA00000066733, LA00000066734	Author(s): Various	Document Number and Revision: NA	Date: Various
M296	AK Documentation for Characterization BDR LA13-OSR-CH-004 Drums: LA00000066704, LA00000066705, LA00000066720, LA00000066721, LA00000066726, LA00000066732	Various	Document Number and Revision: NA	Date: Various
M297	AK Documentation for Characterization BDR LA13-OSR-CH-008 Drums: LA00000065481, LA00000065483, LA00000065484, LA00000065485	Various	Document Number and Revision:	NA, Various
M298	AK Documentation for Characterization BDR LA13-OSR-CH-010 Drum: LA00000065482	Various	Document Number and Revision:	NA, Various Dates
M299	AK Documentation for Characterization BDR LA13-OSR-CH-005 Drums: LA00000061468, LA00000061471, LA00000065471, LA00000065479, LA00000066722	Various Authors	Document Number and Revision:	NA, Various Dates
M300	AK Documentation for Characterization BDR LA13-OSR-CH-009 Drums: LA00000067501 and LA00000067502	Various Authors	Document Number and Revision:	NA, Various Dates
M301	AK Documentation for Characterization BDR LA13-OSR-CH-011 Drums: LA00000067503 and LA00000067504	Various Authors	Document Number and Revision:	NA, Various Dates

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M302	AK Documentation for Characterization BDR LA13-OSR-CH-006 Drums: LA00000061479, LA00000066707 - LA00000066716	Various Authors	Document Number and Revision:	NA, Various Dates
M303	AK Documentation for Characterization BDR LA13-OSR-CH-012 Drums: LA00000064082, LA00000064584, LA00000065487, LA00000065488.	Various Authors	Document Number and Revision:	NA, Various Dates
M304	AK Documentation for Characterization BDR LA13-OSR-CH-013 Drums: LA00000065486.	Various Authors	Document Number and Revision:	NA, Various Dates
M305	AK Documentation for VE BDR LA13-OSR-VE-016 and Characterization BDR LA13-OSR-CH-016 Drums: LA00000065490 and LA00000066724	Author(s): Various	Document Number: NA	Revision: NA, Date(s): Various
M306	AK Documentation for VE BDR LS13-OSR-VE-018 and Characterization BDR LA13-OSR-CH-18 Drums: LA00000066719 and LA00000067500	Author: Various	Document Number: N/A	Revision: N/A, Date: Various
M307	AK Documentation for VE BDR LA13-OSR-VE-019 and Characterization BDR LA13-OSR-CH-019 Drums: LA00000061472, LA00000065492 and LA00000065493	Author: Various	Document Number: NA	Revision: NA, Date: Various
M308	AK Documentation for VE BDR LA13-OSR-VE-020 and Characterization BDR LA13-OSR-CH-020 Drum: LA00000062756	Author: Various	Document Number: NA	Revision: NA, Date: Various
M310	Cm-244 Characterization Documents including Calculation Nos.: VA-OSR-05, VA-OSR-06, VA-OSR-07, VA-OSR-08, and VA-OSR-09	Author(s): Various	Document Number: LA-UR-13-26929	Revision: NA, Date(s): Various
M311	AK Documentation for VE BDR LA13-OSR-VE-022 and Characterization BDR LA13-OSR-CH-022 Drums: LA00000067512; LA00000067513; LA00000067514	Author: Various	Document Number: NA	Revision: NA, Date: Various
M313	AK Documentation for VE BDR LA13-OSR-VE-021 Drums: LA00000065491 and LA00000067511	Author: Various	Document Number: NA	Revision: NA, Date: Various
M314	AK Documentation for VE BDR LA13-OSR-VE-023 and Characterization BDR LA13-OSR-CH-023 Drums: LA00000067515; LA00000067517; LA00000067518; LA00000067519	Author: Various	Document Number: NA	Revision: NA, Date: Various
M315	AK Documentation for VE BDR LA14-OSR-VE-001 and Characterization BDR LA14-OSR-CH-001 Drum LA00000061574.	Author: Various	Document Number: NA	Revision: NA, Date: Various
M316	AK Documentation for VE BDR LA14-OSR-VE-002 and Characterization BDR LA14-OSR-CH-002 Drums LA00000067523; LA00000067524.	Author: Various	Document Number: NA	Revision: NA, Date: Various
M317	AK Documentation for VE BDR LA14-OSR-VE-003 and Characterization BDR LA14-OSR-CH-003 Drum LA00000065463	Author: Various	Document #: N/A	Revision: N/A, Date: Various
M318	AK Documentation for VE BDR LA14-OSR-VE-004 and Characterization BDR LA14-OSR-CH-004 Drums LA00000067506, LA00000067507,LA00000067508, LA00000067509,LA00000067510	Author: Various	Document #: N/A	Revision: N/A, Date: Various

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M319	AK Documentation for VE BDR LA14-OSR-VE-005 and Characterization BDR LA14-OSR-CH-005 Drums LA00000067538, 67539, 67540	Author: Various	Document Number: NA	Revision: NA, Date: Various
M320	AK Documentation for VE BDR LA14-OSR-VE-006 and Characterization BDR LA14-OSR-CH-006 Drums LA00000067528, LA00000067529, LA00000067530	Author: Various	Document #: N/A	Revision; N/A, Date: Various
M321	AK Documentation for VE BDR LA14-OSR-VE-007 and Characterization BDR LA14-OSR-CH-007 Drums LA00000062758, LA00000067525, LA00000067526, LA00000067546	Author: Various	Document Number: NA	Revision: NA, Date: Various
M322	AK Documentation for VE BDR LA14-OSR-VE-008 and Characterization BDR LA14-OSR-CH-008 Drums LA00000067541, LA00000067543	Author: Various	Document Number: NA	Revision: NA, Date(s): Various
M323	AK Documentation for VE BDR LA14-OSR-VE-009 and Characterization BDR LA14-OSR-CH-009; Drums LA00000067542 and LA00000067548	Author: Various	Document #: NA	Revision: NA, Date: Various
M324	AK Documentation for VE BDR LA14-OSR-VE-010 and Characterization BDR LA14-OSR-CH-010; Drum LA00000067554	Author: Various	Document Number: NA	Revision: NA, Date: Various
M325	AK Documentation for VE BDR LA14-OSR-VE-011 and Characterization BDR LA14-OSR-CH-011 Drum LA00000067545	Author: Various	Document #: NA	Revision: NA, Date: Various
M326	AK Documentation for VE BDR LA14-OSR-VE-012 and Characterization BDR LA14-OSR-CH-012, Drums LA00000067555, LA00000067570, LA00000067576	Author: Various	Document Number: NA	Revision: NA, Date: Various
M327	AK Documentation for VE BDR LA14-OSR-VE-014 and Characterization BDR LA14-OSR-CH-014, Drums LA00000062757, LA00000065480, LA00000067558	Author: Various	Document Number: NA	Revision: NA, Date: Various
M328	AK Documentation for VE BDR LA14-OSR-VE-015 and Characterization BDR LA14-OSR-CH-015, Drums LA00000067568, LA00000067569	Author: Various	Document Number: NA	Revision: NA, Date: Various
M329	AK Documentation for VE BDR LA15-OSR-VE-001 and Characterization BDR LA15-OSR-CH-001, Drums LA00000067577, LA00000067582	Author: Various	Document #: NA	Revision: NA, Date: Various
M330	AK Documentation for VE BDR LA15-OSR-VE-003 and Characterization BDR LA15-OSR-CH-003, Drum LA00000067527	Author: Various	Document Number: NA	Revision: NA, Date: Various
M332	AK Documentation for VE BDR LA15-OSR-VE-005 and Characterization BDR LA15-OSR-CH-005, Drums LA00000067583, LA00000067584, and LA00000067585	Author: Various	Document Number: NA	Revision: NA, Date: Various
M333	AK Documentation for VE BDR LA15-OSR-VE-004 and Characterization BDR LA15-OSR-CH-004, Drums LA00000067594, LA00000067595, and LA00000067596	Author: Various	Document Number: NA	Revision: NA, Date: Various
P001	CCP-TP-069 CCP Sealed Source Visual Examination and Packaging	Central Characterization Program (CCP)	CCP-TP-69	Rev.5, 11/09/2010
P002	CCP-TP-101, CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization	CCP	CCP-TP-101	Rev.4, 11/02/2007

Attachment 4 - Acceptable Knowledge Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P003	Off-Site Source Recovery Transuranic Waste Interface Document (TWID)	S. Kosiewicz	OSR-MISC-002 / P2010-0953	0, 02/08/2001
P004	Recovery, Transport, and Storage of Off-Site Source Recovery Project Material	Jim Matzke	OSR-OP-100 (TWCP-24436) (P2010-0951)	9, 02/12/2010
P005	OSR Project - VOC Evolutions from Packaging Materials	J. McAlpin	OSR-TP-002	1, 06/02/2004

[a] From Acceptable Knowledge Souce Document Summaries (Attachments 3)

[b] Or publisher's document number if available

[c] In the case where a AK Summary Report has been revised based on information in Attachment 11- Acceptable Knowledge Source Document Discrepancy Resolution form, identify the tracking number.

Acceptable Knowledge Expert: Sherry Auckland, _____ Date: 8/5/2015
Print/Sign

DIVIDER

PAGE

Attachment 4 - Acceptable Knowledge Source Document Information List

Site(s): Los Alamos National Laboratory

Waste Stream Number: LA-MSG04.001

Waste Stream Description: Mixed contaminated soil generated at TA-21

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C001	Interview of Tom Keenan: DP Connections Arising Out of the Pu-238 Space Heat Program and J. Foxx summary "Plutonium-238 Heat Souce Fabrication for Space and Artificial Heart R&D Activities at TA-21 West and CMR Building from 1970 to 1978"	Jim Foxx	TWCP-19811/P2010-0778	01/08/04 and 01/20/2004
C002	Record of Communication with Jim Foxx - TA-21 Operations at Buildings 2,3,4,5 and 150 and Pu-238 questions.	Cathy Smith	TWCP-19433/P2010-0695	n/a, 01/08/04
C003	Interview of Jim Foxx: DP, Pu-238 information at TA-21 West	Catherine Smith	NA	01/08/04
C004	Interview: TA-21 DP West Plutonium-238 Operations, 1970-1977, Production-scale Evaporator Not in operation	Catherine Smith	TWCP-19899	02/17/04
C005	Interview: TA-21 DP West Plutonium Processing Operations, 1970-1977, Waste Management Practices	Catherine H. Smith	TWCP-19901/P2010-0774	02/17/04
C006	TA-21 Processing in Reactor Fuel Development, e-mail to C. Smith	Charles Foxx	TWCP-22444/P2010-0899	2-27-2004
C007	Interview of J. Foxx: TA-21 DP West Plutonium Processing Operations, 1970-1977, Lack of Operating Procedures	Catherine Smith	TWCP-19902/P2010-0773	02/17/04
C008	WACCC Audit Finding #1 (April 27 - May 1, 1987)	C. L. Foxx	MST-12-ARO-88-077	April 7, 1988
C009	Interview of J. Foxx: TA-21 DP West Plutonium-238 Operations, 1970-1977, Purity of Pu-238 feed material, commingling of Pu-238 with other material types.	Catherine Smith	TWCP-19900/P2010-0561	02/17/04
C011	Interview of J. Foxx: TA-21 DP West Plutonium-238 Operations, 1970-1977, Production-scale Evaporator Not in Operation	Catherine Smith	TWCP-19899/P2010-0775	02/17/04
C013	[UCNI] Email to G. Miller, Re: AK Record [Response from Jim Foxx regarding bomb reduction and plutonium peroxide]	Jim Foxx	TWCP-19430/P2010-0889	01/21/04
C014	[UCNI] Answers to General Questions About Pyrochemical Salts, Posed by P. Rogers	Jim Foxx	TWCP-02502/P2010-0068	06/08/99
C015	Review Sheet Documenting An Interview With Jim Foxx on CLS-1 Solvents	Rosemarie Glenn	TWCP-03547/P2010-0891	09/23/99

CCP RECORDS ORIGINAL
DATE REC'D 5/26/15

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C016	Answers and Questions About Various P/S Codes	John Musgrave	TWCP-4166/LA-UR-03-7374	10/17/00
C017	Interview of J. Foxx: Sources of Cs-137 and Pa-231 in TA-55 TRU waste	J. Foxx	LA-UR-01-6170, TWCP-05164	04/02/01
C018	Interview of J. Foxx: Sources of Cs-137, Pa-231, and Cm-244 in TA-55 Waste	J-F Martin	LA-UR-01-6170, TWCP-05165	04/11/01
C019	Memo Assay of U-234	Michael Baker	TWCP-09810/P2010-0115	09/12/02
C020	Memo regarding U-234 and Sr-90 Calculations for NDA Reporting	John M. Veilleux	TWCP-12684/LA-UR-03-7054	04/07/03
C021	Material Type Isotopic Compositions and Am-241 Content in Solid Transuranic Waste	Benchmark Environ. Corp. and W. Schueler	AL-7193/LA-UR-01-6170, TWCP-0698	05/02/97 and 3/6/96
C022	Commingling of Defense and Nondefense TRU Waste-Memo to TWCP Records Center	Charles (Jim) L. Foxx	LA-UR-02-6087, TWCP-0887	08/21/97
C023	Interview of Jim Foxx: Answers to questions about various P/S codes	John Musgrave	TWCP-4164/P2010-0109	10/16/00
C024	Recovery of Pu-238 Scrap from Burial Ground [SRS]	K.W. French	720000327	N/A, 6/28/72
C025	Fiberboard Drum Liner use at Los Alamos National Laboratory	Dave French	NA	NA, NA
C026	Memo: David Barnes to John Gallimore re: Decommissioning and De-Con of Building 4 Hot Cells at TA-21 DPW	David Barnes	C336/7-5788	October 20, 1986
C027	Email RE: Secondary Waste Discussions to be Added to AK4 and AK6	E-mail from R. Fitzgerald to MJ Papp, S Schafter, and J. Schoen	NA	NA, 8/2/07
C030	Decontamination and Volume Reduction System (DVRS) Information	JR Fitzgerald	NA	NA, 11/30/07
C031	Change of LA Waste Stream Designation for TRU Oversize Crates at TA-54	Darrik Stafford	NA	NA, 4/6/01
C033	Evaluation of Volume, Period Generation, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MSG04.001	J. Schoen	NA	Rev. NA, 09/30/2009
C034	Secondary Waste Generated by the Remediation/Repackaging Processes at Dome 231 and WCRRF	Randy Fitzgerald	NA	Rev. NA, 08/26/2009

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
C035	Record of Communication - Drum Washing of Drums Retrieved from Below-Grade	James R. Fitzgerald	NA	Rev. NA, 02/25/2009
C036	TA-54 Building 412 vs. DVRS Facility	Davis Christensen	NA	Rev. NA, 06/14/2010
C037	Evaluation of Volume and Period of Generation for Waste Streams LA-MHD04.001 and LA-MSG04.001, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001	James M. Schoen	NA	Rev. NA, 04/04/2012
C038	Evaluation of Additional Containers for Waste Stream LA-MSG04.001	James M. Schoen	NA	Rev. NA, Various
C040	Email RE: AK/NDA Memo for AK-10 Waste Stream LA-MSG04.001	Curt Baumann	NA	Rev. NA, 1/6/2013
C042	Email RE: Beryllium/Beryllium Powder Discovered in TA-21 MDA B W: Be Labeling-MDAB Waste Containers that must be labeled as Be Contaminated through 5-4-2011	Don Allen	NA	Rev. NA, 03/03/2014
C043	Transmittal of Kitty Litters Used in Nitrate Salt Processing	Miles Smith	NA	Rev. NA, 05/14/2014
C044	Transmittal of Neutralizers Used in Nitrate Salt Processing	Dan Cox	NA	Rev. NA, 05/17/2014
C045	Interview regarding the processes used by Energy Solutions to Package Waste at the WCRRF, Buildings 231 and 375	Elizabeth Lickliter	NA	Rev. NA, May 2014
D001	Guidelines for the Interim Storage of AEC-Generated Solid Transuranic Wastes [Excerpt, thru p. 14]	LASL, H-Division	LA-5645/TWCP-19772	June 1974
D002	Characterization of Transuranic Solid Wastes from a Plutonium Processsing Facility	Ray Mulkin	LA-5993-MS, TWCP-18938	n/a, June 1975
D003	Fused Salt Electrorefining of Molten Plutonium and Its Alloys	L.J. Mullens and J. A. Leary	LA-3118/TWCP-19773/P2010-0450	11/06/64
D004	A Review of Operating Experience at the Los Alamos Plutonium Electrorefining Facility, 1963-1977	L.J. Mullins, A.N. Morgan	LA-8943, TWCP-18948	n/a, December 1981
D005	The Atom: Heart Power	Los Alamos Scientific Laboratory	TWCP-19771, P2010-0555	Volume 12, No. 4, pp.21-23, July-August 1975
D006	Demolition of Building 12, An Old Plutonium Filter Facility	E.L. Christensen, R. Garde, A.M. Valentine	LA-5755, TWCP-18949	n/a, Jan 1975

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D007	TA-55 Plutonium Facility Acceptable Knowledge Report - Process Acceptable Knowledge Report for Plutonium-238 Operations at TA-55	John Musgrave, Originator, Document Preparer	TWCP-15417, LA-UR-01-4200, LA-UR-02-1709	Rev. 0, 8-7-01
D008	Historic Building Assessment for the DOE Conveyance and Transfer Project	Ellen D. McGehee, Kari L.M. Garcia	LA-UR-00-1003, TWCP-18951	Volume 1, Report No. 178, 12/23/1999
D009	Acceptable Knowledge Report for Newly generated Waste from Metal/Pyrochemical Operations at TA-55	Wayne A. Punjak, Document Preparer	TWCP-15421, LA-UR-02-6906	10-22-02
D010	TA-21 Operable Unit RFI Work Plan for Environmental Restoration	Los Alamos National Laboratory	LA-UR-91-0962, TWCP-19101	n/a, May 1991
D011	Nuclear Materials Processing At the Los Alamos National Laboratory	Milton Haas, Eldon L. Christensen, William J. Maraman	TWCP-19809, LA-UR-83-323	Rev. NA, NA
D013	Review Comments on Draft of TA-21 DP West Facility AK Operations Report	Jim Foxx	TWCP-22446	3-23-04
D014	Final Safety Analysis Report for TRANSIT RTG Volume 1, Reference Design Document - Intro and Table 1-1 only	TRW Systems Group	TRW(A)-11464-0491, TWCP-19438	n/a, 3/1/1971
D015	Characterization of Direct Oxide Salts (U)	C. L. Foxx (Originator)	TWCP-03730, LA-CP-95-0098	7/1995
D016	Plutonium Research: Historical Role of DP-West in The Atom	Virginia S. Lees, editor	TWCP-19768, Vol 4, Number 12, pp. 1-8	N/A, December, 1967
D017	Backlog Waste Reassessment Baseline Book	Rocky Mountain Remediation Services	TWCP-02501, P2010-0670	January 4, 1995
D018	The Atom, Remaking DP West	Jeffery L. Peterson, editor	TWCP-19769, Vol 16, No 6	n/a, July/Aug 1979
D019	Plutonium-238 Heat Source Fabrication for Space and Artificial Plutonium-238 Heat Fabrication for Space and Artificial Heart R&D Activities at TA-21 West and CMR Building from 1970 to 1978	C. L. Foxx	TWCP-19439	Jan. 20, 2004
D020	The Atom, Nuclear Power for an Artificial Heart	Ken Johnson	TWCP-19770, Volume 7, No 6	n/a, June 1970
D021	Data Sheets for PMC Isotopic Fuel	T.K. Keenan et. al.	TWCP-18421, LA-4976-MS	6/1972

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D022	Institutional Plan FY2002-FY2007	Editor-Charmian Schaller, IM-1	TWCP-18955, LALP-01-151	n/a, 12/2001
D023	TRU Waste-Sampling Program	John L. Warren, Al Zerwekh (Consultant at Los Alamos)	TWCP-19467, LA-10479-MS	August 1985
D024	SWEIS Yearbook - 2001, Sections 2,3	Terry Rudell, Ken Rea	TWCP-14450, LA-UR-02-3143	n/a, 9/1/2002
D025	Fused Salt Processing of Impure Plutonium Dioxide to High-Purity Plutonium Metal	L. J. Mullins, D.C. Christensen, B.R. Babcock	TWCP-22580, LA-9154-MS	January 1982
D026	Los Alamos TRU Waste Certification Plan for Newly Generated TRU waste, Nov 1984	Los Alamos National Laboratory	LA-UR-02-6085/TWCP-00697, WCP-HSE7-CPL-01	2, 11/1984
D027	Direct Reduction of 238-PuO2 and 239-PuO2 to Metal	L.J. Mullins, C.L. Foxx	TWCP-22581, LA-9073	02/1982
D028	LANL Transuranic Waste Characterization Sampling Plan-June 1999	Pam Rogers	TWCP-04138, TWCP-PLAN-0.2.7-001	2, June 1999
D029	Six-Kilogram Scale Electrorefining of Plutonium Metal	L.J.Mullins, A.N. Morgan, S.A. Apgar,III, D.C. Christensen	TWCP-22582, LA-9469-MS	September 1982
D030	Plutonium Scrap Processing at the Los Alamos Scientific Laboratory	A.E. Nixon, B.J. McKerley, and E.L. Christensen	LA-UR-80-835, CONF-800303--12	0, 3/24/80
D031	Lightweight Radioisotope Heater Unit (LWRHU) Production for the Cassini Mission	G.H. Rinehart	LA-13143-MS, TWCP-1030	May 1996
D032	Bi-Monthly Progress Report - Multi-Hundred Watt Radioisotope Thermoelectric Generator Program	C. W. Whitmore	TWCP-22029	n/a, 6/30/1975
D033	Waste Management Site Plan	LASL	LA-UR-74-2604, TWCP-02767	Sept. 1979

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D034	Final Documentation for RadWaste ORACLE Database's List of Acceptable Radioisotopes, Specific Activities, Categories, and Regulatory Limits	Daniel P. Taggart	TWCP-8003	01/31/92
D035	Los Alamos DP West Plutonium Facility Decontamination Project 1978-1981	Raymond Garde, E.J. Cox, Allen M. Valentine	LA-9513-MS, TWCP-14396	Sept. 1982
D036	Process AK Report for Chloride Operations at TA-55, TWCP-15411	John Musgrave	TWCP-AK-2.1-002, LA-UR-02-1710, LA-UR-01-2557	R.2 & R.2/IC1, 05/17/01 (R.2) & 03/31/02 (R.2/IC1)
D037	Process AK Report for Metal Operations Processes at TA-55, TWCP-15412	John Musgrave	TWCP-AK-2.1-003, LA-UR-01-2556, LA-UR-02-1716	R.2 & R.2/IC1, 05/17/01 (R.2) & 03/21/02 (R.2/IC1)
D038	Process AK Report for Miscellaneous Operations at TA-55, TWCP-15413	John Musgrave	TWCP-AK-2.1-004, LA-UR-01-2559, LA-UR-02-1714	R.2 & R.2/IC1/IC2, 05/17/01(R.2), 06/18/01 (IC1), 03/21/02 (IC2)
D039	Process AK Report for Nitrate Operations at TA-55, TWCP-15414	John Musgrave	TWCP-AK-2.1-005, LA-UR-01-2555, LA-UR-02-1715	R. 2 & R.2/IC1, 05/17/01 (R.2) & 03/21/02 (R.2/IC1)
D040	Process AK Report for Pyrochemical Processes at TA-55, TWCP-15415	John Musgrave	TWCP-AK-2.1-006, LA-UR-01-2558, LA-UR-02-1713	R.2 & R.2/IC1, 05/18/01 (R.2) & 03/21/02 (R.2/IC1)
D041	Process AK Report for Special Processing at TA-55, TWCP-15416	John Musgrave	TWCP-AK-2.1-007, LA-UR-01-2560, LA-UR-02-1712	R.2 & R.2/IC1, 05/18/01 (R.2), 03/21/03, (R.2/IC1)
D042	Plutonium Processing at the Los Alamos Scientific Laboratory	Eldon L. Christensen and William J. Maraman	LA-3542, TWCP-18950	April 1969
D043	Waste from Plutonium Conversion and Scrap Recovery Operations	D.C. Christensen, D.F. Bowersox, B.J. McKerley, R.L. Nance	LA-11069-MS/LA-UR-00-4835, TWCP-352	March 1988
D044	Preparation and Development of Medical-Grade Plutonium-238 Fuels, July 1, 1967 - June 30, 1971	L. J. Mullins	LA-4940/TWCP-21983	Oct. 1972

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D045	Preparation and Evaluation of Medical-Grade Plutonium-238 Fuels - July 1, 1971-June 30, 1973	L.J. Mullins	LA-5506-PR/TWCP-21984	May 1974
D046	Plutonium-238 Fuel and Heat Source Development for Nuclear-Powered Artificial Heart Program - July 1-September 30, 1976	C.L. Foxx and L.J. Mullins	LA-6669-PR/TWCP-21985	Feb. 1977
D047	Plutonium-238 Space Electric Power Fuel Development Program - January 1-March 31, 1970	R.D. Baker	TWCP-21981, LA-4476	3/31/1970
D048	Helium Release of Pu-238-Molybdenum Cermet Fuel	Barbara Mueller	TWCP-21980, LA-5820	March 1975
D049	Initial Development and Characterization of Plutonia-Iridium Cermets	M. Tokar	TWCP-21979, LA-5255-MS	Rev. NA, NA
D050	Data Sheets for PPO Radioisotopic Fuel	T.K. Keenan, R.A. Kent, R.N.R. Mulford, M.W. Shupe	TWCP-21978, LA-5160-MS	02/1973
D051	The Relationship of Fabrication Parameters to selected Properties of PuO2 Radioisotopic Fuels	T.K. Keenan, R.A. Kent, R.W. Zocher	TWCP-21982, LA-5622-MS	5/1974
D052	Waste Determination Report for Waste Stream TA-55-43 Lot No. 01	LANL	TWCP-01258	07/14/98
D053	Plutonium Recovery At The Los Alamos Scientific Laboratory	Eldon L. Christensen	TWCP-22584, LA-UR-80-1168	April 1980
D054	Present Status of Plutonium Metal Production and Purification at Los Alamos - 1982	D.C. Christensen, L.J. Mullins	TWCP-22585, LA-9674-MS	June 1983
D055	Radioactive Waste Management Site Plan, 1974	NA	TWCP-22813, LA-UR-75-5016	Rev. NA, 06/1974
D056	Plutonium Scrap Processing at the Los Alamos Scientific Laboratory	Archie E. Nixon, Billy J. McKerley, and Eldon L. Christensen	TWCP-22583, LA-UR-80-835	03/24/1980
D057	Status of Am-241 Recovery and Purification at Los Alamos Scientific Laboratory	H.D. Ramsey, D.G. Clifton, S.W. Hayter, R.A. Penneman, E.L. Christensen	TWCP-22579, LA-UR-80-2414	1980

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D058	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)	NA	TWCP-PLAN-0.2.7-001	7, February 28, 2003
D059	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)	C. Smith	P2010-0608; TWCP 23596; AK-00–23,	Revision 0, 7/8/04
D060	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	C. Smith	AK-00-019	1, 9/22/03
D061	Transit RTG Final Safety Analysis Report (Vol. 1)	TRW	P2010-1074, TRW (A)-11464-0491, TWCP-24021	3/1/71
D062	Los Alamos Scientific Laboratory Health, Safety, and Environment Manual, Chapter XVIII-Material Disposal	LASL	P2010-1328	3/11/1981
D063	Acceptable Knowledge Summary report for Combustable/Noncombustable, Metallic, and HEPA Filter Waste resulting from PU-238 Fabrication Activities	P.S.Z. Rogers and C.L. Foxx	TWCP-1042, LA-UR-98-2016	0, 2/19/1998
D064	Pyrochemical Recovery of Plutonium Fluoride Reduction Slag	D.C Christensen and J.A. Rayburn	LA-9655-MS	NA, 7/1983
D065	LANL Project 2010 Acceptable Knowledge Report - Acceptable Knowledge Operations Report for Plutonium-238 Porcesses at LANL Facilities	Unknown	Project 2010	Revew Draft, NA
D066	The Decommissioning of TA-21-153, Aac-227 Contaminated Old Filter Building	Johnny Harper and Raymond Garde	LA-9047-MS UC-70	November 1981
D067	Nuclear Criticality Safety in D&D Operations - A Los Alamos Experience	Jihn Schlesser	LA-UR-96-3623	December 26, 1996
D068	Decontamination and Demolition of a Former Plutonium Processing Facility's Process Exhaust System, Firescreen, and Filter Plenum Buildings	Patrick LaFrate, Jr., Daniel Stout, Jouh Elliot	CONF-960212-68 LA-UR-96-0421	April 1, 1996
D069	A History of Waste Disposal at Technical Area 21 1943-1978	Ethan Merrill	NA	NA, March 1990
D070	Decontamination and Size Reduction of Plutonium Contaminated Process Exhaust Ductwork and Glove Boxes	Patrick LaFrate, Jr., John Elliott, David Siddoway, Miguel Valasquez	CONF-970335-39 LA-UR-97-254	11/15/96
D071	Upgrade and Performance Testing for the Linc System at TA-54 Area G	CD Rael and HO Menlove	LA-UR-02-2019	NA, Unknown
D072	Retrieval Plan for TA-54, Area G TRU Waste Containing Corrugated Metal Pipes (CMP)	Henry Nunes	TRU-PLAN-1302	Rev. 0, 12/19/2005

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
D073	Project Management Objectives for Pit 9 TRU Waste Retrieval	Avril Millenstead	TRU-PLAN-1201	Rev. 0, 05/12/2005
D074	Retrieval Plan for TA-54, Area G TRU Waste for Pit 9	William Gonzales	TRU-PLAN-1202	Rev. 0, 12/15/2005
D075	TA-54, Area G Pit 9 Waste Description	William Gonzales	TRU-TD-1202	Rev. 0, 01/09/2006
D076	TA-54, Area G Pit 9 Waste Description	William Gonzales	TD-SWO-008	Rev. 0, 03/25/2004
D077	TA-54, Area G CMP Waste Description	William Gonzales	TRU-TD-1301	Rev. 0, 01/09/2006
D078	TA-54, Area G Tenches A-D Waste Description	William Gonzales	TRU-TD-1401	Rev. 0, 01/09/2006
D079	TA-54 Area G Documented Safety Analysis	Dennis McLain	ABD-WFM-001	Rev. 0, 04/09/2003
D080	Attachment A (Waste Analysis Plan) of the LANL Hazardous Waste Permit	NA	TWCP-14341	Rev. NA, 01/30/1995
D081	LANL Waste Acceptance Criteria	NA	PLAN-WASTEMGT-002	Rev. 3.8, 02/05/2003
D082	Basis for Interim Operations for Technical Area G	J. Apperson	ABD-WFM-001	Rev. 1.0, DRAFT, 10/21/2010
D083	Corrugated Metal Pipes Category of Transuranic Waste Stored Below Ground within Area G	Kenneth M. Hargis	EP2013-5171	Rev. NA, August 2013
D084	Review of Nitrate Wastes Associated with Plutonium Purification and Recovery Operations at Los Alamos National Laboratory	NA	LA-UR-14-24715	Rev. NA, June 2014
D085	Receptor Height: 1.5 m in Dispersion Modeling	J.C. Laul	LA-UR-12-01402	Rev. NA, 2012
D086	Final Report of the Los Alamos Historical Document Retrieval and Assessment (LAHDRA) Project	Thomas Widner	NA	Rev. NA, November 2010
D087	A Historyt of Radioactive Liquid Waste Management at Los Alamos	L.A. Emelity	LA-UR-96-1283	Rev. NA, NA
D088	A Comprehensive Solution for Managing TRU & LLW From Generation to Final Disposition - 13205	Justin C. Tozer, et al	LA-UR-12-26280	Rev. NA, 02/24-02/28/2013
D089	WCATS - the Future of Waste Operations at LANL	NA	NA	Rev. NA, NA
DR004	Acceptable Knowledge Source Document Discrepancy Resolution for LA-MHD04.001 regarding Removal of Drum Greater Than 50% Solids	Randy Fitzgerald	NA	Rev. NA, 04/29/2009
DR005	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001	Michael J. Papp	NA	Rev. NA, 06/17/2014

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
DR007	Removal of One (1) Debris Container from Soil Waste Stream LA-MSG04.001	Randy Fitzgerald	NA	Rev. NA, 06/07/2012
M001	Table 1. TA-21 Plutonium Processing Operations, TA-21-Operations Report, Crosswalk to TA-55 Operations	Jim Foxx	TWCP-19810	NA
M002	An excerpt from Archive generator's databases 95drum	LANL	TWCP-06988	n/a, 10/25/01
M003	Waste Streams from Buildings TA-21, TA-55, TA-50, and TA-00 at LANL. Appendices B, C, D, E and F (Changes to Sampling Plan)	NA	TWCP-04138, TWCP Plan-0.2.7-001	Rev. 2, 6/4/99
M004	TA-55 NMT Waste Management System (CONCERT Database)	LANL - NMT division	n/a	n/a, n/a
M006	FWO TRU Waste Management Database (AKIR Database)	LANL- FWO division	n/a	n/a, n/a
M007	Data Dictionary for the Facility and Waste Operations (FWO) TRU Waste Management ORACLE Database	NA	TWCP-15206	12/22/99
M008	Exerpt from CONCERT Database	LANL	NA	Rev. NA, 08/17/2006
M009	AKIR Database Extracted DP West (TA-21) Radionuclides in Grams	LANL	AK-00-020	Rev. 0, 08/22/2006
M010	Miscellaneous Material Safety Data Sheets (MSDSs) for Commercial Products and other Chemicals Identified in the TA-21 Processes	Various	N/A	N/A, Various
M014	Vent Date Information - 6/26/2007 - 4/7/2008	Randy Fitzgerald	NA	Rev. NA, 04/09/2008
M015	TWSRs for Containers 80126, 80128, 80354, 80356, 80358, 30360, 80380, 80388	NA	NA	Rev. NA, Various
M016	Pu-238 Storage Facility Logbook	Joshua E	NA	Rev. NA, 03/04/1974-12/3/1985
M017	CMP's Logbook - Area T, TA-21	Michael Martinez	NA	Rev. NA, 04/28/1986-12/08/1986
M018	TA-54, Area G, Pit 9 Waste Information Spreadsheet	NA	NA	Rev. NA, 1/21/2009
M019	TWSRs for Containers 80000 Series	NA	NA	Rev. NA

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
M020	RSWD/TWSR Records for LA-MSG04.001	NA	NA	Rev. NA
M229	Record of Communication - Secondary Waste Added During Remediation and Repackaging Operations	Michael Papp	NA	Rev. NA, 08/06/2013
P001	Plutonium Electrorefining	Sammi Owens	432-MMP/TWCP-2505	Rev. 8, 08/25/97
P002	Button Breaking Press	David Olivas	317-CAS, TWCP-3541/MET-45	Rev. 5, (no date present)
P003	Safe Operating Procedure for Pit Disassembly	C.E. Klatt	397-SEC, TWCP-3541/MET-42	Rev. 3, 03/25/92
P004	Measuring Physical Properties	(no author listed)	116-MRD, TWCP-3541/MET-41	Rev. 2, (no date listed)
P005	Pit Disassembly	Calvin Klatt	ATP/SRL-104, TWCP-3541/MET-51	Rev. 0, 08/08/95
P006	Processing Material in the SRL Furnace	John Berg	ATP/SRL-105, TWCP-3541/MET-52	Rev. 0, 08/08/95
P007	Pit Disassembly	M. Blau	397-SRL, TWCP-3541/MET-53	Rev. 4, 07/22/94
P008	Encapsulation of Radioactive Isotopes	Clete Land	353-WEL, TWCP-3541/MET-39	Rev. 3, 06/28/91
P009	Operating Instructions, Procedures, and Equipment for the Los Alamos Plutonium Electrorefining Plant	L. J. Mullins. J.A. Leary, A.N. Morgan	TWCP-22445, LA-2981, LA-3118	Dec. 18, 1963 and July20, 1964
P010	Prohibited Item Dispositioning in Dome 231 Permaco, and TA-54 Area G Sludge Remediation Activities	M. Romero and . Monk	TRU-DOP-0334, EP-DOP-2108, EP-AREAG-WO-DOP-0219	Rev. 0-2,10, 2, 9/11/06-11/28/06, 09/17/2009, 05/06/10
P011	Processing Waste in the Waste Characterization Glovebox	T. Monk	EP-WCRR-WO-DOP-0233	5, 7/16/07
P012	Standard Waste Visual Examination and Prohibited Item Dispositioning	Mike Romero	TRU-DOP-1709	2, 9/28/06
P013	Trenches A-D Retrieval Operations	Henry Nunes	TRU-DOP-1401	Rev. 0, 02/2006
P014	TA-54, Area G CMP Retrieval Operations	Henry Nunes	TRU-DOP-1301	Rev. 0, 08/2006

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P015	General Waste Management Requirements	NA	LIR 404-00-02.3	Rev. NA, 11/01/1998
P016	Managing Radioactive Waste	NA	LIR404-00-05.2	Rev. NA, 01/05/1999
P017	Hazardous and Mixed Waste	NA	AR 10-3	Rev. NA, 04/26/1993
P018	Review and Completion of the TWSR	NA	AP-SWO-006	Rev. 3.2, July 2003
P019	Waste Generator Guidance for Completing the TRU Waste Storage Record (TWSR)	NA	LIG404-00-01.2	Rev. NA, 11/26/1997
P020	Waste Profile Form Guidance	NA	LIG 404-00-03.1	Rev. NA, 09/18/1997
P021	TA-54 Area G TRU Waste Drum SSSR Activities	Louis Jalbert	EP-AREAG-WO-DOP-1084	Rev. 3, 02/28/2014
P027	TA-54 Area G TRU Crate SSSR Activities	Mike Romero	EP-AREAG-WO-DOP-0227	Rev. 0, 06/15/2011
P028	TA-54 Area G TRU SWB/Drum Operations	Stephanie Jacquez	EP-AREAG-WO-DOP-0211	Rev. 12, 09/26/2011
P029	TA-54-231 PermaCon Upgrades	H. Gammage, et al.	TA-54-231-FRD-00094	Rev. 0, 02/23/2012
P030	Sort, Segregate, Size Reduction, and Repackaging Activity	Scott A. Miller	EP-AREAG-WO-DOP-0216	Rev. 15, 05/23/2011
P031	TA-54 Area G Sludge Remediation SSSR Activities	Louis Jalbert	EP-AREAG-WO-DOP-1085	Rev. 5, 03/04/2014
P032	TA-54 Area G TRU Oversized Container SSSR Activities	Paul N. Newberry	EP-AREAG-WO-DOP-1091	Rev. 7, 05/08/2014
P033	WCRRF Waste Characterization Glovebox Operations	Lou Jalbert	EP-WCRR-WO-DOP-0233, EP-WCRR-WO-DOP-1198	Rev. 32, 35, 36, 37, 38, Rev. 0, 1, Various
P034	TA-54-375 TRU Oversized Box Processing Capability Project	Joe Kanzleiter, et al.	FRD-11-TA54-AREAG-001	Rev. 1, 03/07/2011
P035	MDA-B TRU Waste Container Packaging in SWBs	Don Allen	TA21-MDAB-00017	Rev. 0, 04/21/2011

Attachment 4 - Acceptable Knowledge Source Document Information List (continued)

Source Document Tracking Number [a/c]	Title or Description [a]	Author	Document # [b]	Document Revision # and Date
P036	Waste Management Plan for Material Disposal Area (MDA) B	Don Allen	TA21-MDAB-PLAN-00014	Rev. 1, 12/15/2010
P037	Waste Management Procedure for Environmental Program TA-21 Closure Project Activities (U)	Don Allen	TA21-AP-00002	Rev. 0, 03/16/20120
P038	Transuranic (TRU) Solid Waste	NA	ES&H Manual, AR 10-5	Rev. NA, August 15, 1993
P039	TA-54 Area G TRU Corrugated Metal Box SSSR Activities	Paul N. Newberry	EP-AREAG-WO-DOP-1155	Rev. 1, 05/17/2013
P041	TA-54 Area G TRU Waste Receipt, Storage, and Transfer	Gail Welsh	EP-AREAG-WO-DOP-1086	Rev. 2, 01/29/2014
P042	WCRRF and Building TA-50-69 Waste Container Receipt, Movement, and Transfer	Lou Jalbert	EP-WCRR-WO-DOP-1199	Rev. 1, 04/16/2014
P043	LANL Waste Acceptance Criteria	LANL	P930-1	Rev. 6, 01/22/2014
U001	A Brief History of C-AAC	NA	TWCP-19898	01/20/04
U002	Memorandum to E.L. Albenesius, Re: Description of Mound and LASL Solid Pu-238 Waste Stored at SRP	O.A. Towler	DPST-81-647	N/A, 9/18/79

[a] From Acceptable Knowledge Souce Document Summaries (Attachments 3)

[b] Or publisher's document number if available

[c] In the case where a AK Summary Report has been revised based on information in Attachment 11- Acceptable Knowledge Source Document Discrepancy Resolution form, identify the tracking number.

Acceptable Knowledge Expert: Amy Johns, Amy Johns Date: 7-28-2015
Print/Sign

Attachment 5 – Hazardous Constituents

Site(s): Los Alamos National Laboratory

Waste Stream Description: TA-55 Mixed Heterogeneous Debris

Waste Stream Number: LA-MHD01.001

Compound	Suspected Present? (Y/N)	Suspected Concentration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Metal Compounds (CCP-PO-001 Table B3-8 & 40 CFR Part 261) [i]										
Arsenic	Y	Unknown	N/A	N/A	N	D004	N/A	N/A	D004	N/A
Barium	Y	Unknown	N/A	N/A	N	D005	N/A	N/A	D005	N/A
Beryllium	Y	<1 wt%	N/A	N/A	N/A	N/A	N/A	P015	N	N/A
Cadmium	Y	Unknown	N/A	N/A	N	D006	N/A	N/A	D006	N/A
Chromium	Y	Unknown	N/A	N/A	N	D007	N/A	N/A	D007	N/A
Lead	Y	Unknown	N/A	N/A	N	D008	N/A	N/A	D008	N/A
Mercury	Y	Unknown	N/A	N/A	N	D009	N/A	U151	D009	N/A
Selenium	Y	Unknown	N/A	N/A	N	D010	N/A	N/A	D010	N/A
Silver	Y	Unknown	N/A	N/A	N	D011	N/A	N/A	D011	N/A
Volatile Organic Compounds (CCP-PO-001 Tables B3-2 and B3-4 & 40 CFR Part 261)										
1,1,1-Trichloroethane	Y	Unknown	Y	N	N/A	N/A	F001/F002	U226	F001/F002	N/A
1,1,2,2-Tetrachloroethane	N	N/A	N/A	N/A	N/A	N/A	N/A	U209	N	N/A
1,1,2-Trichloro-1,2,2-trifluoroethane	Y	Unknown	Y	N	N/A	N/A	F001/F002	N/A	F001/F002	N/A
1,1,2-Trichloroethane	N	N/A	N/A	N/A	N/A	N/A	F002	U227 [k]	N	N/A
1,1-Dichloroethane	N	N/A	N/A	N/A	N/A	N/A	N/A	U076 [k]	N	N/A
1,1-Dichloroethylene	N	N/A	N/A	N/A	N/A	D029	N/A	U078	N	N/A
1,2-Dichlorobenzene [d]	N	N/A	N/A	N/A	N/A	N/A	F002	U070	N	N/A
1,2-Dichloroethane	N	N/A	N/A	N/A	N/A	D028	N/A	U077 [k]	N	N/A
1,4-Dichlorobenzene [d]	N	N/A	N/A	N/A	N/A	D027	N/A	U072	N	N/A
2-Ethoxyethanol	N	N/A	N/A	N/A	N/A	N/A	F005	U359 [k]	N	N/A
2-Nitropropane	N	N/A	N/A	N/A	N/A	N/A	F005	U171 [k]	N	N/A
Acetone	Y	Unknown	Y	N	N/A	N/A	F003	U002	N	N/A
Benzene	Y	Unknown	Y	N	N/A	D018	F005	U019	D018/F005	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MHD01.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Volatile Organic Compounds (continued)										
Bromoform	N	N/A	N/A	N/A	N/A	N/A	N/A	U225 [k]	N	N/A
Butanol (n-Butyl alcohol)	Y	Unknown	Y	N	N/A	N/A	F003	U031 [k]	N	N/A
Carbon disulfide	N	N/A	N/A	N/A	N/A	N/A	F005	P022 [k]	N	N/A
Carbon tetrachloride	Y	Unknown	Y	N	N/A	D019	F001	U211 [k]	D019/F001	N/A
Chlorobenzene	Y	Unknown	Y	N	N/A	D021	F002	U037	D021/F002	N/A
Chloroform	Y	Unknown	Y	N	N	D022	N/A	U044	D022	N/A
cis-1,2-Dichloroethylene [c]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexanone	N	N/A	N/A	N/A	N/A	N/A	F003	U057 [k]	N	N/A
Ethyl acetate	N	N/A	N/A	N/A	N/A	N/A	F003	U112 [k]	N	N/A
Ethyl benzene	N	N/A	N/A	N/A	N/A	N/A	F003	N/A	N	N/A
Ethyl ether	Y	Unknown	Y	N	N/A	N/A	F003	U117 [k]	N	N/A
Formaldehyde [g]	N	N/A	N/A	N/A	N/A	N/A	N/A	U122	N	N/A
Hydrazine [h]	N	N/A	N/A	N/A	N/A	N/A	N/A	U133	N	N/A
Isobutanol	N	N/A	N/A	N/A	N/A	N/A	F005	U140 [k]	N	N/A
Methanol	Y	Unknown	Y	N	N/A	N/A	F003	U154	N	N/A
Methyl ethyl ketone	Y	Unknown	Y	N	N/A	D035	F005	U159	D035/F005	N/A
Methyl isobutyl ketone	N	N/A	N/A	N/A	N/A	N/A	F003	U161 [k]	N	N/A
Methylene chloride	Y	Unknown	Y	N	N/A	N/A	F001/F002	U080 [k]	F001/F002	N/A
Pyridine [d]	Y	Unknown	Y	N	N/A	D038	F005	U196	D038/F005	N/A
Tetrachloroethylene	Y	Unknown	Y	N	N/A	D039	F001/F002	U210	D039/F001 /F002	N/A
Toluene	Y	Unknown	Y	N	N/A	N/A	F005	U220	F005	N/A
trans-1,2-Dichloroethylene	N	N/A	N/A	N/A	N/A	N/A	N/A	U079	N	N/A
Trichloroethylene	Y	Unknown	Y	N	N/A	D040	F001/F002	U228	D040/F001 /F002	N/A
Trichlorofluoromethane	N	N/A	N/A	N/A	N/A	N/A	F001/F002	U121 [k]	N	N/A
Vinyl Chloride	N	N/A	N/A	N/A	N/A	D043	N/A	U043	N	N/A
Xylenes	Y	Unknown	Y	N	N/A	N/A	F003	U239	N	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MHD01.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Semivolatile Organic Compounds (CCP-PO-001 Table B3-6 & 40 CFR Part 261)										
2,4,5-Trichlorophenol	N	N/A	N/A	N/A	N/A	D041 [k]	F027 [k]	N/A	N	N/A
2,4,6-Trichlorophenol	N	N/A	N/A	N/A	N/A	D042 [k]	F027 [k]	N/A	N	N/A
2,4-Dinitrophenol	N	N/A	N/A	N/A	N/A	N/A	N/A	P048 [k]	N	N/A
2,4-Dinitrotoluene	N	N/A	N/A	N/A	N/A	D030	N/A	U105	N	N/A
Cresols	N	N/A	N/A	N/A	N/A	D026	F004	U052	N	N/A
Cresols (m)	N	N/A	N/A	N/A	N/A	D024 [k]	N/A	N/A	N	N/A
Cresols (o)	N	N/A	N/A	N/A	N/A	D023 [k]	N/A	N/A	N	N/A
Cresols (p)	N	N/A	N/A	N/A	N/A	D025 [k]	N/A	N/A	N	N/A
Hexachlorobenzene	N	N/A	N/A	N/A	N/A	D032	N/A	U127 [k]	N	N/A
Hexachlorobutadiene	N	N/A	N/A	N/A	N/A	D033	N/A	U128 [k]	N	N/A
Hexachloroethane	N	N/A	N/A	N/A	N/A	D034	N/A	U131 [k]	N	N/A
Nitrobenzene	N	N/A	N/A	N/A	N/A	D036	F004	U169 [k]	N	N/A
Pentachlorophenol	N	N/A	N/A	N/A	N/A	D037	F027 [k]	N/A	N	N/A
Pesticides and Herbicides (40 CFR Part 261)										
2,4,5-TP (Silvex)	N	N/A	N/A	N/A	N/A	D017 [k]	F027 [k]	N/A	N	N/A
2,4-D	N	N/A	N/A	N/A	N/A	D016 [k]	N/A	U240 [k]	N	N/A
Chlordane	N	N/A	N/A	N/A	N/A	D020 [k]	N/A	U036 [k]	N	N/A
Endrin	N	N/A	N/A	N/A	N/A	D012 [k]	N/A	P051 [k]	N	N/A
Heptachlor (and its epoxide)	N	N/A	N/A	N/A	N/A	D031 [k]	N/A	P059 [k]	N	N/A
Lindane	N	N/A	N/A	N/A	N/A	D013 [k]	N/A	U129 [k]	N	N/A
Methoxychlor	N	N/A	N/A	N/A	N/A	D014 [k]	N/A	U247 [k]	N	N/A
Toxaphene	N	N/A	N/A	N/A	N/A	D015 [k]	N/A	P123 [k]	N	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MHD01.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Other Constituents										
Wastewater treatment sludges from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F006	N/A	N	N/A
Spent cyanide plating bath solutions from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F007	N/A	N	N/A
Spent cyanides stripping and cleaning bath solutions from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F009	N/A	N	N/A
Total PCB Concentration [l]	Y	Unknown	N/A	N	N/A	N/A	N/A	N/A	N/A	N/A
Additional EPA Hazardous Constituents (List) Hydrofluoric acid	Y	Unknown	N/A	N	N/A	N/A	N/A	U134	N	N/A
Note: If sampling homogeneous waste, identify all chemical constituents listed in tables B3-4, B3-6 and B3-8 of the WAP										
Additional State Hazardous Constituents [b] (List) [e]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Potentially Flammable VOCs (List) [e,f] Acetone Benzene Butanol Chlorobenzene Ethyl ether Methanol Methyl ethyl ketone Toluene Xylenes	Y	Unknown	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MHD01.001

Compound	Suspected Present? (Y/N)	Suspected Concentration (ppm)	Used as a solvent? [e] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [e] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Other Constituents (cont.)										
Tentatively Identified Compounds (List) [e] Chloromethane (methyl chloride)	Y	Unknown	N	N	N/A	N/A	N/A	U045 [k]	N	N/A

a. Source: Title 40 Code of Federal Regulations Part 261, Identification and Listing of Hazardous Waste
b. Source: Cite applicable state regulation
c. Source: CCP-PO-001 CCP Transuranic Waste Characterization Quality Assurance Project Plan
d. Can also be analyzed as a semivolatile organic compound
e. Add rows or attach additional sheets as necessary
f. Flammable VOCs included in the CH-TRAMPAC
g. Required only for homogeneous solids and soil/gravel from LANL and SRS
h. Required only for homogeneous solids and soil/gravel from ORNL and SRS
i. Antimony, nickel, thallium, vanadium, and zinc are included in Table B3-8 of CCP-PO-001 but are not regulated under 40 CFR Part 261, and therefore, are not subject to AK evaluation per the WIPP-WAP Section B4.
j. Source: Title 40 Code of Federal Regulations Part 761, Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.
k. This EPA hazardous waste Number is not permitted for WIPP disposal.

NOTE: If any of the information requested on this form is not available or not applicable, enter N/A in the appropriate box.

Acceptable Knowledge Expert: Michael J. Papp (Print) _____ (Sign) **Date:** 4-7-08

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MHD01.001

Compound	Suspected Present? (Y/N)	Suspected Concentration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Other Constituents (cont.)										
Tentatively Identified Compounds (List) [e] Chloromethane (methyl chloride)	Y	Unknown	N	N	N/A	N/A	N/A	U045 [k]	N	N/A

a Source: Title 40 Code of Federal Regulations Part 261, Identification and Listing of Hazardous Waste
b. Source: Cite applicable state regulation
c. Source: CCP-PO-001 CCP Transuranic Waste Characterization Quality Assurance Project Plan
d. Can also be analyzed as a semivolatile organic compound
e. Add rows or attach additional sheets as necessary
f. Flammable VOCs included in the CH-TRAMPAC
g. Required only for homogeneous solids and soil/gravel from LANL and SRS
h. Required only for homogeneous solids and soil/gravel from ORNL and SRS
i. Antimony, nickel, thallium, vanadium, and zinc are included in Table B3-8 of CCP-PO-001 but are not regulated under 40 CFR Part 261, and therefore, are not subject to AK evaluation per the WIPP-WAP Section B4.
j. Source: Title 40 Code of Federal Regulations Part 761, Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.
k. This EPA hazardous waste Number is not permitted for WIPP disposal.

NOTE: If any of the information requested on this form is not available or not applicable, enter N/A in the appropriate box.

Acceptable Knowledge Expert: Michael J. Papp / Sign **Date:** 2/6/08
Print

SUPERCEDED 8/1/08

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/CCP Records	Site:	Los Alamos National Laboratory CCP-AK-LANL-006
	Custodian	Company:	Technical Specialists
	4021 National Parks Hightway – MS	Telephone Number:	505-302-8669
	GSA 203, Carlsbad, NM 88220	Date Sent:	4/2/08
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
NA	Attachment 5 – Hazardous Constituents for TA-55 Mixed Heterogeneous Debris for Waste Stream LA-MHD01.001	2/06/2008	6 04/10/08

Comments

None.

Acceptance/Rejection Signature and Date

Records Accepted [J] Jodi Saltzman (Signature) JODI SALTZMAN (Printed Name) 04/10/08 (Date)

Records Rejected [J] Jodi Saltzman (Signature) JODI SALTZMAN (Printed Name) 04/07/08 (Date)

Reason for Rejection:
Electronic Signatures used in this document.

Re-submittal: Amy Johns (Signature) Amy Johns (Printed Name) 4/7/08 (Date)

P.01

TRANSACTION REPORT

APR-10-2008 THU 11:18 AM

FOR: CCP RECORDS 15052347014

SEND DATE START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
APR-10 11:18 AM	LANL CARLSBAD	15"	1	FAX TX	OK	158	

TOTAL : 15S PAGES: 1

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Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] Electronic Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/CCP Records	Site:	Los Alamos National Laboratory CCP-AK-LANL-006
	Custodian	Company:	Technical Specialists
	4021 National Parks Hightway – MS	Telephone Number:	505-302-8669
	GSA 203, Carlsbad, NM 88220	Date Sent:	4/2/08
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
NA	Attachment 5 – Hazardous Constituents for TA-55 Mixed Heterogeneous Debris for Waste Stream LA-MHD01.001	2/06/2008	6 4/10/08

Comments

None.

Acceptance/Rejection Signature and Date
Records Accepted [J] Jodi Saltzman JODI SALTZMAN 4/10/08

DIVIDER

PAGE

Attachment 5 – Hazardous Constituents

Site(s): Los Alamos National Laboratory

Waste Stream Description: Mixed Contaminated Soil from TA-21 DP West

Waste Stream Number: LA-MSG04.001

Compound	Suspected Present? (Y/N)	Suspected Concentration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Metal Compounds (CCP-PO-001 Table B3-8 & 40 CFR Part 261) [i]										
Arsenic	Y	Unknown	N/A	N/A	N	D004	N/A	N/A	D004	N/A
Barium	Y	Unknown	N/A	N/A	N	D005	N/A	N/A	D005	N/A
Beryllium	Y	<1 wt%	N/A	N/A	N/A	N/A	N/A	P015	N	N/A
Cadmium	Y	Unknown	N/A	N/A	N	D006	N/A	N/A	D006	N/A
Chromium	Y	Unknown	N/A	N/A	N	D007	N/A	N/A	D007	N/A
Lead	Y	Unknown	N/A	N/A	N	D008	N/A	N/A	D008	N/A
Mercury	Y	Unknown	N/A	N/A	N	D009	N/A	U151	D009	N/A
Selenium	Y	Unknown	N/A	N/A	N	D010	N/A	N/A	D010	N/A
Silver	Y	Unknown	N/A	N/A	N	D011	N/A	N/A	D011	N/A
Volatile Organic Compounds (CCP-PO-001 Tables B3-2 and B3-4 & 40 CFR Part 261)										
1,1,1-Trichloroethane	Y	Unknown	Y	N	N/A	N/A	F001/F002	U226	F001/F002	N/A
1,1,2,2-Tetrachloroethane	N	N/A	N/A	N/A	N/A	N/A	N/A	U209	N	N/A
1,1,2-Trichloro-1,2,2-trifluoroethane	Y	Unknown	Y	N	N/A	N/A	F001/F002	N/A	F001/F002	N/A
1,1,2-Trichloroethane	N	N/A	N/A	N/A	N/A	N/A	F002	U227 [k]	N	N/A
1,1-Dichloroethane	N	N/A	N/A	N/A	N/A	N/A	N/A	U076 [k]	N	N/A
1,1-Dichloroethylene	N	N/A	N/A	N/A	N/A	D029	N/A	U078	N	N/A
1,2-Dichlorobenzene [d]	N	N/A	N/A	N/A	N/A	N/A	F002	U070	N	N/A
1,2-Dichloroethane	N	N/A	N/A	N/A	N/A	D028	N/A	U077 [k]	N	N/A
1,4-Dichlorobenzene [d]	N	N/A	N/A	N/A	N/A	D027	N/A	U072	N	N/A
2-Ethoxyethanol	N	N/A	N/A	N/A	N/A	N/A	F005	U359 [k]	N	N/A
2-Nitropropane	N	N/A	N/A	N/A	N/A	N/A	F005	U171 [k]	N	N/A
Acetone	Y	Unknown	Y	N	N/A	N/A	F003	U002	N	N/A
Benzene	Y	Unknown	Y	N	N/A	D018	F005	U019	F005	N/A

ORIGINAL

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MSG04.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Volatile Organic Compounds (continued)										
Bromoform	N	N/A	N/A	N/A	N/A	N/A	N/A	U225 [k]	N	N/A
Butanol (n-Butyl alcohol)	Y	Unknown	Y	N	N/A	N/A	F003	U031 [k]	N	N/A
Carbon disulfide	N	N/A	N/A	N/A	N/A	N/A	F005	P022 [k]	N	N/A
Carbon tetrachloride	Y	Unknown	Y	N	N/A	D019	F001	U211 [k]	F001	N/A
Chlorobenzene	Y	Unknown	Y	N	N/A	D021	F002	U037	F002	N/A
Chloroform	Y	Unknown	N/A	N	N	D022	N/A	U044	D022	N/A
cis-1,2-Dichloroethylene [c]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexanone	N	N/A	N/A	N/A	N/A	N/A	F003	U057 [k]	N	N/A
Ethyl acetate	N	N/A	N/A	N/A	N/A	N/A	F003	U112 [k]	N	N/A
Ethyl benzene	N	N/A	N/A	N/A	N/A	N/A	F003	N/A	N	N/A
Ethyl ether	Y	Unknown	Y	N	N/A	N/A	F003	U117 [k]	N	N/A
Formaldehyde [g]	N	N/A	N/A	N/A	N/A	N/A	N/A	U122	N	N/A
Hydrazine [h]	N	N/A	N/A	N/A	N/A	N/A	N/A	U133	N	N/A
Isobutanol	N	N/A	N/A	N/A	N/A	N/A	F005	U140 [k]	N	N/A
Methanol	Y	Unknown	Y	N	N/A	N/A	F003	U154	N	N/A
Methyl ethyl ketone	Y	Unknown	Y	N	N/A	D035	F005	U159	F005	N/A
Methyl isobutyl ketone	Y	Unknown	Y	N	N/A	N/A	F003	U161 [k]	N	N/A
Methylene chloride	Y	Unknown	Y	N	N/A	N/A	F001/F002	U080 [k]	F001/F002	N/A
Pyridine [d]	Y	Unknown	Y	N	N/A	D038	F005	U196	F005	N/A
Tetrachloroethylene	Y	Unknown	Y	N	N/A	D039	F001/F002	U210	F001/F002	N/A
Toluene	Y	Unknown	Y	N	N/A	N/A	F005	U220	F005	N/A
trans-1,2-Dichloroethylene	N	N/A	N/A	N/A	N/A	N/A	N/A	U079	N	N/A
Trichloroethylene	Y	Unknown	Y	N	N/A	D040	F001/F002	U228	F001/F002	N/A
Trichlorofluoromethane	N	N/A	N/A	N/A	N/A	N/A	F001/F002	U121 [k]	N	N/A
Vinyl Chloride	N	N/A	N/A	N/A	N/A	D043	N/A	U043	N	N/A
Xylenes	Y	Unknown	Y	N	N/A	N/A	F003	U239	N	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MSG04.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Semivolatile Organic Compounds (CCP-PO-001 Table B3-6 & 40 CFR Part 261)										
2,4,5-Trichlorophenol	N	N/A	N/A	N/A	N/A	D041 [k]	F027 [k]	N/A	N	N/A
2,4,6-Trichlorophenol	N	N/A	N/A	N/A	N/A	D042 [k]	F027 [k]	N/A	N	N/A
2,4-Dinitrophenol	N	N/A	N/A	N/A	N/A	N/A	N/A	P048 [k]	N	N/A
2,4-Dinitrotoluene	N	N/A	N/A	N/A	N/A	D030	N/A	U105	N	N/A
Cresols	N	N/A	N/A	N/A	N/A	D026	F004	U052	N	N/A
Cresols (m)	N	N/A	N/A	N/A	N/A	D024 [k]	N/A	N/A	N	N/A
Cresols (o)	N	N/A	N/A	N/A	N/A	D023 [k]	N/A	N/A	N	N/A
Cresols (p)	N	N/A	N/A	N/A	N/A	D025 [k]	N/A	N/A	N	N/A
Hexachlorobenzene	N	N/A	N/A	N/A	N/A	D032	N/A	U127 [k]	N	N/A
Hexachlorobutadiene	N	N/A	N/A	N/A	N/A	D033	N/A	U128 [k]	N	N/A
Hexachloroethane	N	N/A	N/A	N/A	N/A	D034	N/A	U131 [k]	N	N/A
Nitrobenzene	N	N/A	N/A	N/A	N/A	D036	F004	U169 [k]	N	N/A
Pentachlorophenol	N	N/A	N/A	N/A	N/A	D037	F027 [k]	N/A	N	N/A
Pesticides and Herbicides (40 CFR Part 261)										
2,4,5-TP (Silvex)	N	N/A	N/A	N/A	N/A	D017 [k]	F027 [k]	N/A	N	N/A
2,4-D	N	N/A	N/A	N/A	N/A	D016 [k]	N/A	U240 [k]	N	N/A
Chlordane	N	N/A	N/A	N/A	N/A	D020 [k]	N/A	U036 [k]	N	N/A
Endrin	N	N/A	N/A	N/A	N/A	D012 [k]	N/A	P051 [k]	N	N/A
Heptachlor (and its epoxide)	N	N/A	N/A	N/A	N/A	D031 [k]	N/A	P059 [k]	N	N/A
Lindane	N	N/A	N/A	N/A	N/A	D013 [k]	N/A	U129 [k]	N	N/A
Methoxychlor	N	N/A	N/A	N/A	N/A	D014 [k]	N/A	U247 [k]	N	N/A
Toxaphene	N	N/A	N/A	N/A	N/A	D015 [k]	N/A	P123 [k]	N	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MSG04.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Other Constituents										
Wastewater treatment sludges from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F006	N/A	N	N/A
Spent cyanide plating bath solutions from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F007	N/A	N	N/A
Spent cyanides stripping and cleaning bath solutions from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F009	N/A	N	N/A
Total PCB Concentration [j]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Additional EPA Hazardous Constituents (List) Hydrofluoric acid	Y	Unknown	N/A	N	N/A	N/A	N/A	U134	N	N/A
Note: If sampling homogeneous waste, identify all chemical constituents listed in tables B3-4, B3-6 and B3-8 of the WAP										
Additional State Hazardous Constituents [b] (List) [e]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Potentially Flammable VOCs (List) [e,f] Acetone Benzene Chlorobenzene Ethyl ether Methanol Methyl ethyl ketone Methyl isobutyl ketone Toluene Xylenes	Y	Unknown	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-MSG04.001										
Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Other Constituents (cont.)										
Tentatively Identified Compounds (List) [e]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

a Source: Title 40 Code of Federal Regulations Part 261, Identification and Listing of Hazardous Waste
b. Source: Cite applicable state regulation
c. Source: CCP-PO-001 CCP Transuranic Waste Characterization Quality Assurance Project Plan
d. Can also be analyzed as a semivolatile organic compound
e. Add rows or attach additional sheets as necessary
f. Flammable VOCs included in the CH-TRAMPAC
g. Required only for homogeneous solids and soil/gravel from LANL and SRS
h. Required only for homogeneous solids and soil/gravel from ORNL and SRS
i. Antimony, nickel, thallium, vanadium, and zinc are included in Table B3-8 of CCP-PO-001 but are not regulated under 40 CFR Part 261, and therefore, are not subject to AK evaluation per the WIPP-WAP Section B4.
j. Source: Title 40 Code of Federal Regulations Part 761, Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.
k. This EPA hazardous waste Number is not permitted for WIPP disposal.

NOTE: If any of the information requested on this form is not available or not applicable, enter N/A in the appropriate box.

Acceptable Knowledge Expert: Michael J. Papp (Print) _____ PPP (Sign) **Date:** 10-23-09

DIVIDER

PAGE

Attachment 5 – Hazardous Constituents

Site(s): Los Alamos National Laboratory

Waste Stream Description: Defense Sealed Sources

Waste Stream Number: LA-OS-00-01.001

Compound	Suspected Present? (Y/N)	Suspected Concentration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Metal Compounds (CCP-PO-001 – Table C3-8 & 40 CFR Part 261) [i]										
Arsenic	N	N/A	N/A	N/A	N/A	D004	N/A	N/A	N/A	N/A
Barium	N	N/A	N/A	N/A	N/A	D005	N/A	N/A	N/A	N/A
Beryllium	Y	Unknown	N/A	N	N/A	N/A	N/A	P015	N	N/A
Cadmium	N	N/A	N/A	N/A	N/A	D006	N/A	N/A	N/A	N/A
Chromium	N	N/A	N/A	N/A	N/A	D007	N/A	N/A	N/A	N/A
Lead	N	N/A	N/A	N/A	N/A	D008	N/A	N/A	N/A	N/A
Mercury	N	N/A	N/A	N/A	N/A	D009	N/A	U151	N/A	N/A
Selenium	N	N/A	N/A	N/A	N/A	D010	N/A	N/A	N/A	N/A
Silver	Y	Unknown	N/A	N	Y	D011	N/A	N/A	N	N/A
Volatile Organic Compounds (CCP-PO-001 – Tables C3-2 and C3-4 & 40 CFR Part 261)										
1,1,1-Trichloroethane	N	N/A	N/A	N/A	N/A	N/A	F001/F002	U226	N/A	N/A
1,1,2,2-Tetrachloroethane	N	N/A	N/A	N/A	N/A	N/A	N/A	U209	N/A	N/A
1,1,2-Trichloro-1,2,2-trifluoroethane	N	N/A	N/A	N/A	N/A	N/A	F001/F002	N/A	N/A	N/A
1,1,2-Trichloroethane	N	N/A	N/A	N/A	N/A	N/A	F002	U227 [k]	N/A	N/A
1,1-Dichloroethane	N	N/A	N/A	N/A	N/A	N/A	N/A	U076 [k]	N/A	N/A
1,1-Dichloroethylene	N	N/A	N/A	N/A	N/A	D029	N/A	U078	N/A	N/A
1,2-Dichlorobenzene [d]	N	N/A	N/A	N/A	N/A	N/A	F002	U070	N/A	N/A
1,2-Dichloroethane	N	N/A	N/A	N/A	N/A	D028	N/A	U077 [k]	N/A	N/A
1,4-Dichlorobenzene [d]	N	N/A	N/A	N/A	N/A	D027	N/A	U072	N/A	N/A
2-Ethoxyethanol	N	N/A	N/A	N/A	N/A	N/A	F005	U359 [k]	N/A	N/A
2-Nitropropane	N	N/A	N/A	N/A	N/A	N/A	F005	U171 [k]	N/A	N/A
Acetone	N	N/A	N/A	N/A	N/A	N/A	F003	U002	N/A	N/A
Benzene	N	N/A	N/A	N/A	N/A	D018	F005	U019	N/A	N/A

CCP RECORDS ORIGINAL
DATE REC'D 7/19/17

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-OS-00-01.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Volatile Organic Compounds (continued)										
Bromoform	N	N/A	N/A	N/A	N/A	N/A	N/A	U225 [k]	N/A	N/A
Butanol (n-Butyl alcohol)	N	N/A	N/A	N/A	N/A	N/A	F003	U031 [k]	N/A	N/A
Carbon disulfide	N	N/A	N/A	N/A	N/A	N/A	F005	P022 [k]	N/A	N/A
Carbon tetrachloride	N	N/A	N/A	N/A	N/A	D019	F001	U211 [k]	N/A	N/A
Chlorobenzene	N	N/A	N/A	N/A	N/A	D021	F002	U037	N/A	N/A
Chloroform	N	N/A	N/A	N/A	N/A	D022	N/A	U044	N/A	N/A
Cyclohexanone	N	N/A	N/A	N/A	N/A	N/A	F003	U057 [k]	N/A	N/A
Ethyl acetate	N	N/A	N/A	N/A	N/A	N/A	F003	U112 [k]	N/A	N/A
Ethyl benzene	N	N/A	N/A	N/A	N/A	N/A	F003	N/A	N/A	N/A
Ethyl ether	N	N/A	N/A	N/A	N/A	N/A	F003	U117 [k]	N/A	N/A
Formaldehyde [g]	N	N/A	N/A	N/A	N/A	N/A	N/A	U122	N/A	N/A
Hydrazine [h]	N	N/A	N/A	N/A	N/A	N/A	N/A	U133	N/A	N/A
Isobutanol	N	N/A	N/A	N/A	N/A	N/A	F005	U140 [k]	N/A	N/A
Methanol	N	N/A	N/A	N/A	N/A	N/A	F003	U154	N/A	N/A
Methyl ethyl ketone	N	N/A	N/A	N/A	N/A	D035	F005	U159	N/A	N/A
Methyl isobutyl ketone	N	N/A	N/A	N/A	N/A	N/A	F003	U161 [k]	N/A	N/A
Methylene chloride	N	N/A	N/A	N/A	N/A	N/A	F001/F002	U080 [k]	N/A	N/A
Pyridine [d]	N	N/A	N/A	N/A	N/A	D038	F005	U196	N/A	N/A
Tetrachloroethylene	N	N/A	N/A	N/A	N/A	D039	F001/F002	U210	N/A	N/A
Toluene	N	N/A	N/A	N/A	N/A	N/A	F005	U220	N/A	N/A
trans-1,2-Dichloroethylene	N	N/A	N/A	N/A	N/A	N/A	N/A	U079	N/A	N/A
Trichloroethylene	N	N/A	N/A	N/A	N/A	D040	F001/F002	U228	N/A	N/A
Trichlorofluoromethane	N	N/A	N/A	N/A	N/A	N/A	F001/F002	U121 [k]	N/A	N/A
Vinyl Chloride	N	N/A	N/A	N/A	N/A	D043	N/A	U043	N/A	N/A
Xylenes	N	N/A	N/A	N/A	N/A	N/A	F003	U239	N/A	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-OS-00-01.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Semivolatile Organic Compounds (CCP-PO-001 – Table C3-6 & 40 CFR Part 261)										
2,4,5-Trichlorophenol	N	N/A	N/A	N/A	N/A	D041 [k]	F027 [k]	N/A	N/A	N/A
2,4,6-Trichlorophenol	N	N/A	N/A	N/A	N/A	D042 [k]	F027 [k]	N/A	N/A	N/A
2,4-Dinitrophenol	N	N/A	N/A	N/A	N/A	N/A	N/A	P048 [k]	N/A	N/A
2,4-Dinitrotoluene	N	N/A	N/A	N/A	N/A	D030	N/A	U105	N/A	N/A
Cresols	N	N/A	N/A	N/A	N/A	D026	F004	U052	N/A	N/A
Cresols (m)	N	N/A	N/A	N/A	N/A	D024 [k]	N/A	N/A	N/A	N/A
Cresols (o)	N	N/A	N/A	N/A	N/A	D023 [k]	N/A	N/A	N/A	N/A
Cresols (p)	N	N/A	N/A	N/A	N/A	D025 [k]	N/A	N/A	N/A	N/A
Hexachlorobenzene	N	N/A	N/A	N/A	N/A	D032	N/A	U127 [k]	N/A	N/A
Hexachlorobutadiene	N	N/A	N/A	N/A	N/A	D033	N/A	U128 [k]	N/A	N/A
Hexachloroethane	N	N/A	N/A	N/A	N/A	D034	N/A	U131 [k]	N/A	N/A
Nitrobenzene	N	N/A	N/A	N/A	N/A	D036	F004	U169 [k]	N/A	N/A
Pentachlorophenol	N	N/A	N/A	N/A	N/A	D037	F027 [k]	N/A	N/A	N/A
Pesticides and Herbicides (40 CFR Part 261)										
2,4,5-TP (Silvex)	N	N/A	N/A	N/A	N/A	D017 [k]	F027 [k]	N/A	N/A	N/A
2,4-D	N	N/A	N/A	N/A	N/A	D016 [k]	N/A	U240 [k]	N/A	N/A
Chlordane	N	N/A	N/A	N/A	N/A	D020 [k]	N/A	U036 [k]	N/A	N/A
Endrin	N	N/A	N/A	N/A	N/A	D012 [k]	N/A	P051 [k]	N/A	N/A
Heptachlor (and its epoxide)	N	N/A	N/A	N/A	N/A	D031 [k]	N/A	P059 [k]	N/A	N/A
Lindane	N	N/A	N/A	N/A	N/A	D013 [k]	N/A	U129 [k]	N/A	N/A
Methoxychlor	N	N/A	N/A	N/A	N/A	D014 [k]	N/A	U247 [k]	N/A	N/A
Toxaphene	N	N/A	N/A	N/A	N/A	D015 [k]	N/A	P123 [k]	N/A	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-OS-00-01.001

Compound	Suspected Present? (Y/N)	Suspected Concen-tration (ppm)	Used as a solvent? [a] (Y/N/NA)	Associated with packaging? (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Other Constituents										
Wastewater treatment sludges from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F006	N/A	N/A	N/A
Spent cyanide plating bath solutions from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F007	N/A	N/A	N/A
Spent cyanides stripping and cleaning bath solutions from electroplating operations	N	N/A	N/A	N/A	N/A	N/A	F009	N/A	N/A	N/A
Total PCB Concentration [l]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Additional EPA Hazardous Constituents (List)	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Additional State Hazardous Constituents [b] (List) [e]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Potentially Flammable VOCs (List) [e,f]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tentatively Identified Compounds (List) [e]	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Attachment 5 – Hazardous Constituents (continued)

Waste Stream Number: LA-OS-00-01.001

a Source: Title 40 Code of Federal Regulations Part 261, Identification and Listing of Hazardous Waste
b. Source: Cite applicable state regulation
c. Superscript not used
d. Can also be analyzed as a semivolatile organic compound
e. Add rows or attach additional sheets as necessary
f. Flammable VOCs included in the CH-TRAMPAC
g. Required only for homogeneous solids and soil/gravel from LANL and SRS
h. Required only for homogeneous solids and soil/gravel from ORNL and SRS
i. Antimony, nickel, thallium, vanadium, and zinc are included in Table C3-8 of CCP-PO-001 but are not regulated under 40 CFR Part 261, and therefore, are not subject to AK evaluation per CCP-PO-001.
j. Source: Title 40 Code of Federal Regulations Part 761, Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.
k. This EPA hazardous waste Number is not permitted for WIPP disposal.

NOTE: If any of the information requested on this form is not available or not applicable, enter N/A in the appropriate box.

Acceptable Knowledge Expert: Christopher Chancellor / Date: 07/18/2012
Print Sign

Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging

Site(s): Los Alamos National Laboratory

Waste Stream Description: Mixed Contaminated Soil from TA-21 DP West

Container ID Numbers: See CCP-TP-005, Attachment 8 for containers in this waste stream

Waste Stream Number: LA-MSG04.001	
Physical Waste Form (e.g., debris, solidified waste)	Soil/Gravel
Summary Category Group[a]	S4000
Waste Matrix Code Group[a]	Soils
Waste Matrix Code[b]	S4200
Waste Material Parameter Weights[c]	Estimated Waste Stream Weight Percent Average (attach evaluation justifying percentages)
Iron-based metals/alloys	5.15%
Aluminum-based metals/alloys	0.00%
Other metals	0.00%
Other inorganic materials	<1.00%
Cellulosics	0.00%
Rubber	0.00%
Plastics (waste materials)	0.89%
Organic matrix	0.00%
Inorganic matrix	<1.00%
Soils/Gravels	93.96%
Packaging Materials	Present (Y/N)?
Steel	Y
Plastics	Y
Prohibited Wastes[d,e,f,g]	Present (Y/N)?
Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of RTR or VE. Observable liquid shall be no more than 60 milliliters or 3 percent by volume, whichever is greater, in an internal container. Observable liquid shall not be present in a container with EPA HWN U134 assigned.	Y
Non-radionuclide pyrophoric materials	N
Sealed containers > 4 liters	Y
Hazardous waste not occurring as co-contaminants with TRU mixed waste (non-mixed hazardous waste)	N

NTPC RECORDS ORIGINAL
DATE REC'D 2/10/13

Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging (continued)

Waste Stream Number: LA-MSG04.001	
Explosives	N
Compressed gases	N
Residual hydrofluoric acid (if U134 assigned to stream)	N
Residual PCB liquids[j]	N
High plutonium content material/waste	N
Ignitables (EPA Hazardous Waste Number D001)	N
Corrosives (EPA Hazardous Waste Number D002)	N
Reactives (EPA Hazardous Waste Number D003)	N
Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes[h]	N
Spent nuclear fuel or high-level waste[i]	N
Any un-vented plastic bags > 4 liters that have been heat-sealed	N
Additional Information (if available)	Some containers may have up to two 5-mil to 12-mil plastic liner bags, twisted and taped closed. After 1995, up to two plastic liner bags could still be present, but are typically closed by folding, not by twisting and taping. Since 1997, plastic bags with filters are typically used. Remediated/repackaged waste may be packaged with or without a single plastic liner bag and include no liner, a fiberboard liner, or a 90-/125-mil rigid polyethylene liner without lid.
Packaging	
Waste container type?	DOT 7A, Type A 55-gallon drums, SWBs, and crates.
Liner type?	Some containers may have a 90-/125-mil rigid polyethylene liner with lid
Is liner punctured?	N (some liners may not be punctured)
Is filter vent installed?	N (some containers may not include filters)
Maximum number of confinement layers?	2

a. Source: *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (CCP-PO-001) Introduction.
b. Source: *Transuranic Waste Baseline Inventory Report* (DOE/CAO-95-1121) Table 1-2 or DOE Waste Treatability Group Guidance (DOE/LLW-217). Also see WIPP Hazardous Waste Permit Final Clarification Number CAO-00-061. Note: the waste matrix code should not be assigned at the summary category group level.
c. Source: CCP-PO-001 - Table C3-1. Attach the Waste Material Parameter Evaluation Memorandum used to estimate values include in this Table (see Section 4.4.27).
d. Source: CCP-PO-001 - Section C-1c
e. Source: *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WAC) (DOE/WIPP-02-3122), Section 3
f. Source: *TRUPACT-II Content Codes* (TRUCON) (DOE/WIPP 89-004)
g. Source: *TRUPACT-II Authorized Methods for Payload Control (TRAMPAC)*, Westinghouse TRU Solutions, LLC
h. This waste has been approved for disposal at the WIPP by the Permittee as documented by Appendix C1 of the WIPP RCRA Part B Permit Application and the Permittee's approval and assignment of the applicable TRUCON Codes for this waste stream.
i. Source: *Nuclear Waste Policy Act of 1982* (42 U.S.C. 10101)
j. Source: Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution and Commerce, and Use Prohibitions (40 CFR Part 761)

Acceptable Knowledge Expert: Michael Papp (Print) _____ (Sign) **Date:** 01/16/2013

Memorandum

To: CCP Records

From: Michael J. Papp, CCP AKE

Date: January 16, 2013

RE: Waste Material Parameter Analysis for Waste Stream LA-MSG04.001, Mixed Contaminated Soil from TA-21 DP West Facility

In accordance to *CCP Acceptable Knowledge Documentation*, CCP-TP-005, Revision 24, Section 4.4.27, Waste Material Parameters (WMP) shall be estimated on a weight percent basis for the waste stream, documenting the assumptions and justification for deriving the estimated WMPs.

To estimate the waste material parameters (WMPs) for waste stream LA-MSG04.001, WMP data were obtained from the Waste Data System (WDS), formerly known as the WIPP Waste Information System database. The WMP data were derived from RTR of this waste stream by the CCP TRU Waste Certification Program at LANL.

The WMPs for waste stream LA-MSG04.001 were estimated by reviewing the WDS data for five containers. The WDS data provides a weight for packaged waste materials, which were categorized into the following WMPs: iron-based metals/alloys, plastics, and soils/gravel. Although not identified in RTR data, WMPs other inorganic materials (e.g., concrete, insulation) and inorganic matrix (e.g., vermiculite) are expected to be present in this waste stream. Therefore, these WMPs are identified as being present and are listed at concentrations of less than one weight percent. Average, minimum, and maximum WMP weight percentages were calculated using this data, and the results of this analysis are presented in the table below, Waste Material Parameter Estimates for LA-MSG04.001.

Waste Material Parameter Estimates for LA-MSG04.001

WMP Description	Average Weight Percent	Weight Percent Range
Iron-Based Metals/Alloys	5.15%	3.53% - 8.53%
Aluminum-Based Metals/Alloys	0.00%	0.00% 0.00%
Other Metals	0.00%	0.00% - 0.00%
Other Inorganic Materials	<1.00%	0.00% - <1.00%
Cellulosics	0.00%	0.00% - 0.00%
Rubber	0.00%	0.00% - 0.00%
Plastic (waste materials)	0.89%	0.71% - 1.42%
Organic Matrix	0.00%	0.00% - 0.00%
Inorganic Matrix	<1.00%	0.00% - <1.00%
Soils/Gravel	93.96%	90.04% - 95.77%
Total Organic Waste Avg.	**0.89%**	
Total Inorganic Waste Avg.	**99.11%**	

Attachment 1 provides the calculations used to arrive at the average, minimum and maximum WMP weight percentages.

NDE Data
LA-MSG04.001
Lot 1

Attachment 1

Batch Data Report No.	Container	Cellulosics (kg)	Plastics (kg)	Rubber (kg)	Organic Matrix (kg)	Inorganic Matrix (kg)	Iron-based Metals (kg)	Aluminum-based Metals (kg)	Other Metals (kg)	Other Inorganics (kg)	Soils/gravel (kg)
LA-RTR2-11-0116	89891		1.0				5.0				135.8
LA-RTR2-11-0116	89892		1.0				5.0				84.3
LA-RTR2-11-0116	89983		1.0				8.0				120.3
LA-RTR2-11-0116	89984		1.0				5.0				125.3
LA-RTR2-11-0116	89987		1.0				6.0				63.3

NDE Data
LA-MSG04.001
Lot 1

Attachment 1

Batch Data Report No.	Container	Cellulosics Weight %	Plastics Weight %	Rubber Weight %	Organic Matrix Weight %	Inorganic Matrix Weight %	Iron-based Metals Weight %	Aluminum-based Metals Weight %	Other Metals Weight %	Other Inorganics Weight %	Soils/gravel Weight %
LA-RTR2-11-0116	89891		0.71%				3.53%				95.77%
LA-RTR2-11-0116	89892		1.11%				5.54%				93.36%
LA-RTR2-11-0116	89983		0.77%				6.19%				93.04%
LA-RTR2-11-0116	89984		0.76%				3.81%				95.43%
LA-RTR2-11-0116	89987		1.42%				8.53%				90.04%

Lot	1	Waste Stream Waste Material Parameter Weight Percent Lot Total								
Cellulosics	Plastics	Rubber	Organic Matrix	Inorganic Matrix	Iron-based Metals	Aluminum-based Metals	Other Metals	Other Inorganics	Soils/gravel
0.00%	0.89%	0.00%	0.00%	0.00%	5.15%	0.00%	0.00%	0.00%	93.96%

Supporting Documentation

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Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging Page 1 of 2

Site(s): Los Alamos National Laboratory (CCP-AK-LANL-08)

Waste Stream Description: Defense Sealed Sources
Container ID Numbers: See CCP-TP-005, Attachment 8 for containers in this waste stream

Waste Stream Number: LA-OS-00-01.001	
Physical Waste Form (e.g., debris, solidified waste)	Heterogeneous Debris Waste
Summary Category Group [a]	S5000
Waste Matrix Code Group [a]	Uncategorized Metals
Waste Matrix Code [b]	S5100
Waste Material Parameter Weights [c]	Estimated Waste Stream Weight Percent Average (attach evaluation justifying percentages)
Iron-based metals/alloys	85.0%
Aluminum-based metals/alloys	0.0%
Other metals	15.0%
Other inorganic materials	0.0%
Cellulosics	0.0%
Rubber	0.0%
Plastics (waste materials)	0.0%
Organic matrix	0.0%
Inorganic matrix	0.0%
Soils/Gravels	0.0%
Packaging Materials	Present (Y/N)?
Steel	Y
Plastics	Y
Prohibited Wastes [d,e,f,g]	Present (Y/N)?
Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of RTR or VE. Observable liquid shall be no more than 60 milliliters or 3 percent by volume, whichever is greater, in an internal container. Observable liquid shall not be present in a container with EPA HWN U134 assigned.	N
Non-radionuclide pyrophoric materials	N
Sealed containers > 4 liters	N
Hazardous waste not occurring as co-contaminants with TRU mixed waste (non-mixed hazardous waste)	N

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DATE REC'D 11-12-2012

Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging (continued)

Waste Stream Number: LA-OS-00-01.001	
Explosives	N
Compressed gases	N
Residual hydrofluoric acid (if U134 assigned to stream)	N/A
Residual PCB liquids [j]	N
Ignitables (EPA Hazardous Waste Number D001)	N
Corrosives (EPA Hazardous Waste Number D002)	N
Reactives (EPA Hazardous Waste Number D003)	N
Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes [h]	N
Spent Nuclear fuel or high-level waste [i]	N
Any un-vented plastic bags > 4 liters that have been heat-sealed	N
Additional Information (if available)	N/A
Packaging	
Waste container type?	55-gallon drum pipe overpack container
Liner type?	Rigid poly liner
Is liner punctured?	Y
Is filter vent installed?	Y
Maximum number of confinement layers	1

a. Source: *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (CCP-PO-001) Introduction.
b. Source: *Transuranic Waste Baseline Inventory Report* (DOE/CAO-95-1121) or DOE Waste Treatability Group Guidance (DOE/LLW-217). Note: the waste matrix code should not be assigned at the summary category group level.
c. Source: CCP-PO-001 – Table C3-1. Attach the Waste Material Parameter Evaluation Memorandum used to estimate values include in this Table (see Section 4.4.27).
d. Source: CCP-PO-001 – Section C-1c
e. Source: *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WAC)(DOE/WIPP-02-3122), Section 3
f. Source: *TRUPACT-II Content Codes* (TRUCON) (DOE/WIPP 89-004)
g. Source: *TRUPACT-II Authorized Methods for Payload Control (TRAMPAC)*, Washington TRU Solutions, LLC
h. This waste has been approved for disposal at the WIPP by the Permittee as documented by Appendix C1 of the WIPP RCRA Part B Permit Application and the Permittee's approval and assignment of the applicable TRUCON Codes for this waste stream.
i. Source: *Nuclear Waste Policy Act of 1982* (42 U.S.C. 10101)
j. Source: Polychlorinated Biphenyls (PCBs) manufacturing, Processing, Distribution and Commerce, and Use Prohibitions (40 CFR 761)

Acceptable Knowledge Expert: Christopher Chancellor / _____ Date: 07/18/2012
Print Sign

MEMORANDUM TO CCP CENTRAL RECORDS

FROM: Christopher J. Chancellor
Date: July 31, 2012
RE: *Waste Material Parameter Evaluation for the Mixed Waste Sealed Sources of Waste Stream LA-OS-00-01.001*

In accordance with *CCP Acceptable Knowledge Documentation*, CCP-TP-005, Revision 24, Waste Material Parameters (WMP) shall be estimated on a weight percent basis for the waste stream, documenting the assumptions and justification for deriving the estimated WMP.

The waste material parameter weight estimates for waste stream LA-OS-00-01.001 are 85% iron-based metal/alloys and 15% other metals (Table 1. Waste Stream LA-OS-00-01.001 Waste Material Parameter Estimates). These estimates come from the assumption that the sources that fall into the LA-OS-00-01.001 and LA-OS-00-04 waste streams are comprised of only those two material types. The packaging procedure CCP-TP-069 (Reference P001) recognizes that there are no non-packaging items placed in the container other than the sources. Metal composition of the sources is exemplified in the IAEA Certificate of Competent Authority which has been issued for the OSRP SFCs (Reference M145). The majority of the sources are in stainless steel capsules, which dominates the waste weight. The minor component, "other metals," is comprised of the metal oxides of the transuranic elements, beryllium, cadmium plating, lead holders, and the non-iron based capsules.

Waste Stream LA-OS-00-01.001 is identical in physical form to waste stream LA-OS-00-04 with the exception of the application of HWNs D006 and D008 (lead and cadmium) assigned to LA-OS-00-04. Therefore, it can be concluded that waste stream LA-OS-00-01.001 is 85.0% iron-based metals/alloys and 15% other metals as estimated for waste stream LA-OS-00-04.

In accordance with CCP-TP-005, this memorandum will be included with the most current version of Attachment 6, *Waste Form, Waste Material Parameters, Prohibited Items, and Packaging* for waste stream LA-OS-00-01.001.

Table 1. Waste Stream LA-OS-00-01.001 Waste Material Parameter Estimates

Waste Material Parameter	Estimated Weight Percent	Weight Percent Range
Iron-based Metals/Alloys	85.0 %	0 – 99.9%
Aluminum-based Metals/Alloys	0.0 %	0 – 0 %
Other Metals	15.0 %	0.1 – 100 %
Other Inorganic Materials	0.0 %	0 – 0 %
Cellulosics	0.0 %	0 – 0 %
Rubber	0.0 %	0 – 0 %
Plastic (waste materials)	0.0 %	0 – 0 %
Soils/Gravel	0.0 %	0 – 0 %
Organic Matrix	0.0 %	0 – 0 %
Inorganic Matrix	0.0 %	0 – 0 %
Total Organic Waste Avg.	**0.0 %**	
Total Inorganic Waste Avg.	**100 %**	

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Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging

Site(s): Los Alamos National Laboratory

Waste Stream Description: TA-55 Mixed Heterogeneous Debris

Container ID Numbers: See CCP-TP-005, Attachment 8 for containers in this waste stream

Waste Stream Number: LA-MHD01.001	
Physical Waste Form (e.g., debris, solidified waste)	Debris
Summary Category Group [a]	S5000
Waste Matrix Code Group [a]	Heterogeneous Debris Waste
Waste Matrix Code [b]	S5400
Waste Material Parameter Weights [c]	Estimated Waste Stream Weight Percent Average (attach evaluation justifying percentages)
Iron-based metals/alloys	42.05%
Aluminum-based metals/alloys	0.17%
Other metals	5.04%
Other inorganic materials	27.27%
Cellulosics	3.48%
Rubber	5.22%
Plastics (waste materials)	16.10%
Organic matrix	0.00%
Inorganic matrix	0.67%
Soils/Gravels	0.00%
Packaging Materials	Present (Y/N)?
Steel	Y
Plastics	Y
Prohibited Wastes [d,e,f,g]	Present (Y/N)?
Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of RTR or VE. Observable liquid shall be no more than 60 milliliters or 3 percent by volume, whichever is greater, in an internal container. Observable liquid shall not be present in a container with EPA HWN U134 assigned.	Y
Non-radionuclide pyrophoric materials	N
Sealed containers > 4 liters	Y
Hazardous waste not occurring as co-contaminants with TRU mixed waste (non-mixed hazardous waste)	N
Explosives	N

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DATE REC'D 6-17-14

Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging (continued)

Waste Stream Number: LA-MHD01.001	
Compressed gases	Y (unpunctured aerosol cans)
Residual hydrofluoric acid (if U134 assigned to stream)	N
Residual PCB liquids [j]	N
Ignitables (EPA Hazardous Waste Number D001)	N
Corrosives (EPA Hazardous Waste Number D002)	N
Reactives (EPA Hazardous Waste Number D003)	N
Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes [h]	N
Spent Nuclear fuel or high-level waste [i]	N
Any un-vented plastic bags > 4 liters that have been heat-sealed	N
Additional Information (if available)	Some containers may have up to two 5-mil to 12-mil plastic liner bags, twist and taped closed with tape. After 1995, up to two plastic liner bags could still be present, but are typically closed by folding, not by twisting and taping. Since 1997, plastic bags with filters are typically used. Remediated/repackaged waste may be packaged with or without a single plastic liner bag and include no liner, a fiberboard liner, a POC, or a 90-/125-mil rigid polyethylene liner without lid.
Packaging	
Waste container type?	DOT 7A, Type A 55-gallon drum. Additional containers include 30-gallon drum, 55-gallon drum with POC, 85-gallon drum, 110-gallon drum, standard waste box, ten drum overpacks, and others (e.g., crates)
Liner type?	90-mil or 125-mil rigid plastic liner in lieu of plastic liner bags in some drums
Is liner punctured?	N (some liners may not be punctured)
Is filter vent installed?	N (some containers may not include filters)
Maximum number of confinement layers	6

a. Source: *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (CCP-PO-001) Introduction.
b. Source: *Transuranic Waste Baseline Inventory Report* (DOE/CAO-95-1121) or DOE Waste Treatability Group Guidance (DOE/LLW-217). Note: the waste matrix code should not be assigned at the summary category group level.
c. Source: CCP-PO-001 – Table C3-1. Attach the Waste Material Parameter Evaluation Memorandum used to estimate values include in this Table (see Section 4.4.27).
d. Source: CCP-PO-001 – Section C-1c
e. Source: *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WAC) (DOE/WIPP-02-3122), Section 3
f. Source: *TRUPACT-II Content Codes* (TRUCON) (DOE/WIPP 89-004)
g. Source: *TRUPACT-II Authorized Methods for Payload Control (TRAMPAC), Nuclear Waste Partnership*, LLC
h. This waste has been approved for disposal at the WIPP by the Permittee as documented by Appendix C1 of the WIPP RCRA Part B Permit Application and the Permittee's approval and assignment of the applicable TRUCON Codes for this waste stream.
i. Source: *Nuclear Waste Policy Act of 1982* (42 U.S.C. 10101)
j. Source: Polychlorinated Biphenyls (PCBs) manufacturing, Processing, Distribution and Commerce, and Use Prohibitions (40 CFR 761)

Acceptable Knowledge Expert: Michael J. Papp (Print) / M J Papp (Sign) Date: 01/02/2014

To: CCP Records

From: Steve Schafer, CCP AKE 12/13/2011

Memorandum

Date: October 15, 2006

RE: Waste Material Parameter Analysis for Waste Stream LA-MHD01.001, LANL TA-55 Mixed Heterogeneous Debris Waste

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In accordance to *CCP Acceptable Knowledge Documentation*, CCP-TP-005, Revision 18, Section 4.4.24, Waste Material Parameters (WMP) shall be estimated on a weight percent basis for the waste stream, documenting the assumptions and justification for deriving the estimated WMP.

To estimate the WMP for waste stream LA-MHD01.001, WMP data was obtained from the WIPP Waste Information System (WWIS) database as of October 3, 2006. The WMP data were derived from real-time radiography (RTR) and visual examination (VE) of this waste stream by the Central Characterization Project (CCP) TRU Waste Certification Program (TWCP) at the Los Alamos National Laboratory (LANL) (waste stream profiles LA-MHD01.001 and LA-MHD02.001). In cases where WWIS data included both RTR and VE data for the same container, only the VE data was included in this assessment.

The WMPs for waste stream LA-MHD01.001 were estimated by reviewing WWIS WMP data for 1,917 55-gallon drums packaged from December 1979 to June 2004. The current total number of containers in CCP waste stream LA-MHD01.001 is 10,391 containers (LANL AK Tracking Spreadsheet, 10/10/06). The 1,917 containers represent over 18% of the current waste stream. The closure dates for the 10,392 containers in CCP waste stream LA-MHD01.001 range from November 1979 to February 2006. Therefore, it is assumed that the WMP data for the 1,917 containers are representative of CCP waste stream LA-MHD01.001 as a whole. Average, minimum, and maximum WMP weight percentages were calculated using the WWIS data. The results of this analysis are presented in the following table. The WWIS raw data and calculations are provided electronically in Microsoft Excel.

WMP Description	Average Weight Percent	Weight Percent Range
1 - IRON BASE METAL ALLOYS	42.05%	0.00% - 100.00%
2 - ALUMINUM BASE METAL/ALLOYS	0.17%	0.00% - 77.51%
3 - OTHER METAL/ALLOYS	5.04%	0.00% - 91.45%
4 - OTHER INORGANIC MATERIALS	27.27%	0.00% - 100.00%
6 – CELLULOSICS	3.48%	0.00% - 95.86%
7 – RUBBER	5.22%	0.00% - 98.67%
8 – PLASTICS	16.10%	0.00% - 100.00%
9 - SOLIDIFIED INORGANIC MATERIAL	0.67%	0.00% - 72.48%
TOTAL INORGANIC	75.20%	
TOTAL ORGANIC	24.80%	

WST_STRM_ PROFILE	METHOD	CNTR_NUM	Generation Date	GROSS_ WEIGHT	MAT_PARM 1 Kg	MAT_PARM 2 Kg	MAT_PARM 3 Kg	MAT_PARM 4 Kg	MAT_PARM 6 Kg	MAT_PARM 7 Kg	MAT_PARM 8 Kg	MAT_PARM 9 Kg	MAT_PARM 10 Kg	MAT_PARM 12 Kg	Total West WL Kg
LA-MHD01.001	11RR2	LA00000059270	12/19/1979	69.6	16.5	0	3	0	2	8	12.4	0	0	0	41.9
LA-MHD01.001	11RR2	LAS793729	12/19/1979	59	28	0	0	0	0	0	3.3	0	0	0	31.3
LA-MHD01.001	11RR2	LAS793774	12/19/1979	79.6	0.5	0	0	1	24	3	17	0	0	0	45.5
LA-MHD01.001	11RR2	LA00000060849	02/05/1980	53	4	0	2	6.9	0	0	6	0	0	0	18.9
LA-MHD01.001	11RR2	LA00000058839	02/15/1980	39.2	1	0	0	0	1	6.5	3	0	0	0	11.5
LA-MHD01.001	11RR2	LA00000058840	02/15/1980	39.2	0	0	0	0	0	4	7.5	0	0	0	11.5
LA-MHD01.001	11RR2	LA00000058841	02/15/1980	34.2	0	0	0	0	0	0	6.5	0	0	0	6.5
LA-MHD01.001	11RR2	LA00000058842	02/15/1980	34	0	0	0	0	0	0	6.3	0	0	0	6.3
LA-MHD01.001	11RR2	LA00000058843	02/15/1980	35.6	0	0	1	0	0	0	6.9	0	0	0	7.9
LA-MHD01.001	11RR2	LA00000058844	02/15/1980	38.9	1.8	0	0	0	0	0	3	0	0	0	4.8
LA-MHD01.001	11RR2	LAS802565	02/15/1980	60	0.3	0	0	3	11	0	18	0	0	0	32.3
LA-MHD01.001	11RR2	LAS802626	02/15/1980	64	15	0	9	0	0	5	7.3	0	0	0	36.3
LA-MHD01.001	11RR2	LAS803597	02/15/1980	82	16	0	0	32	0	0	6.3	0	0	0	54.3
LA-MHD01.001	11RR2	LAS803617	02/15/1980	49.5	5	0	0	0	2	10	4.6	0	0	0	21.6
LA-MHD01.001	11RR2	LAS803619	02/15/1980	69.6	15	0	0	23	0	0	3.9	0	0	0	41.9
LA-MHD01.001	11RR2	LAS802667	03/26/1980	66.5	15	0	0	5	10	0	8.8	0	0	0	38.8
LA-MHD01.001	11RR2	LAS802668	03/26/1980	32.4	0	0	0	0	0	0	4.7	0	0	0	4.7
LA-MHD01.001	11RR2	LAS802684	03/26/1980	84	30	0	0	20	0	0	6.3	0	0	0	56.3
LA-MHD01.001	11RR2	LAS802730	04/10/1980	82.5	0	0	5	30	0	10	9.8	0	0	0	54.8
LA-MHD01.001	11RR2	LAS802770	05/20/1980	78	0	0	0	20	0	20	10.3	0	0	0	50.3
LA-MHD01.001	11RR2	LAS802790	05/20/1980	42.2	0	0	0	0	13.9	0	0.6	0	0	0	14.5
LA-MHD01.001	11RR2	LA00000060847	05/21/1980	53.8	11.7	0	1	2	3	0	2	0	0	0	18.7
LA-MHD01.001	11RR2	LA00000060822	06/19/1980	72	3	0	0	1	0	20	13.9	0	0	0	37.9
LA-MHD01.001	11RR2	LA00000061041	06/18/1980	62	23	0	1	0	0	0	3.9	0	0	0	27.9
LA-MHD01.001	11RR2	LAS802922	06/19/1980	81	25	0	2	6	6	0	7.9	0	0	0	46.9
LA-MHD01.001	11RR2	LAS802941	06/18/1980	50	1	0	0	2	0	2.3	17	0	0	0	22.3
LA-MHD01.001	11RR2	LA00000057560	07/15/1980	80.5	27	0	8	3	0	0	8.4	0	0	0	46.4
LA-MHD01.001	11RR2	LA00000060466	07/28/1980	111.2	30	0	20	21	2	0	4.1	0	0	0	77.1
LA-MHD01.001	11RR2	LAS803029	07/28/1980	72.8	1	0	0	29	3	0	5.7	0	0	0	38.7
LA-MHD01.001	11RR2	LA00000061098	09/18/1980	67	22	0	0	3	2	0	5.9	0	0	0	32.9
LA-MHD01.001	11RR2	LAS802971	09/18/1980	75	29	0	0	8	2	0	3.9	0	0	0	40.9
LA-MHD01.001	11RR2	LAS803092	09/18/1980	91.5	22	0	4	8	1	15	7.4	0	0	0	57.4
LA-MHD01.001	11RR2	LAS803109	09/18/1980	61	17	0	0	13	0	0	3.3	0	0	0	33.3
LA-MHD01.001	11RR2	LAS803110	09/18/1980	98	15	0	0	39.9	0	0	5.4	0	0	0	60.3
LA-MHD01.001	11RR2	LAS803159	09/18/1980	59.2	17	0	0	0	6	0	2.1	0	0	0	25.1
LA-MHD01.001	11RR2	LAS804967	12/03/1980	65.1	2	0	0	1	0	15	13	0	0	0	31
LA-MHD01.001	11RR2	LAS804976	12/03/1980	108	16	0	0	56	0	0	6.3	0	0	0	60.3
LA-MHD01.001	11RR2	LAS804978	12/04/1980	73	18	0	0	24	0	0	3.3	0	0	0	45.3
LA-MHD01.001	11RR2	LA00000060461	01/06/1981	63.9	17	0	0	3	6	0	3.8	0	0	0	29.8
LA-MHD01.001	11RR2	LAS814893	01/06/1981	65.4	18.7	0	1	0	0	10	8	0	0	0	37.7
LA-MHD01.001	11RR2	LAS814894	01/06/1981	77.6	22	0	8	10	0	0	9.9	0	0	0	49.8
LA-MHD01.001	11RR2	LAS815128	01/06/1981	60	28	0	2	0	0	0	2.3	0	0	0	32.3
LA-MHD01.001	11RR2	LA00000060820	01/07/1981	75.5	10	0	15	0	0	9	7.4	0	0	0	41.4
LA-MHD01.001	11RR2	LA00000060826	01/07/1981	54.5	0	0	0	0	6.4	0	14	0	0	0	20.4
LA-MHD01.001	11RR2	LAS815156	01/07/1981	60	28	0	0	0	0	0	4.3	0	0	0	32.3
LA-MHD01.001	11RR2	LAS815164	01/07/1981	104.5	18	0	3	52	0	0	3.8	0	0	0	76.8
LA-MHD01.001	11RR2	LAS813577	02/10/1981	61	1	0	0	14.3	8	0	10	0	0	0	33.3
LA-MHD01.001	11RR2	LAS813585	02/10/1981	56	0	0	0	0	15	5	8.3	0	0	0	28.3

LA-MHD01.001	11RR2	LA00000060850	02/11/1981	58	3	0	0	2	8.9	0	10	0	0	0	23.9
LA-MHD01.001	11RR2	LA00000060851	02/11/1981	48.5	4	0	1	2	3	0	4.4	0	0	0	14.4
LA-MHD01.001	11RR2	LAS811793	02/11/1981	72	15	0	0	0	3	16.3	10	0	0	0	44.3
LA-MHD01.001	11RR2	LAS811700	03/16/1981	44.4	2	0	2	0	1	0	11.7	0	0	0	16.7
LA-MHD01.001	11RR2	LAS811765	03/17/1981	47.5	1	0	0	0	12	0	6.8	0	0	0	19.8
LA-MHD01.001	11RR2	LA00000060823	04/06/1981	57.5	10	0	0	0	0	9	4.4	0	0	0	23.4
LA-MHD01.001	11RR1	LAS811664	04/06/1981	40.1	6	0	0	0	3	0	3.4	0	0	0	12.4
LA-MHD01.001	11RR2	LAS811874	04/06/1981	66.2	27.5	0	1	1	7	0	2	0	0	0	38.5
LA-MHD01.001	11RR2	LA00000060876	05/05/1981	63	15	0	6	0	5	0	2.9	0	0	0	28.9
LA-MHD01.001	11RR2	LAS811918	05/05/1981	100	18	0	0	51	0	0	3.3	0	0	0	72.3
LA-MHD01.001	11RR2	LAS813293	05/05/1981	74.9	10	0	2	1	20	3	11.2	0	0	0	47.2
LA-MHD01.001	11RR2	LAS813313	05/05/1981	87	16	0	0	38	0	0	5.3	0	0	0	59.3
LA-MHD01.001	11RR2	LA00000060856	06/02/1981	66.4	2	0	0	5	5	4	22.7	0	0	0	38.7
LA-MHD01.001	11RR2	LA00000060870	06/02/1981	59.2	4	0	0	0.2	17.3	0	10	0	0	0	31.5
LA-MHD01.001	11RR2	LAS813466	06/02/1981	43.5	1	0	1	5	0	3	5.8	0	0	0	15.8
LA-MHD01.001	11RR2	LAS813477	06/02/1981	78	17	0	5	25	0	0	3.3	0	0	0	50.3
LA-MHD01.001	11RR2	LAS813480	06/02/1981	46.5	5	0	0	5	5	0	3.8	0	0	0	18.8
LA-MHD01.001	11RR2	LAS813608	06/02/1981	49	0	0	0	6	7	3	5.3	0	0	0	21.3
LA-MHD01.001	11RR2	LAS813626	06/02/1981	59.5	3	0	0	0	16	2	10.8	0	0	0	31.8
LA-MHD01.001	11RR2	LA00000060842	07/07/1981	42	0	0	0	1	2	2.6	8.7	0	0	0	14.3
LA-MHD01.001	11RR1	LAS813669	07/07/1981	51.5	4	0	0	8	0	4	7.8	0	0	0	23.8
LA-MHD01.001	11RR2	LAS816303	07/07/1981	83	48	0	2	0	2	0	3.3	0	0	0	55.3
LA-MHD01.001	11RR2	LAS816306	07/07/1981	71.4	17	0	0	3	0	9	8.3	0	0	0	37.3
LA-MHD01.001	11RR2	LAS816320	07/07/1981	55	3	0	2	0	0	12.3	10	0	0	0	27.3
LA-MHD01.001	11RR2	LAS816453	08/04/1981	46.5	1	0	0	2	10	0	5.8	0	0	0	18.8
LA-MHD01.001	11RR1	LAS816335	08/05/1981	64.8	34	0	0	0	0	0	3.1	0	0	0	37.1
LA-MHD01.001	11RR2	LAS816353	08/05/1981	106	18	0	0	57	0	0	3.3	0	0	0	78.3
LA-MHD01.001	11RR1	LAS816395	08/05/1981	74.3	8	0	2	2	0	30	4.6	0	0	0	46.6
LA-MHD01.001	11RR2	LAS816212	08/09/1981	46.5	4	0	0	0	10	0	4.8	0	0	0	18.8
LA-MHD01.001	11RR2	LAS816487	08/10/1981	49.5	7	0	0	0	10	0	4.8	0	0	0	21.8
LA-MHD01.001	11RR2	LAS817428	08/10/1981	42.6	0	0	0	0	4.9	0	10	0	0	0	14.9
LA-MHD01.001	11RR2	LAS816716	08/29/1981	57	8	0	0	0	13	3	5.3	0	0	0	29.3
LA-MHD01.001	11RR2	LAS816732	08/29/1981	91	15	0	0	45	0	0	3.3	0	0	0	63.3
LA-MHD01.001	11RR2	LAS816756	08/29/1981	41.6	4	0	2	0	3	0	4.9	0	0	0	13.9
LA-MHD01.001	11RR2	LAS816775	08/29/1981	49	3	0	0	0	10	0	8.3	0	0	0	21.3
LA-MHD01.001	11RR2	LAS816831	11/03/1981	44.5	10	0	0	0	1	0	5.8	0	0	0	16.8
LA-MHD01.001	11RR2	LAS816884	11/03/1981	61.8	2	0	0	1	1	10	20.1	0	0	0	34.1
LA-MHD01.001	11RR2	LAS816898	11/03/1981	113	15	0	0	66	0	0	4.3	0	0	0	65.3
LA-MHD01.001	11RR2	LAS816945	11/03/1981	51	4	0	0	0	16	0	3.3	0	0	0	23.3
LA-MHD01.001	11RR2	LAS816826	11/04/1981	72	1	0	2	0	0	22	19.3	0	0	0	44.3
LA-MHD01.001	11RR2	LAS816830	11/04/1981	78.5	40	0	0	0	0	0	4.4	0	0	0	44.4
LA-MHD01.001	11RR2	LAS816864	11/04/1981	114	18	0	0	65	0	0	3.3	0	0	0	86.3
LA-MHD01.001	11RR2	LA00000060463	12/01/1981	82.6	30	0	0	12.9	2	0	10	0	0	0	54.9
LA-MHD01.001	11RR2	LAS818262	12/01/1981	40.9	0	0	0	5	3	0	5.2	0	0	0	13.2
LA-MHD01.001	11RR2	LAS818319	12/01/1981	69	28	0	0	6	0	3	4.3	0	0	0	41.3
LA-MHD01.001	11RR2	LAS818350	12/01/1981	97	10	0	0	30	0	20	2.9	0	0	0	62.9
LA-MHD01.001	11RR2	LAS818355	12/01/1981	53.9	1	0	0	0	5	18	2.2	0	0	0	26.2
LA-MHD01.001	11RR2	LA00000059263	12/02/1981	57.8	23.6	0	0	2	0	0.5	4	0	0	0	30.1
LA-MHD01.001	11RR2	LA00000060467	12/02/1981	60.4	2	0	0	0	0	0	7	23.7	0	0	32.7
LA-MHD01.001	11RR2	LAS818266	12/02/1981	37	2	0	0	0	0	0	1	6.3	0	0	9.3
LA-MHD01.001	11RR2	LAS818267	12/02/1981	68.5	20	0	0	18	0	0	3.8	0	0	0	41.8
LA-MHD01.001	11RR2	LAS818268	12/02/1981	64.6	15	0	0	3	1	0	17.9	0	0	0	38.9
LA-MHD01.001	11RR2	LAS818291	12/02/1981	54	3	0	1	0.3	0	6	16	0	0	0	26.3

LA-MHD01.001	11RR2	LA00000060469	12/29/1981	88.5	25	0	5	10	0	10	4.4	0	0	0	54.4
LA-MHD01.001	11RR2	LAS818391	12/29/1981	35.6	1	0	1	1	0	0	4.9	0	0	0	7.9
LA-MHD01.001	11RR2	LAS818407	12/29/1981	104.3	5	0	1	48.2	0	8	8	0	0	0	70.2
LA-MHD01.001	11RR2	LAS818408	12/29/1981	53.4	10	0	0	6	4	0	5.7	0	0	0	25.7
LA-MHD01.001	11RR2	LA00000059100	02/09/1982	59.4	12	0	0	1	0	0	18.7	0	0	0	31.7
LA-MHD01.001	11RR2	LAS822557	02/09/1982	79.2	2	0	0	47.5	0	0	2	0	0	0	51.5
LA-MHD01.001	11RR2	LAS822755	02/09/1982	87	51	0	3	0	0	0	5.3	0	0	0	59.3
LA-MHD01.001	11RR2	LAS822758	02/09/1982	38.5	1	0	0	0	0	1	2.4	0	0	0	4.4
LA-MHD01.001	11RR2	LAS822592	02/16/1982	48.5	3	0	1	0	14	0	2.8	0	0	0	20.8
LA-MHD01.001	11RR2	LAS822610	02/16/1982	68.8	9	0	0	22	0	0	3.7	0	0	0	34.7
LA-MHD01.001	11RR2	LAS822624	02/16/1982	51.5	5	0	0	8	0	0	3.4	0	0	0	16.4
LA-MHD01.001	11RR2	LAS822625	02/16/1982	49	1	0	0	0	5	0	15.3	0	0	0	21.3
LA-MHD01.001	11RR2	LAS822786	03/10/1982	40.8	7	0	0	0	0	3	3.1	0	0	0	13.1
LA-MHD01.001	11RR2	LAS822798	03/10/1982	50.5	10	0	1	0	9	0	2.8	0	0	0	22.8
LA-MHD01.001	11RR2	LAS822830	03/10/1982	57.5	7	0	0	1	1	10.8	10	0	0	0	29.8
LA-MHD01.001	11RR2	LAS822839	03/10/1982	42.6	6	0	0	1	4.9	0	3	0	0	0	14.9
LA-MHD01.001	11RR2	LAS822889	04/05/1982	89	18	0	0	36	0	4	3.3	0	0	0	61.3
LA-MHD01.001	11RR2	LAS822910	04/05/1982	45.5	4	0	3	2	3	0	5.8	0	0	0	17.8
LA-MHD01.001	11RR2	LAS822912	04/05/1982	74.7	10	0	0	27	0	0	3.6	0	0	0	40.6
LA-MHD01.001	11RR2	LAS822921	04/05/1982	103.2	38	0	0	20	2.5	8	7	0	0	0	75.5
LA-MHD01.001	11RR2	LAS822937	04/05/1982	83.5	25	0	0	15	0	12	3.8	0	0	0	55.8
LA-MHD01.001	11RR2	LAS822984	04/05/1982	77.5	18	0	0	26	0	0	5.8	0	0	0	49.8
LA-MHD01.001	11RR2	LA00000061024	05/17/1982	84	44.9	0	1	0	0	0	4	0	0	0	49.9
LA-MHD01.001	11RR2	LA00000061152	05/17/1982	105	55	0	0	5	0	0	10.9	0	0	0	70.9
LA-MHD01.001	11RR2	LAS823169	05/17/1982	56.5	18	0	0	0	0	0	3.4	0	0	0	21.4
LA-MHD01.001	11RR2	LAS823202	05/17/1982	53	10	0	5	0	0	5	5.3	0	0	0	25.3
LA-MHD01.001	11RR2	LAS823207	05/17/1982	65.8	30.1	0	0	1	0	0	7	0	0	0	38.1
LA-MHD01.001	11RR2	LAS823056	05/18/1982	55.6	0	0	0	0	10	0	17.9	0	0	0	27.9
LA-MHD01.001	11RR2	LAS823067	05/18/1982	81	18	0	0	32	0	0	3.3	0	0	0	53.3
LA-MHD01.001	11RR2	LAS823072	05/18/1982	46.5	6	0	2	1	6	0	3.8	0	0	0	18.8
LA-MHD01.001	11RR2	LAS823088	05/18/1982	65	33	0	0	0	0	0	4.3	0	0	0	37.3
LA-MHD01.001	11RR2	LAS823115	05/18/1982	49.5	18	0	0	0	0	0	3.8	0	0	0	21.8
LA-MHD01.001	11RR2	LAS823131	05/18/1982	52	2	0	0	0	15	5	2.3	0	0	0	24.3
LA-MHD01.001	11RR2	LAS823146	05/18/1982	75.5	35	0	1	0	0	7	4.8	0	0	0	47.8
LA-MHD01.001	11RR2	LAS823152	05/18/1982	51.5	4	0	0	0	1	8	10.8	0	0	0	23.8
LA-MHD01.001	11RR2	LA00000061148	06/15/1982	96	14	0	6	1	2	34	4.9	0	0	0	61.9
LA-MHD01.001	11RR2	LAS821213	06/15/1982	108	18	0	0	59	0	0	3.3	0	0	0	80.3
LA-MHD01.001	11RR2	LAS821217	06/15/1982	116.2	20	0	2	57	0	0	3.1	0	0	0	82.1
LA-MHD01.001	11RR2	LAS823285	06/15/1982	106.2	12	0	0	57	0	0	3.1	0	0	0	72.1
LA-MHD01.001	11RR2	LAS823309	06/15/1982	79.5	42	0	0	0	0	5	4.8	0	0	0	51.8
LA-MHD01.001	11RR2	LAS823318	06/15/1982	58.5	10	0	10	0	4	0	6.8	0	0	0	30.8
LA-MHD01.001	11RR2	LAS824055	06/15/1982	98.5	10	0	7	44	0	0	3.4	0	0	0	64.4
LA-MHD01.001	11RR2	LAS824087	07/07/1982	128.5	47	0	4	40	0	0	3.4	0	0	0	94.4
LA-MHD01.001	11RR2	LAS824096	07/07/1982	89.6	12	0	10	28	0	0	5.5	0	0	0	55.5
LA-MHD01.001	11RR2	LAS824112	07/07/1982	68.1	4	0	0	26.8	0	0	3.2	0	0	0	34
LA-MHD01.001	11RR2	LAS824115	07/07/1982	61	8	0	0	0	0	12	12.3	1	0	0	33.3
LA-MHD01.001	11RR2	LAS824116	07/07/1982	76	44	0	0	0	0	0	4.3	0	0	0	48.3
LA-MHD01.001	11RR2	LAS824126	07/07/1982	43.4	1	0	0	2	3	1	8.7	0	0	0	15.7
LA-MHD01.001	11RR2	LAS824131	07/07/1982	60	20	0	4	0	0	5	3.3	0	0	0	32.3
LA-MHD01.001	11RR2	LAS824411	09/01/1982	108.4	22	0	2	51	0	0	3.7	0	0	0	78.7
LA-MHD01.001	11RR2	LAS824417	09/01/1982	39	2	0	0	0	5	0	4.3	0	0	0	11.3
LA-MHD01.001	11RR2	LAS824426	09/01/1982	46.5	2	0	0	2	10	0	4.8	0	0	0	18.8
LA-MHD01.001	11RR2	LAS824467	09/01/1982	80.2	18	0	1	29.5	0	0	4	0	0	0	52.5

LA-MHD01.001 11RR2	LAS824505	09/01/1982	113	18	0	0	62	0	0	5.3	0	0	0	85.3
LA-MHD01.001 11RR2	LAS824529	09/01/1982	60.8	11.1	0	0	3	5	6	8	0	0	0	33.1
LA-MHD01.001 11RR2	LA00000059101	09/02/1982	96.6	50	0	0	0	0	0	8.9	0	0	0	68.9
LA-MHD01.001 11RR2	LA00000061125	09/02/1982	54.5	3	7	0	0	4	0	6.4	0	0	0	20.4
LA-MHD01.001 11RR2	LAS824160	09/02/1982	39.6	4	0	0	0	3	0	4.9	0	0	0	11.9
LA-MHD01.001 11RR2	LAS824204	09/02/1982	93.8	20	0	1	40.1	0	0	5	0	0	0	66.1
LA-MHD01.001 11RR2	LAS824206	09/02/1982	93	18.3	0	12	20	0	10	7	0	0	0	65.3
LA-MHD01.001 11RR2	LAS824212	09/02/1982	55.2	4	0	0	0	4	6	13.5	0	0	0	27.5
LA-MHD01.001 11RR2	LAS824214	09/02/1982	96.4	43.7	0	5	0	0	0	20	0	0	0	68.7
LA-MHD01.001 11RR2	LAS824231	09/02/1982	90.2	5	0	0	47	0	0	4.1	0	0	0	56.1
LA-MHD01.001 11RR2	LAS824232	09/02/1982	132	65.3	0	1	0	2	28	8	0	0	0	104.3
LA-MHD01.001 11RR2	LAS824235	09/02/1982	120	87.3	0	0	0	0	0	5	0	0	0	92.3
LA-MHD01.001 11RR2	LAS824408	09/02/1982	121.7	20	0	0	64	0	0	3.6	0	0	0	87.6
LA-MHD01.001 11RR2	LAS824442	09/02/1982	46	5	0	0	1	8	0	4.3	0	0	0	18.3
LA-MHD01.001 11RR2	LAS824443	09/02/1982	47	10	0	0	0	5	0	4.3	0	0	0	19.3
LA-MHD01.001 11RR2	LAS824155	10/05/1982	99.2	17	0	1	49.5	0	0	4	0	0	0	71.5
LA-MHD01.001 11VE1	LAS824175	10/05/1982	84.3	4.5	0	0	39.5	0	0	3.2	0	0	0	47.2
LA-MHD01.001 11RR2	LAS824190	10/05/1982	95.8	15	0	0	43.7	0	0	3	0	0	0	61.7
LA-MHD01.001 11RR2	LAS824560	10/05/1982	119.4	10	0	15	55	0	0	5.3	0	0	0	85.3
LA-MHD01.001 11RR2	LAS824573	10/05/1982	92	17	0	0	43	0	0	4.3	0	0	0	64.3
LA-MHD01.001 11RR2	LAS824591	10/05/1982	126.8	5	0	0	80	0	0	7.7	0	0	0	92.7
LA-MHD01.001 11RR2	LAS824619	10/05/1982	109.7	12	0	2	58	0	0	3.6	0	0	0	75.6
LA-MHD01.001 11RR2	LAS824589	11/04/1982	72.2	5	0	0	15	12.5	0	12	0	0	0	44.5
LA-MHD01.001 11RR2	LAS824630	11/04/1982	111.3	13	0	25	35	0	0	4.2	0	0	0	77.2
LA-MHD01.001 11RR2	LAS824600	11/10/1982	114	17	0	6.3	60	0	0	3	0	0	0	86.3
LA-MHD01.001 11RR2	LAS824632	11/10/1982	64	4	0	0	18	8.3	0	8	0	0	0	36.3
LA-MHD01.001 11RR2	LAS824639	11/10/1982	50.5	3.8	0	0	0	2	7	10	0	0	0	22.8
LA-MHD01.001 11RR2	LAS824996	11/10/1982	101.3	10	0	20	32	0	0	5.2	0	0	0	67.2
LA-MHD01.001 11RR2	LAS825003	11/10/1982	82.1	10	0	13	20	0	5	0	0	0	0	48
LA-MHD01.001 11RR2	LAS825023	11/10/1982	44	10	0	0	0	3	0	3.3	0	0	0	16.3
LA-MHD01.001 11RR2	LAS825027	11/10/1982	52.5	8	0	0	0	0	9.8	7	0	0	0	24.8
LA-MHD01.001 11RR2	LAS825031	11/10/1982	100.4	10	0	25	22	0	0	8.3	0	0	0	66.3
LA-MHD01.001 11RR2	LAS825032	11/10/1982	46.5	2	0	0	0	13	0	3.8	0	0	0	18.8
LA-MHD01.001 11RR2	LAS825058	11/10/1982	56	6	0	6	2	0	6	8.3	0	0	0	28.3
LA-MHD01.001 11RR2	LAS825637	11/10/1982	107.6	20	0	15	37.9	0	0	7	0	0	0	79.9
LA-MHD01.001 11RR2	LAS825648	11/10/1982	57.5	15	0	0	0	10	0	4.8	0	0	0	29.8
LA-MHD01.001 11RR2	LAS825652	11/10/1982	61	3	0	0	0	12	0	18.3	0	0	0	33.3
LA-MHD01.001 11RR2	LAS825820	12/28/1982	132.4	24	0	6	60	0	0	8.3	0	0	0	98.3
LA-MHD01.001 11RR2	LAS825836	12/28/1982	86	17	0	0	38	0	0	3.3	0	0	0	58.3
LA-MHD01.001 11RR2	LAS825838	12/28/1982	105.6	15	0	10	43	0	0	3.5	0	0	0	71.5
LA-MHD01.001 11RR2	LAS825847	12/28/1982	59.7	2.5	0	0	0	2.5	10	10.6	0	0	0	25.6
LA-MHD01.001 11RR2	LA00000060898	12/29/1982	116.5	33.4	0	6	20	0	15	8	0	0	0	82.4
LA-MHD01.001 11RR2	LAS824689	12/29/1982	78.3	8	0	10	23	0	0	4.2	0	0	0	45.2
LA-MHD01.001 11RR2	LAS824698	12/29/1982	75	41.3	0	1	1	0	0	4	0	0	0	47.3
LA-MHD01.001 11RR2	LAS824953	12/29/1982	70.2	1	0	0	0	17	20	4.5	0	0	0	42.5
LA-MHD01.001 11RR2	LAS824962	12/29/1982	120.7	12	0	30	41	0	0	3.6	0	0	0	86.6
LA-MHD01.001 11RR2	LAS824964	12/29/1982	44	1	0	3	1	7	0	4.3	0	0	0	16.3
LA-MHD01.001 11RR2	LAS824874	12/29/1982	39	0	0	0	0	8	0	3.3	0	0	0	11.3
LA-MHD01.001 11RR2	LAS824986	12/29/1982	70.9	10.2	0	1	6	10	8	8	0	0	0	43.2
LA-MHD01.001 11RR2	LAS825787	12/29/1982	101.8	11	0	2.6	59.5	0	0	1	0	0	0	74.1
LA-MHD01.001 11RR2	LAS825904	12/29/1982	74	20	0	5	18	0	0	3.3	0	0	0	46.3
LA-MHD01.001 11RR2	LA00000061159	12/30/1982	82.5	42	0	0	0	3	0	3.4	0	0	0	48.4
LA-MHD01.001 11RR2	LAS825695	12/30/1982	82.8	9	0	6	31.7	0	0	2	0	0	0	48.7

LA-MHD01.001	11RR2	LAS825715	12/30/1982	93.2	40	0	6	6	0	10	3.5	0	0	0	65.5
LA-MHD01.001	11RR2	LAS825719	12/30/1982	95	10	0	0	50.3	0	0	7	0	0	0	67.3
LA-MHD01.001	11RR2	LAS825728	12/30/1982	111.5	30	0	1	3	0	44.8	5	0	0	0	83.8
LA-MHD01.001	11RR2	LAS825734	12/30/1982	117.3	10	0	20	50	0	0	3.2	0	0	0	83.2
LA-MHD01.001	11RR2	LAS825778	12/30/1982	59.2	8	0	4	6	0	4	3.1	0	0	0	25.1
LA-MHD01.001	11RR2	LAS825784	12/30/1982	72.2	7	0	6	20	0	0	5.1	0	0	0	38.1
LA-MHD01.001	11RR2	LAS825786	12/30/1982	108.4	5	0	20	46	0	0	3.3	0	0	0	74.3
LA-MHD01.001	11RR2	LAS825805	12/30/1982	93.7	25	0	10	21	0	0	3.6	0	0	0	59.6
LA-MHD01.001	11RR2	LA00000080498	01/26/1983	70.7	11.6	0	15	0	0	5	5	0	0	0	36.6
LA-MHD01.001	11RR2	LA00000081148	01/26/1983	84	44.8	0	0	0	0	0	5.3	0	0	0	49.9
LA-MHD01.001	11RR2	LAS832139	01/26/1983	38.4	3	0	0	0	5	0	2.7	0	0	0	10.7
LA-MHD01.001	11RR2	LAS832151	01/26/1983	43	4	0	0	0	6	0	5.3	0	0	0	15.3
LA-MHD01.001	11RR2	LAS832170	01/26/1983	38.5	3.8	0	0	0	3	0	4	0	0	0	10.8
LA-MHD01.001	11RR2	LAS832175	01/26/1983	76	18	0	3	24	0	0	3.3	0	0	0	48.3
LA-MHD01.001	11RR2	LAS832180	01/26/1983	76.2	39	0	5	0	0	0	4.6	0	0	0	48.5
LA-MHD01.001	11RR2	LAS832182	01/26/1983	80	49	0	0	0	0	0	3.3	0	0	0	52.3
LA-MHD01.001	11RR2	LAS832183	01/26/1983	51.5	6	0	3.8	6	4	0	4	0	0	0	23.8
LA-MHD01.001	11RR2	LAS832185	01/26/1983	91	5	0	22	10	6	15	3.3	0	0	0	63.3
LA-MHD01.001	11RR2	LAS832186	01/26/1983	99.8	9	0	7	48.8	0	0	1	0	0	0	65.8
LA-MHD01.001	11RR2	LAS832200	01/26/1983	59.8	2.1	0	0	0	15	0	15	0	0	0	32.1
LA-MHD01.001	11RR2	LAS832218	01/26/1983	111.2	12	0	0	62	0	0	3.1	0	0	0	77.1
LA-MHD01.001	11RR2	LAS832230	01/26/1983	39	2	0	2	0	5	0	2.3	0	0	0	11.3
LA-MHD01.001	11RR2	LAS832232	01/26/1983	79.6	46.9	0	1	0	0	0	4	0	0	0	51.9
LA-MHD01.001	11RR2	LAS832245	01/26/1983	87.5	8	0	15	27.4	0	0	3	0	0	0	53.4
LA-MHD01.001	11RR2	LAS832620	01/26/1983	94.9	10	0	10	37.8	0	0	3	0	0	0	60.8
LA-MHD01.001	11RR2	LAS832262	03/02/1983	40	0	0	0	0	9	0	3.3	0	0	0	12.3
LA-MHD01.001	11RR2	LAS832266	03/02/1983	38	4	0	0	0	3	0	3.3	0	0	0	10.3
LA-MHD01.001	11RR2	LAS832267	03/02/1983	46	4	0	0	0	9.3	0	5	0	0	0	18.3
LA-MHD01.001	11RR2	LAS832269	03/02/1983	85.8	20	0	2	16.7	1	7	5	0	0	0	51.7
LA-MHD01.001	11RR2	LAS832353	03/02/1983	42	4	0	4	4	0	0	2.3	0	0	0	14.3
LA-MHD01.001	11RR2	LAS832361	03/02/1983	121.4	15	0	20	46	0	0	6.3	0	0	0	87.3
LA-MHD01.001	11RR2	LAS832363	03/02/1983	91.7	10	0	8	37.6	0	0	2	0	0	0	57.6
LA-MHD01.001	11RR2	LAS832366	03/02/1983	62	13	0	0	10	4.3	4	3	0	0	0	34.3
LA-MHD01.001	11RR2	LAS832367	03/02/1983	85.5	18	0	0	35.8	0	0	4	0	0	0	57.8
LA-MHD01.001	11RR2	LAS832383	03/02/1983	40.6	10	0	0	0	0	0	2.9	0	0	0	12.9
LA-MHD01.001	11RR2	LAS832411	03/02/1983	84.8	10	0	6	30	0	0	4.7	0	0	0	50.7
LA-MHD01.001	11RR2	LAS832415	03/02/1983	64.5	17	0	3	6.8	2	5	3	0	0	0	38.8
LA-MHD01.001	11RR2	LAS832417	03/02/1983	62.8	7.1	0	2	2	2	14	8	0	0	0	35.1
LA-MHD01.001	11RR2	LA00000060794	04/13/1983	55.5	12.4	0	1	2	0	0	6	0	0	0	21.4
LA-MHD01.001	11RR2	LAS832489	04/13/1983	102.2	5	0	20	40	0	0	3.1	0	0	0	68.1
LA-MHD01.001	11RR2	LAS832510	04/13/1983	90.2	18	0	0	40.5	0	0	4	0	0	0	62.5
LA-MHD01.001	11RR2	LAS832515	04/13/1983	78	47	0	1	0	0	0	3.3	0	0	0	51.3
LA-MHD01.001	11RR2	LAS832516	04/13/1983	74.8	8	0	6	23.7	0	0	3	0	0	0	40.7
LA-MHD01.001	11RR2	LAS832517	04/13/1983	62.6	6	0	5	14	0	0	3.5	0	0	0	28.5
LA-MHD01.001	11RR2	LAS832519	04/13/1983	86.9	5	0	0	43	0	0	4.8	0	0	0	52.8
LA-MHD01.001	11RR2	LAS832520	04/13/1983	72.1	10	0	8	18	0	0	2	0	0	0	38
LA-MHD01.001	11RR2	LAS832521	04/13/1983	49.5	10	0	0	0	8	0	3.8	0	0	0	21.8
LA-MHD01.001	11RR2	LAS832527	04/13/1983	89.5	42	0	10	0	0	4	5.8	0	0	0	61.8
LA-MHD01.001	11RR2	LAS832534	04/13/1983	55.1	0	0	0	20	0	0	7.4	0	0	0	27.4
LA-MHD01.001	11RR2	LAS832662	04/13/1983	78.8	8	0	5	28.7	0	0	3	0	0	0	44.7
LA-MHD01.001	11RR2	LAS832564	04/13/1983	55.5	8	0	0	9.8	0	0	10	0	0	0	27.8
LA-MHD01.001	11RR2	LAS832571	04/13/1983	107.7	10	0	15	46.6	0	0	2	0	0	0	73.6
LA-MHD01.001	11RR2	LAS832586	04/13/1983	44.2	5	0	0	0	8	0	3.5	0	0	0	16.5

LA-MHD01.001	11RR2	LAS832587	04/13/1983	82	18	0	4	28	0	0	4.3	0	0	0	54.3
LA-MHD01.001	11RR2	LAS833009	04/13/1983	46	3	0	0	3	4	0	8.3	0	0	0	18.3
LA-MHD01.001	11RR2	LAS833019	04/13/1983	81.5	18	0	0	30	0	0	5.8	0	0	0	53.8
LA-MHD01.001	11RR2	LAS833035	04/13/1983	85.8	10	0	30	18.7	0	0	3	0	0	0	61.7
LA-MHD01.001	11RR2	LAS833109	04/13/1983	54.5	3	0	0	20	0	0	3.8	0	0	0	26.8
LA-MHD01.001	11RR2	LAS832266	04/14/1983	64.5	4	0	4	0	2	6.8	20	0	0	0	36.8
LA-MHD01.001	11RR2	LAS832292	04/14/1983	42.6	4	0	0	0.5	7.4	0	3	0	0	0	14.9
LA-MHD01.001	11RR2	LAS832295	04/14/1983	112.5	10	0	15	48	0	0	5.4	0	0	0	78.4
LA-MHD01.001	11VE1	LAS832325	04/14/1983	101.7	39.61	0	0	10.8	0	0	12.08	0	0	0	62.49
LA-MHD01.001	11RR2	LAS832333	04/14/1983	93.9	8	0	8	32.8	4	0	7	0	0	0	59.8
LA-MHD01.001	11RR2	LAS832343	04/14/1983	52.5	17	0	0	3.8	0	0	4	0	0	0	24.8
LA-MHD01.001	11RR2	LAS832358	04/14/1983	47	6	0	0	0	8.3	0	5	0	0	0	19.3
LA-MHD01.001	11RR2	LAS832427	04/14/1983	84	18	0	0	32	0	0	6.3	0	0	0	56.3
LA-MHD01.001	11RR2	LAS832428	04/14/1983	65.7	4.8	0	6.6	17	0	0	3.2	0	0	0	31.6
LA-MHD01.001	11RR2	LAS832430	04/14/1983	121.6	15	0	20	48.5	0	0	3	0	0	0	87.5
LA-MHD01.001	11RR2	LAS832437	04/14/1983	66	10	0	0	19	6	0	3.3	0	0	0	38.3
LA-MHD01.001	11RR2	LAS832438	04/14/1983	52	1	0	0	0	20.3	0	3	0	0	0	24.3
LA-MHD01.001	11RR2	LAS832446	04/14/1983	73.6	6	0	8	19.9	4	0	8	0	0	0	45.9
LA-MHD01.001	11RR2	LAS832454	04/14/1983	41.8	2	0	0	0	2.1	0	10	0	0	0	14.1
LA-MHD01.001	11RR2	LAS832455	04/14/1983	43.8	2	0	0	0	6.1	0	8	0	0	0	16.1
LA-MHD01.001	11RR2	LAS832459	04/14/1983	78	13	0	10	16.3	0	0	9	0	0	0	50.3
LA-MHD01.001	11RR2	LAS832468	04/14/1983	61	1	0	10	0	0	5.9	16.4	0	0	0	33.3
LA-MHD01.001	11RR2	LAS832471	04/14/1983	70.6	37	0	0	0	2.9	0	3	0	0	0	42.9
LA-MHD01.001	11RR2	LAS832493	04/14/1983	98.9	25	0	15	20	0	0	4.8	0	0	0	64.8
LA-MHD01.001	11RR2	LAS832509	04/14/1983	50.6	6	0	3	6	4	0	3.6	0	0	0	22.6
LA-MHD01.001	11RR2	LA00000059172	05/17/1983	105	20	0	20	8.9	0	20	2	0	0	0	70.9
LA-MHD01.001	11RR2	LA00000061013	05/17/1983	83	41.9	0	0	0	0	0	7	0	0	0	48.9
LA-MHD01.001	11RR2	LAS832535	05/17/1983	91	17	0	0	43	0	0	3.3	0	0	0	63.3
LA-MHD01.001	11RR2	LAS833067	05/17/1983	79	18	0	0	26.3	0	0	7	0	0	0	51.3
LA-MHD01.001	11RR2	LAS833075	05/17/1983	68.9	6	0	10	14	0	0	4.8	0	0	0	34.8
LA-MHD01.001	11RR2	LAS833080	05/17/1983	115.9	8	0	6	57.8	0	0	10	0	0	0	81.8
LA-MHD01.001	11RR2	LAS833081	05/17/1983	108.4	6	0	0.3	60	0	0	6	0	0	0	74.3
LA-MHD01.001	11RR2	LAS833086	05/17/1983	86	17	0	0	38	0	0	3.3	0	0	0	58.3
LA-MHD01.001	11RR2	LAS833090	05/17/1983	75.5	15	0	28	0	0	0	4.8	0	0	0	47.8
LA-MHD01.001	11RR2	LAS833117	05/17/1983	40.4	0	0	0	0	8	0	4.7	0	0	0	12.7
LA-MHD01.001	11RR2	LAS833220	05/17/1983	54.8	5	0	2	12.1	3	0	5	0	0	0	27.1
LA-MHD01.001	11RR2	LAS833249	05/17/1983	120.6	12	0	6.5	65	0	0	3	0	0	0	86.5
LA-MHD01.001	11RR2	LAS833250	05/17/1983	112.1	12	0	2	57	0	0	7	0	0	0	78
LA-MHD01.001	11RR2	LAS833257	05/17/1983	54	7	0	2	0	1	11.3	5	0	0	0	26.3
LA-MHD01.001	11RR2	LAS833276	05/17/1983	128.4	16	0	30	10	0	0	8.3	30	0	0	94.3
LA-MHD01.001	11RR2	LAS833277	05/17/1983	127.2	15	0	25	50	0	0	3.1	0	0	0	93.1
LA-MHD01.001	11RR2	LAS833278	05/17/1983	52.5	16	0	0	0	4	0	4.8	0	0	0	24.8
LA-MHD01.001	11RR2	LAS833281	05/17/1983	104.1	15	0	30	20	0	0	5	0	0	0	70
LA-MHD01.001	11RR2	LA00000061154	07/13/1983	69.5	26	0	0	0	0	0	9.4	0	0	0	35.4
LA-MHD01.001	11RR2	LAS833452	07/13/1983	87.4	10	0	4	28.3	0	0	7	4	0	0	53.3
LA-MHD01.001	11RR2	LAS833494	07/13/1983	75.8	34.1	0	1	2	3	0	6	0	0	0	48.1
LA-MHD01.001	11RR2	LAS833495	07/13/1983	96.5	51.4	0	3	0	0	0	8	0	0	0	62.4
LA-MHD01.001	11RR2	LAS833498	07/13/1983	46.5	1	0	0	0	10.8	0	7	0	0	0	18.8
LA-MHD01.001	11RR2	LAS833515	07/13/1983	99.7	15	0	25	20	0	0	5.6	0	0	0	65.6
LA-MHD01.001	11RR2	LAS833535	07/13/1983	137.8	7	0	5	89.7	0	0	8	0	0	0	103.7
LA-MHD01.001	11RR2	LAS833556	07/13/1983	59	10	0	1.3	0	0	16	4	0	0	0	31.3
LA-MHD01.001	11RR2	LAS833559	07/13/1983	125.6	5	0	15	68	0	0	3.5	0	0	0	91.5
LA-MHD01.001	11RR2	LAS833568	07/13/1983	77.5	45	0	1	0	0	0	3.8	0	0	0	49.8

LA-MHD01.001 11RR2	LAS833571	07/13/1983	95.1	4.8	0	3	50	0	0	3.2	0	0	0	61
LA-MHD01.001 11RR2	LAS833575	07/13/1983	71.6	8	0	3	20.5	0	0	6	0	0	0	37.5
LA-MHD01.001 11RR2	LAS833584	07/13/1983	51	0	0	0	0	13.3	0	10	0	0	0	23.3
LA-MHD01.001 11RR2	LAS833602	07/13/1983	62.6	10	0	0	0	15.5	0	3	0	0	0	28.5
LA-MHD01.001 11RR2	LA00000061089	07/14/1983	106.4	55	0	10	0	0	4	3.3	0	0	0	72.3
LA-MHD01.001 11RR2	LAS833336	07/14/1983	56	4	0	0	0	4	5	15.3	0	0	0	28.3
LA-MHD01.001 11RR2	LAS833337	07/14/1983	81.4	6	0	4	29.3	0	0	6	2	0	0	47.3
LA-MHD01.001 11RR2	LAS833338	07/14/1983	35.2	3	0	0	0	2	0	2.5	0	0	0	7.5
LA-MHD01.001 11RR2	LAS833351	07/14/1983	43	0	0	0	2	5.3	0	8	0	0	0	15.3
LA-MHD01.001 11RR2	LAS833358	07/14/1983	127	7	0	5	73.9	0	0	7	0	0	0	92.9
LA-MHD01.001 11RR2	LAS833420	07/14/1983	55.5	1	0	0	0	16	0	10.8	0	0	0	27.8
LA-MHD01.001 11RR2	LAS833422	07/14/1983	70.5	8	0	5	4	0	13.4	6	0	0	0	36.4
LA-MHD01.001 11RR2	LAS833424	07/14/1983	117	20	0	5	54	0	0	3.9	0	0	0	82.9
LA-MHD01.001 11RR2	LAS833427	07/14/1983	105.3	8	0	0	57.2	0	0	8	0	0	0	71.2
LA-MHD01.001 11RR2	LAS833446	07/14/1983	82.8	48.1	0	1	7	0	0	9	0	0	0	65.1
LA-MHD01.001 11RR2	LAS833450	07/14/1983	112.2	20	0	8	42.1	0	0	8	0	0	0	78.1
LA-MHD01.001 11RR2	LAS833462	07/14/1983	111.6	8	0	10	47.9	0	10	6	0	0	0	83.9
LA-MHD01.001 11RR2	LA00000059265	08/24/1983	65.4	3	0	5	3	4	5	17.7	0	0	0	37.7
LA-MHD01.001 11RR2	LA00000060700	08/24/1983	133	35	0	1	20	0	39.3	10	0	0	0	105.3
LA-MHD01.001 11RR2	LA00000061151	08/24/1983	89	10	0	6	0	0	30	8.9	0	0	0	54.9
LA-MHD01.001 11RR2	LAS833890	08/24/1983	94	30	0	16	10	0	0	3.9	0	0	0	59.9
LA-MHD01.001 11RR2	LAS833892	08/24/1983	78.5	26	0	0	8	0	0	6.4	0	0	0	42.4
LA-MHD01.001 11RR2	LAS833894	08/24/1983	55.5	0	0	0	0	17.8	0	10	0	0	0	27.8
LA-MHD01.001 11RR2	LAS833903	08/24/1983	108.7	15	0	0	50	0	0	9.6	0	0	0	74.6
LA-MHD01.001 11RR2	LAS833930	08/24/1983	71	40	0	0	0	0	0	3.3	0	0	0	43.3
LA-MHD01.001 11RR2	LAS833939	08/24/1983	35.5	2	0	0	2	0	0	3.8	0	0	0	7.8
LA-MHD01.001 11RR2	LAS833943	08/24/1983	114.2	8	0	0	56.1	3	0	4	8	0	0	80.1
LA-MHD01.001 11RR2	LAS834341	08/24/1983	109.4	10	0	20	42.3	0	0	3	0	0	0	75.3
LA-MHD01.001 11RR2	LAS834342	08/24/1983	68.7	7	0	2	20.6	0	0	6	0	0	0	35.6
LA-MHD01.001 11RR2	LAS834344	08/24/1983	108	10	0	2	51.9	0	0	10	0	0	0	73.9
LA-MHD01.001 11RR2	LAS834376	08/24/1983	90.5	45	0	4	10	0	0	3.8	0	0	0	62.8
LA-MHD01.001 11RR2	LAS834379	08/24/1983	103.5	15	0	6	45	0	0	3.4	0	0	0	69.4
LA-MHD01.001 11RR2	LA00000060479	09/21/1983	78	6	0	2	2	1	24	6.9	0	0	0	43.9
LA-MHD01.001 11RR2	LAS834410	09/21/1983	103.4	8	0	10	26.3	0	0	5	20	0	0	69.3
LA-MHD01.001 11RR2	LAS834421	09/21/1983	105.8	6	0	15	47.7	0	0	3	0	0	0	71.7
LA-MHD01.001 11RR2	LAS834438	09/21/1983	107.6	15	0	25	30	0	0	3.5	0	0	0	73.5
LA-MHD01.001 11RR2	LAS834441	09/21/1983	77.1	4	0	2	32	2	0	3	0	0	0	43
LA-MHD01.001 11RR2	LAS834468	09/21/1983	123.2	8	0	0	67.1	0	0	4	10	0	0	89.1
LA-MHD01.001 11RR2	LAS834469	09/21/1983	88.8	25	0	5	20	0	0	2.7	0	0	0	52.7
LA-MHD01.001 11RR2	LAS834470	09/21/1983	118.4	10	0	20	41	0	0	3.3	10	0	0	84.3
LA-MHD01.001 11RR2	LAS834481	09/21/1983	80	37.9	0	2	0	1	0	5	0	0	0	45.9
LA-MHD01.001 11RR2	LAS834484	09/21/1983	95.1	20	0	20	18	0	0	3	0	0	0	61
LA-MHD01.001 11RR2	LAS834485	09/21/1983	85.8	9	0	10	25	0	0	7.7	0	0	0	51.7
LA-MHD01.001 11RR2	LAS834503	09/21/1983	117.2	25	0	0	55	0	0	3.1	0	0	0	83.1
LA-MHD01.001 11RR2	LAS834512	09/21/1983	72.8	8	0	18	0	1.7	6	5	0	0	0	38.7
LA-MHD01.001 11RR2	LAS833826	09/22/1983	100.9	26.8	0	20	15	0	0	5	0	0	0	66.8
LA-MHD01.001 11RR2	LAS833829	09/22/1983	87.7	15.6	0	15	20	0	0	3	0	0	0	53.6
LA-MHD01.001 11RR2	LAS833831	09/22/1983	65.3	8	0	8	12	0	0	3.2	0	0	0	31.2
LA-MHD01.001 11RR2	LAS833863	09/22/1983	116.9	18	0	10	50	0	0	4.8	0	0	0	82.8
LA-MHD01.001 11RR2	LAS833864	09/22/1983	90.2	10	0	15	25	0	0	6.1	0	0	0	56.1
LA-MHD01.001 11RR2	LAS833869	09/22/1983	68.5	24	0	0	0	0	0	10.4	0	0	0	34.4
LA-MHD01.001 11RR2	LAS833876	09/22/1983	53	20	0	0	0	2	0	3.3	0	0	0	25.3
LA-MHD01.001 11RR2	LAS833905	09/22/1983	76.8	10	0	9	20	0	0	3.7	0	0	0	42.7

LA-MHD01.001 11RR2	LAS834398	09/22/1983	69.7	6	0	10	15	0	0	4.6	0	0	0	35.6
LA-MHD01.001 11RR2	LAS834439	09/22/1983	80.1	10	0	2	20	0	0	4	20	0	0	56
LA-MHD01.001 11RR2	LA00000061082	11/08/1983	58	18	0	2	0	0	0	3.9	0	0	0	23.9
LA-MHD01.001 11RR2	LAS834585	11/08/1983	103.3	20	0	0	40	0	0	3.2	6	0	0	69.2
LA-MHD01.001 11RR2	LAS834606	11/08/1983	47	1	0	0	4	10	0	4.3	0	0	0	19.3
LA-MHD01.001 11RR2	LAS834611	11/08/1983	100.6	25	0	0	34.5	0	0	7	0	0	0	66.5
LA-MHD01.001 11RR2	LAS834613	11/08/1983	76.7	5	0	10	20	0	0	3.6	4	0	0	42.6
LA-MHD01.001 11RR2	LAS834614	11/08/1983	60.7	4	0	2	15.6	0	0	5	0	0	0	26.6
LA-MHD01.001 11RR2	LAS834639	11/08/1983	104.9	20	0	1	38	0	0	3.8	8	0	0	70.8
LA-MHD01.001 11RR2	LAS834640	11/08/1983	75.3	5.2	0	15	18	0	0	3	0	0	0	41.2
LA-MHD01.001 11RR2	LAS834657	11/08/1983	133.8	25	0	0	66.7	0	0	8	0	0	0	99.7
LA-MHD01.001 11RR2	LAS834664	11/08/1983	114.6	27.7	0	0	50	0	0	3	0	0	0	80.7
LA-MHD01.001 11RR2	LAS834665	11/08/1983	127.7	20	0	0	69.6	0	0	4	0	0	0	93.6
LA-MHD01.001 11RR2	LAS834686	11/08/1983	53.4	4	0	6	6	0	0	3.3	0	0	0	19.3
LA-MHD01.001 11RR2	LAS834712	11/08/1983	129	23	0	0	65.9	0	0	6	0	0	0	94.9
LA-MHD01.001 11RR2	LAS834713	11/08/1983	141	10	0	0	94	0	0	2.9	0	0	0	106.9
LA-MHD01.001 11RR2	LAS834715	11/08/1983	77.2	7	0	10	21	0	0	3.1	2	0	0	43.1
LA-MHD01.001 11RR2	LAS834731	11/08/1983	62.5	10	0	0	15	0	0	3.4	0	0	0	28.4
LA-MHD01.001 11RR2	LAS834739	11/08/1983	113.6	20	0	0	56.5	0	0	3	0	0	0	79.5
LA-MHD01.001 11RR2	LAS834740	11/08/1983	65	10	0	10	4	10	0	3.3	0	0	0	37.3
LA-MHD01.001 11RR2	LAS834742	11/08/1983	54.7	6	0	0	12	0	0	2.6	0	0	0	20.6
LA-MHD01.001 11RR2	LAS834743	11/08/1983	58.2	4	0	0	14.1	0	0	6	0	0	0	24.1
LA-MHD01.001 11RR2	LA00000061081	11/09/1983	88	21.9	0	1	4	0	0	7	0	0	0	33.9
LA-MHD01.001 11RR2	LA00000061121	11/09/1983	70	25	0	1	3	2	0	4.9	0	0	0	35.9
LA-MHD01.001 11RR2	LA00000061129	11/09/1983	76.5	36	0	2	0	0	0	4.4	0	0	0	42.4
LA-MHD01.001 11RR2	LAS834519	11/09/1983	102.2	23	0	0	32.1	0	0	6	7	0	0	68.1
LA-MHD01.001 11RR2	LAS834521	11/08/1983	61.1	5	0	0	19	0	0	3	0	0	0	27
LA-MHD01.001 11RR2	LAS834533	11/08/1983	90.1	5.1	0	5	43	0	0	2.8	0	0	0	56
LA-MHD01.001 11RR2	LAS834540	11/09/1983	43	5	0	0	4	3	0	3.3	0	0	0	15.3
LA-MHD01.001 11RR2	LAS834570	11/09/1983	104.3	25	0	0	42.2	0	0	3	0	0	0	70.2
LA-MHD01.001 11RR2	LAS834583	11/09/1983	114.3	25	0	0	51.2	0	0	4	0	0	0	80.2
LA-MHD01.001 11RR2	LAS834587	11/09/1983	73.9	5	0	10	15	0	0	8.8	0	0	0	39.8
LA-MHD01.001 11RR2	LAS834588	11/09/1983	59.5	7	0	1	11	0	0	3	3.4	0	0	25.4
LA-MHD01.001 11RR2	LAS834612	11/09/1983	124.8	30	0	0	57.3	0.2	0	3.2	0	0	0	90.7
LA-MHD01.001 11RR2	LAS834638	11/09/1983	105.5	25	0	0	42	0	0	4.4	0	0	0	71.4
LA-MHD01.001 11RR2	LAS834692	11/09/1983	75.7	8	0	10.6	20	0	0	3	0	0	0	41.6
LA-MHD01.001 11RR2	LA00000059295	12/30/1983	110.8	76.1	0	2	0	2	0	3	0	0	0	83.1
LA-MHD01.001 11RR2	LA00000060741	12/30/1983	60.5	8	0	4	0	2	6	6.4	0	0	0	26.4
LA-MHD01.001 11RR2	LAS834719	12/30/1983	105.9	15	0	17	35	0	0	4.8	0	0	0	71.8
LA-MHD01.001 11RR2	LAS834744	12/30/1983	75.4	10	0	8	20	0	0	3.3	0	0	0	41.3
LA-MHD01.001 11RR2	LAS834767	12/30/1983	138.9	30	0	0	71.3	0	0	3.5	0	0	0	104.8
LA-MHD01.001 11RR2	LAS835277	12/30/1983	61.9	7	0	7	10	0	0	3.8	0	0	0	27.8
LA-MHD01.001 11RR2	LAS835296	12/30/1983	57.9	6	0	0	14	0	0	3.8	0	0	0	23.8
LA-MHD01.001 11RR2	LAS835323	12/30/1983	81.6	10	0	15	25	0	0	3.9	0	0	0	53.9
LA-MHD01.001 11RR2	LAS835346	12/30/1983	131	30	0	0	59.9	0	0	7	0	0	0	96.9
LA-MHD01.001 11RR2	LAS835348	12/30/1983	60	5	0	0	0	0	10	17.3	0	0	0	32.3
LA-MHD01.001 11RR2	LAS835349	12/30/1983	67.4	9	0	0	20	1	0	3.3	0	0	0	33.3
LA-MHD01.001 11RR2	LAS835352	12/30/1983	65.5	20	0	0	0	10	2	5.8	0	0	0	37.8
LA-MHD01.001 11RR2	LAS835368	12/30/1983	88.6	23	0	0	24	0.5	0	7	0	0	0	54.5
LA-MHD01.001 11RR2	LAS835375	12/30/1983	67.3	3.2	0	0	28	0	0	2	0	0	0	33.2
LA-MHD01.001 11RR2	LAS835390	12/30/1983	125.5	25	0	0	63	0	0	3.4	0	0	0	91.4
LA-MHD01.001 11RR2	LAS835391	12/30/1983	113.8	22	0	0	50.7	0	0	7	0	0	0	79.7
LA-MHD01.001 11RR2	LAS835401	12/30/1983	115.9	30	0	0	48	0	0	3.8	0	0	0	81.8

LA-MHD01.001	11RR2	LAS835402	12/30/1983	111.2	20	0	0	0	0	0	8.1	49	0	0	77.1
LA-MHD01.001	11RR2	LAS835406	12/30/1983	66.3	6	0	6	17	0	0	3.2	0	0	0	32.2
LA-MHD01.001	11RR2	LAS835427	12/30/1983	125.3	25	0	0	63	0	0	3.2	0	0	0	91.2
LA-MHD01.001	11RR2	LAS835428	12/30/1983	102.6	22	0	0	39.5	0	0	7	0	0	0	68.5
LA-MHD01.001	11RR2	LA00000060472	02/14/1984	57.4	14.7	0	0	0	2	1	12	0	0	0	29.7
LA-MHD01.001	11RR2	LA00000060723	02/14/1984	65	2.5	0	4	0.2	1	3.9	25.7	0	0	0	37.3
LA-MHD01.001	11RR2	LA00000061087	02/14/1984	95.5	56	0	0	0	0	0	5.4	0	0	0	61.4
LA-MHD01.001	11RR2	LA00000061119	02/14/1984	81	41	0	2	0	0	0	3.9	0	0	0	46.9
LA-MHD01.001	11RR2	LA00000061141	02/14/1984	69	29.5	0	0	0	0	0	5.4	0	0	0	34.9
LA-MHD01.001	11RR2	LAS842320	02/14/1984	70.5	35	0	4	0	0	0	3.8	0	0	0	42.8
LA-MHD01.001	11VE1	LAS842321	02/14/1984	59	8.58	1.28	0.46	2.63	0.54	0.47	8.32	0	0	0	22.28
LA-MHD01.001	11RR2	LAS842342	02/14/1984	131.1	23	0	0	64	0	5	5	0	0	0	97
LA-MHD01.001	11RR2	LAS842373	02/14/1984	98.5	10	0	10	41	0	0	3.4	0	0	0	64.4
LA-MHD01.001	11RR2	LAS842386	02/14/1984	63.6	0	0	2	0	1	20	12.9	0	0	0	35.9
LA-MHD01.001	11RR2	LAS842398	02/14/1984	37.8	3	0	0	2	2.1	0	3	0	0	0	10.1
LA-MHD01.001	11RR2	LAS842399	02/14/1984	117.7	25	0	0	55	0	0	3.6	0	0	0	83.6
LA-MHD01.001	11RR2	LAS842402	02/14/1984	80.9	10	0	5	23.8	0	0	8	0	0	0	46.8
LA-MHD01.001	11RR2	LAS842412	02/14/1984	75.1	7	0	10	21	0	0	3	0	0	0	41
LA-MHD01.001	11RR2	LAS842413	02/14/1984	90	8	0	0.2	42.1	0	0	12	0	0	0	62.3
LA-MHD01.001	11RR2	LAS842418	02/14/1984	48	5	0	0	0	8	0	7.3	0	0	0	20.3
LA-MHD01.001	11RR2	LAS842420	02/14/1984	36.5	0	0	0	0	0	0	8.8	0	0	0	8.8
LA-MHD01.001	11RR2	LAS842426	02/14/1984	122.2	25	0	0	58	0	0	5.1	0	0	0	88.1
LA-MHD01.001	11RR2	LAS842432	02/14/1984	82.6	10	0	8.5	27	0	0	3	0	0	0	48.5
LA-MHD01.001	11RR2	LAS842436	02/14/1984	70	10	0	12	10	0	0	3.9	0	0	0	35.9
LA-MHD01.001	11RR2	LAS842438	02/14/1984	64	4	0	2	10	3	10	7.3	0	0	0	36.3
LA-MHD01.001	11RR2	LAS842448	02/14/1984	69.5	26	0	0	0	3	0	6.4	0	0	0	35.4
LA-MHD01.001	11RR2	LAS842478	02/14/1984	56.9	6	0	0	0	0	0	6	10.8	0	0	22.8
LA-MHD01.001	11RR2	LAS842479	02/14/1984	57.7	4	0	6	10	0	0	3.6	0	0	0	23.6
LA-MHD01.001	11RR2	LAS842480	02/14/1984	59.3	4	0	5	11.2	0	0	5	0	0	0	25.2
LA-MHD01.001	11RR2	LA00000061122	02/15/1984	88	16	0	0	3	4	20	10.9	0	0	0	53.9
LA-MHD01.001	11RR2	LAS842369	02/15/1984	115.8	25	0	0	48.7	0	0	8	0	0	0	81.7
LA-MHD01.001	11RR2	LAS842370	02/15/1984	127.2	30	0	0	56.1	0	0	7	0	0	0	93.1
LA-MHD01.001	11RR2	LA00000060905	03/13/1984	53.5	3	0	0	0	3	0	13.4	0	0	0	19.4
LA-MHD01.001	11RR2	LA00000061134	03/13/1984	90.5	50	0	0	0	0	0	6.4	0	0	0	56.4
LA-MHD01.001	11RR2	LAS842259	03/13/1984	45.2	1	0	0	3	1	4	8.5	0	0	0	17.5
LA-MHD01.001	11RR2	LAS842487	03/13/1984	90.6	49	0	1	0	0.2	0	6.2	0	0	0	56.4
LA-MHD01.001	11RR2	LAS842503	03/13/1984	123.9	30	0	0	53	2	0	4.8	0	0	0	89.8
LA-MHD01.001	11RR2	LAS842504	03/13/1984	117.6	25	0	0	55	0	0	3.5	0	0	0	83.5
LA-MHD01.001	11RR2	LAS842505	03/13/1984	58.8	4	0	7	10	0	0	3.7	0	0	0	24.7
LA-MHD01.001	11RR2	LAS842506	03/13/1984	65.1	5	0	0	18	1	0	7	0	0	0	31
LA-MHD01.001	11RR2	LAS842519	03/13/1984	61.2	7.5	0	15	10	0	0	1	0	0	0	33.5
LA-MHD01.001	11RR2	LAS842542	03/13/1984	110.4	40	0	5	25	0	0	6.3	0	0	0	76.3
LA-MHD01.001	11RR2	LAS842555	03/13/1984	132.1	25	0	0	67	0	0	6	0	0	0	98
LA-MHD01.001	11RR2	LAS842570	03/13/1984	95	46	0	10	0	0	0	4.9	0	0	0	60.9
LA-MHD01.001	11RR2	LAS844012	03/13/1984	112.3	25	0	5	45	0	0	3.2	0	0	0	78.2
LA-MHD01.001	11RR2	LAS844162	03/13/1984	65.8	8	0	8	12	0	0	3.7	0	0	0	31.7
LA-MHD01.001	11RR2	LAS844184	03/13/1984	135.1	25	0	0	73	0	0	3	0	0	0	101
LA-MHD01.001	11RR2	LA00000061139	03/14/1984	88	43.9	0	0	0	0	0	8	0	0	0	51.9
LA-MHD01.001	11RR2	LAS842175	03/14/1984	90.3	5	0	20	28	0	0	3.2	0	0	0	56.2
LA-MHD01.001	11RR2	LAS842230	03/14/1984	106	55.3	0	0	5	7	2	9	0	0	0	78.3
LA-MHD01.001	11RR2	LAS842241	03/14/1984	95.5	45	0	15	3	0	0	4.8	0	0	0	67.8
LA-MHD01.001	11RR2	LAS842253	03/14/1984	128.4	25	0	0	59.3	0	0	10	0	0	0	84.3
LA-MHD01.001	11RR2	LAS842500	03/14/1984	66.1	3	0	10	12	0	0	7	0	0	0	32

LA-MHD01.001 11RR2	LAS843807	03/14/1984	60.2	17	0	0	3	0	0	6.1	0	0	0	26.1
LA-MHD01.001 11RR2	LAS844009	03/14/1984	73.6	25	0	0	0	1	8	4.5	0	0	0	39.5
LA-MHD01.001 11RR2	LA00000059123	05/09/1984	50	2	0	0	1	3	0	9.9	0	0	0	15.9
LA-MHD01.001 11RR2	LAS842227	05/09/1984	82.4	8	0	15	20	0	0	5.3	0	0	0	48.3
LA-MHD01.001 11RR2	LAS844254	05/09/1984	52	1	0	0	0	12.3	0	11	0	0	0	24.3
LA-MHD01.001 11RR2	LAS844262	05/09/1984	140.3	30	0	0	65	0	0	11.2	0	0	0	106.2
LA-MHD01.001 11RR2	LAS844263	05/09/1984	123.7	34	0	0	50	0	0	5.6	0	0	0	89.6
LA-MHD01.001 11RR2	LAS844264	05/09/1984	101.4	49.3	0	0	15	0	0	3	0	0	0	67.3
LA-MHD01.001 11RR2	LAS844299	05/09/1984	93.2	25	0	0	29	0	0	5.1	0	0	0	59.1
LA-MHD01.001 11RR2	LAS844300	05/09/1984	130.9	35	0	0	58.6	0	0	3.2	0	0	0	96.8
LA-MHD01.001 11RR2	LAS844325	05/09/1984	56.7	5	0	5	10	0	0	2.6	0	0	0	22.6
LA-MHD01.001 11RR2	LAS844326	05/09/1984	71.7	8	0	13	12	0	0	4.6	0	0	0	37.6
LA-MHD01.001 11RR2	LAS844346	05/09/1984	58	10	0	4	5	1	0	3.9	0	0	0	23.9
LA-MHD01.001 11RR2	LAS844655	05/09/1984	95.5	25	0	0	33	0	0	3.4	0	0	0	61.4
LA-MHD01.001 11RR2	LAS844657	05/09/1984	59.1	1	0	1	15	5	0	3	0	0	0	25
LA-MHD01.001 11RR2	LAS844693	05/09/1984	113.3	35	0	0	34.2	0	0	10	0	0	0	79.2
LA-MHD01.001 11RR2	LAS844694	05/09/1984	104	30	0	0	36	0	0	3.8	0	0	0	69.8
LA-MHD01.001 11RR2	LAS844710	05/09/1984	82	32	0	10	0	0	0	5.9	0	0	0	47.9
LA-MHD01.001 11RR2	LAS844944	05/09/1984	53	6	0	0	0	0	1	18.3	0	0	0	25.3
LA-MHD01.001 11RR2	LAS844946	05/09/1984	94.2	15	0	0	35.1	6	0	4	0	0	0	60.1
LA-MHD01.001 11RR2	LA00000060747	05/10/1984	97.8	82.1	0	0	0	0	0	8	0	0	0	70.1
LA-MHD01.001 11RR2	LAS842217	05/10/1984	71.9	6	0	4	20	0	0	7.8	0	0	0	37.8
LA-MHD01.001 11RR2	LAS844203	05/10/1984	109.2	20	0	0	49.1	0	0	6	0	0	0	75.1
LA-MHD01.001 11RR2	LAS844216	05/10/1984	139.1	40	0	1	61	0	0	3	0	0	0	105
LA-MHD01.001 11RR2	LAS844217	05/10/1984	122.4	35	0	0	48	0	0	5.3	0	0	0	88.3
LA-MHD01.001 11RR2	LAS844218	05/10/1984	112.3	35	0	0	40	0	0	3.2	0	0	0	78.2
LA-MHD01.001 11RR2	LAS844220	05/10/1984	102.2	12	0	0	52.1	0	0	4	0	0	0	68.1
LA-MHD01.001 11RR2	LAS844231	05/10/1984	61.2	9	0	0	3	1	2	12.1	0	0	0	27.1
LA-MHD01.001 11RR2	LAS844243	05/10/1984	76.6	26	0	6	0	6	0	4.4	0	0	0	42.4
LA-MHD01.001 11RR2	LAS844256	05/10/1984	93.2	2	0	0	0	10	45.5	8	0	0	0	65.5
LA-MHD01.001 11RR2	LAS844259	05/10/1984	76.8	15	0	10	22	0	0	2.1	0	0	0	49.1
LA-MHD01.001 11RR2	LAS844271	05/10/1984	47.5	5	0	1	3	5	0	5.8	0	0	0	18.8
LA-MHD01.001 11RR2	LAS844275	05/10/1984	61.2	12.1	0	1	2	2	4	6	0	0	0	27.1
LA-MHD01.001 11RR2	LAS844286	05/10/1984	84.2	22.5	0	7	20	0	0	7	0	0	0	56.5
LA-MHD01.001 11RR2	LAS844343	05/10/1984	97.5	30	0	0	26.4	0	0	7	0	0	0	63.4
LA-MHD01.001 11RR2	LAS844345	05/10/1984	132.9	30	0	0	60	0	0	8.8	0	0	0	98.8
LA-MHD01.001 11RR2	LAS844561	05/10/1984	152.3	30	0	0	82	0	0	6.2	0	0	0	118.2
LA-MHD01.001 11RR2	LAS844562	05/10/1984	144.5	25	0	15	63.4	0	0	7	0	0	0	110.4
LA-MHD01.001 11RR2	LAS844718	05/10/1984	48.5	10	0	0	0	2	4	4.8	0	0	0	20.8
LA-MHD01.001 11RR2	LA00000059126	07/25/1984	81.8	44.1	0	1	0	0	0	9	0	0	0	54.1
LA-MHD01.001 11RR2	LA00000060940	07/25/1984	87	0	0	0	0	20.9	0	32	0	0	0	52.9
LA-MHD01.001 11RR2	LAS845025	07/25/1984	61.6	6	0	8	10	0	0	3.5	0	0	0	27.5
LA-MHD01.001 11RR2	LAS845071	07/25/1984	82.1	25	0	0	20	0	0	3	0	0	0	48
LA-MHD01.001 11RR2	LAS845079	07/25/1984	84.5	4	0	6	34.4	0	0	6	0	0	0	50.4
LA-MHD01.001 11RR2	LAS845083	07/25/1984	56	0	0	0	15	10	0	3.3	0	0	0	28.3
LA-MHD01.001 11RR2	LAS845089	07/25/1984	111.3	22	0	0	48	0	0	7.2	0	0	0	77.2
LA-MHD01.001 11RR2	LAS845090	07/25/1984	84.7	25	0	7	25	0	0	3.6	0	0	0	60.6
LA-MHD01.001 11RR2	LAS845099	07/25/1984	78.6	48	0	0	0	0	0	2.9	0	0	0	50.9
LA-MHD01.001 11RR2	LAS845117	07/25/1984	133.3	25	0	0	67	0	4	3.2	0	0	0	99.2
LA-MHD01.001 11RR2	LAS845123	07/25/1984	65	5	0	7	15	0	0	3.9	0	0	0	30.9
LA-MHD01.001 11RR2	LAS845183	07/25/1984	53	3	0	0	0	0	0	22.3	0	0	0	25.3
LA-MHD01.001 11RR2	LAS845190	07/25/1984	69.5	8	0	12	12	0	0	3.4	0	0	0	35.4
LA-MHD01.001 11RR2	LAS845205	07/25/1984	141.2	30	0	0	73.8	0	0	3.5	0	0	0	107.1

LA-MHD01.001 11RR2	LAS845206	07/25/1984	68.7	4	0	2	23.6	0	0	5	0	0	0	34.6
LA-MHD01.001 11RR2	LAS845207	07/25/1984	88.9	40	0	0	9	1	0	2.8	0	0	0	52.8
LA-MHD01.001 11RR2	LAS845209	07/25/1984	85.7	5	0	1	43	0	0	2.8	0	0	0	51.6
LA-MHD01.001 11RR2	LAS845231	07/25/1984	108.4	21	0	10	30	0	10	3.3	0	0	0	74.3
LA-MHD01.001 11RR2	LAS845232	07/25/1984	140.7	30	0	2	68	0	3	3.6	0	0	0	106.6
LA-MHD01.001 11RR2	LAS845234	07/25/1984	68	27	0	0	10	0	0	3.3	0	0	0	40.3
LA-MHD01.001 11RR2	LA00000060478	07/26/1984	65.3	12	0	2	5	0	7	5.2	0	0	0	31.2
LA-MHD01.001 11RR2	LA00000061061	07/26/1984	60	19.9	0	0	0	0	0	6	0	0	0	25.9
LA-MHD01.001 11RR2	LAS844578	07/26/1984	88.2	47.5	0	4	1	0	0	8	0	0	0	60.5
LA-MHD01.001 11RR2	LAS844582	07/26/1984	67.2	30.5	0	0.5	0.5	0	0	8	0	0	0	39.5
LA-MHD01.001 11RR2	LAS844591	07/26/1984	116.8	15	0	0	71	0	0	3.1	0	0	0	89.1
LA-MHD01.001 11RR2	LAS844592	07/26/1984	100.4	25	0	0	38	0	0	3.3	0	0	0	66.3
LA-MHD01.001 11RR2	LAS844593	07/26/1984	65.9	12	0	12	4	0	0	3.8	0	0	0	31.8
LA-MHD01.001 11RR2	LAS844598	07/26/1984	111.4	20	0	15	33.3	2	0	7	0	0	0	77.3
LA-MHD01.001 11RR2	LAS844605	07/26/1984	119.3	5	0	6	69.2	0	0	5	0	0	0	85.2
LA-MHD01.001 11RR2	LAS844614	07/26/1984	60.5	10	0	10	0	0	0	6.4	0	0	0	26.4
LA-MHD01.001 11RR2	LAS844615	07/26/1984	147.5	25	0	0	85	0	0	3.4	0	0	0	113.4
LA-MHD01.001 11RR2	LAS844628	07/26/1984	104.5	40	0	20	0	0	0	10.4	0	0	0	70.4
LA-MHD01.001 11RR2	LAS844646	07/26/1984	132.6	25	0	0	70	0	0	3.5	0	0	0	98.5
LA-MHD01.001 11RR2	LAS844649	07/26/1984	94.2	7	0	15	35	0	0	3.1	0	0	0	60.1
LA-MHD01.001 11RR2	LAS845012	07/26/1984	84.2	10	0	1	36.5	0	0	9	0	0	0	56.5
LA-MHD01.001 11RR2	LAS845020	07/26/1984	105.2	15	0	20	32	0	0	4.1	0	0	0	71.1
LA-MHD01.001 11RR2	LAS845030	07/26/1984	59.8	5.7	0	5	12	0	0	3	0	0	0	25.7
LA-MHD01.001 11RR2	LAS845037	07/26/1984	113.1	25	0	0.6	50	0	0	3.5	0	0	0	79
LA-MHD01.001 11RR2	LAS845043	07/26/1984	58.2	2	0	0	0	1.5	20	7	0	0	0	30.5
LA-MHD01.001 11RR2	LAS845058	07/26/1984	114.7	3	0	5	0	0.6	69	3	0	0	0	80.6
LA-MHD01.001 11RR2	LAS845064	07/26/1984	58	0	0	0	0	13.9	0	10	0	0	0	23.9
LA-MHD01.001 11RR2	LAS845070	07/26/1984	149	26	0	0	85.7	0	0	3.2	0	0	0	114.9
LA-MHD01.001 11RR2	LA00000060742	09/24/1984	57.9	10	0	0	0	0	0	13.8	0	0	0	23.8
LA-MHD01.001 11RR2	LA00000060906	09/24/1984	117.8	61.7	0	10	0	2	0	10	0	0	0	83.7
LA-MHD01.001 11RR2	LAS841246	09/24/1984	144.8	25	0	0	82	0	0	3.7	0	0	0	110.7
LA-MHD01.001 11RR2	LAS841247	09/24/1984	112.3	26	0	0	46	0	2	4.2	0	0	0	78.2
LA-MHD01.001 11RR2	LAS841260	09/24/1984	55.7	5	0	0	13	0	0	3.6	0	0	0	21.6
LA-MHD01.001 11RR2	LAS841275	09/24/1984	108.3	22	0	0	38.7	0	7.5	6	0	0	0	74.2
LA-MHD01.001 11RR2	LAS841276	09/24/1984	93.1	17	0	9	30	0	0	3	0	0	0	59
LA-MHD01.001 11RR2	LAS841279	09/24/1984	69.2	8	0	2	22	0	0	3.1	0	0	0	35.1
LA-MHD01.001 11RR2	LAS841280	09/24/1984	86.5	4	0	15	30	0	0	3.4	0	0	0	52.4
LA-MHD01.001 11RR2	LAS841301	09/24/1984	117.5	22.5	0	1	54	0	2.5	3.4	0	0	0	83.4
LA-MHD01.001 11RR2	LAS841302	09/24/1984	95.4	20	0	0	38	0	0	3.3	0	0	0	61.3
LA-MHD01.001 11RR2	LAS841316	09/24/1984	110.3	23	0	3	47	0	0	3.2	0	0	0	76.2
LA-MHD01.001 11RR2	LAS841318	09/24/1984	108.3	25	0	0	39	0	6	4.2	0	0	0	74.2
LA-MHD01.001 11RR2	LAS841334	09/24/1984	117.2	25	0	0	55	0	0	3.1	0	0	0	83.1
LA-MHD01.001 11RR2	LAS843538	09/24/1984	46.5	1	0	2	2	2	4	7.8	0	0	0	18.8
LA-MHD01.001 11RR2	LAS843680	09/24/1984	50.6	10.5	0	0	0	1	0	11.4	0	0	0	22.9
LA-MHD01.001 11RR2	LAS845371	09/24/1984	55.7	5	0	0	10	4	0	2.6	0	0	0	21.6
LA-MHD01.001 11RR2	LAS845377	09/24/1984	82.8	15.5	0	1.5	36.1	0	0	2	0	0	0	55.1
LA-MHD01.001 11RR2	LA00000059118	11/01/1984	60.2	15.1	0	5	0	1	2	3	0	0	0	26.1
LA-MHD01.001 11RR2	LA00000059149	11/01/1984	56.4	1	0	1	0	1	2	17.3	0	0	0	22.3
LA-MHD01.001 11RR2	LA00000061133	11/01/1984	66.5	22.4	0	3	1	0	0	6	0	0	0	32.4
LA-MHD01.001 11RR2	LAS841634	11/01/1984	115.6	25	0	0	47	0	0	10.5	0	0	0	82.5
LA-MHD01.001 11RR2	LAS841636	11/01/1984	100.9	30	0	8	20	0	0	8.8	0	0	0	66.8
LA-MHD01.001 11RR2	LAS843564	11/01/1984	98.7	22	0	0	38	1	0	3.6	0	0	0	64.6
LA-MHD01.001 11RR2	LAS843566	11/01/1984	104.1	30	0	0	29	0	8	3	0	0	0	70

LA-MHD01.001 11RR2	LAS843584	11/01/1984	61.5	30	0	0	0	0	0	3.8	0	0	0	33.8
LA-MHD01.001 11RR2	LAS843590	11/01/1984	76	33	0	2	0	10	0	3.3	0	0	0	48.3
LA-MHD01.001 11RR2	LAS843591	11/01/1984	85.5	43	0	0	0	10	0	4.8	0	0	0	57.8
LA-MHD01.001 11RR2	LAS843602	11/01/1984	148.7	30	0	0	81	0	0	3.6	0	0	0	114.6
LA-MHD01.001 11RR2	LAS843604	11/01/1984	77.8	25	0	0	8.7	0	2	8	0	0	0	43.7
LA-MHD01.001 11RR2	LAS843613	11/01/1984	49.1	3	0	0	10	0	0	2	0	0	0	15
LA-MHD01.001 11RR2	LAS843614	11/01/1984	48.1	3	0	4	5	0	0	2	0	0	0	14
LA-MHD01.001 11RR2	LAS843615	11/01/1984	50.2	6	0	0	7	0	0	3.1	0	0	0	16.1
LA-MHD01.001 11RR2	LAS843617	11/01/1984	44.2	3	0	0	4	0	0	3.1	0	0	0	10.1
LA-MHD01.001 11RR2	LAS843627	11/01/1984	125.5	32	0	0	56	0	0	3.4	0	0	0	91.4
LA-MHD01.001 11RR2	LAS843670	11/01/1984	65.2	6	0	8	14	0	0	3.1	0	0	0	31.1
LA-MHD01.001 11VE1	LAS843675	11/01/1984	60.1	0	0	0	0.07	0	0	25.4	0	0	0	25.47
LA-MHD01.001 11RR2	LAS845196	11/01/1984	72.2	21.5	0	0	20	0	2	1	0	0	0	44.5
LA-MHD01.001 11RR2	LAS845235	11/01/1984	81.4	36.7	0	0	6	3	0	8	0	0	0	53.7
LA-MHD01.001 11RR2	LAS845260	11/01/1984	95.4	25	0	10	15	0	5	6.3	0	0	0	61.3
LA-MHD01.001 11RR2	LAS845319	11/01/1984	52.2	0	0	0	0	6	6	21.5	1	0	0	34.5
LA-MHD01.001 11RR2	LAS845327	11/01/1984	57.2	5	0	1	14.5	2	0	7	0	0	0	29.5
LA-MHD01.001 11RR2	LAS845350	11/01/1984	129	30	0	8	46	0	5	5.9	0	0	0	94.9
LA-MHD01.001 11RR2	LAS845351	11/01/1984	106.7	58.6	0	0	10	0	1	3	0	0	0	72.6
LA-MHD01.001 11RR2	LAS845363	11/01/1984	84.4	5	0	2	0	4	36.7	9	0	0	0	56.7
LA-MHD01.001 11RR2	LAS845364	11/01/1984	79.2	39.5	0	2	0	4	0	6	0	0	0	51.5
LA-MHD01.001 11RR2	LAS845369	11/01/1984	86.7	20	0	0	22	0	4	6.6	0	0	0	52.6
LA-MHD01.001 11RR2	LAS845370	11/01/1984	117.1	25	0	0	55	0	0	3	0	0	0	83
LA-MHD01.001 11RR2	LAS846007	11/01/1984	72.8	42	0	0	0.1	0	0	3	0	0	0	45.1
LA-MHD01.001 11RR2	LAS846019	11/01/1984	96.2	20	0	1	26.1	0	0	15	0	0	0	62.1
LA-MHD01.001 11RR2	LAS846042	12/19/1984	67.4	5	0	19.7	7	0	0	8	0	0	0	39.7
LA-MHD01.001 11RR2	LAS846046	12/19/1984	61.9	16	0	0	0	0	6	5.8	0	0	0	27.8
LA-MHD01.001 11RR2	LAS846075	12/19/1984	88.9	25	0	0	25	0	0	4.6	0	0	0	54.8
LA-MHD01.001 11RR2	LAS846077	12/19/1984	83.7	20	0	0	17	0	9.6	3	0	0	0	49.6
LA-MHD01.001 11RR2	LAS846078	12/19/1984	80.8	20	0	0	23	0	0	3.7	0	0	0	46.7
LA-MHD01.001 11RR2	LAS846079	12/19/1984	53.4	2	0	1	0	0	3.5	19.2	0	0	0	25.7
LA-MHD01.001 11RR2	LAS846092	12/19/1984	69.4	8	0	12	12	0	0	3.3	0	0	0	35.3
LA-MHD01.001 11RR2	LAS846094	12/19/1984	48.6	5	0	0	7.5	0	0	2	0	0	0	14.5
LA-MHD01.001 11RR2	LAS846120	12/19/1984	90.7	20	0	0	23.6	0	0	8	5	0	0	56.6
LA-MHD01.001 11RR2	LAS846122	12/19/1984	88.2	20	0	0	23	0	5	6.1	0	0	0	54.1
LA-MHD01.001 11RR2	LAS846150	12/19/1984	103.3	20	0	0	38	0	8	3.2	0	0	0	69.2
LA-MHD01.001 11RR2	LAS846664	12/19/1984	95.7	25	0	0	33	0	0	3.6	0	0	0	61.6
LA-MHD01.001 11RR2	LAS846666	12/19/1984	71.2	10	0	10	17	3	0	3.5	0	0	0	43.5
LA-MHD01.001 11RR2	LAS846667	12/19/1984	76.4	7	0	6	20	2	4	3.3	0	0	0	42.3
LA-MHD01.001 11RR2	LAS846716	12/19/1984	91.2	30	0	5	23	2	1	2.5	0	0	0	63.5
LA-MHD01.001 11RR2	LA00000061137	12/31/1984	67	22.9	0	0	6	0	0	5	0	0	0	32.9
LA-MHD01.001 11RR2	LAS846089	12/31/1984	47	1	0	0	0	10	5	3.3	0	0	0	19.3
LA-MHD01.001 11RR2	LAS846097	12/31/1984	73.6	8	0	10	15	2.5	0	4	0	0	0	39.5
LA-MHD01.001 11RR2	LAS846154	12/31/1984	57.2	4	0	2	0	1	0	22.5	0	0	0	29.5
LA-MHD01.001 11RR2	LAS846161	12/31/1984	102.1	5	0	10	0	10	38	5	0	0	0	68
LA-MHD01.001 11RR2	LAS846170	12/31/1984	66.6	25	0	0	0	3.9	0	10	0	0	0	38.9
LA-MHD01.001 11RR2	LAS846185	12/31/1984	98.7	25	0	0	35	0	0	4.6	0	0	0	64.6
LA-MHD01.001 11RR2	LAS846188	12/31/1984	70.5	10	0	10	10	0	0	6.4	0	0	0	36.4
LA-MHD01.001 11RR2	LAS846578	12/31/1984	101.6	55.5	0	0	0	0	0	2	0	0	0	67.5
LA-MHD01.001 11RR2	LAS846646	12/31/1984	96.7	25	0	0	25	0	9	3.6	0	0	0	62.6
LA-MHD01.001 11RR2	LAS851609	02/10/1985	86.3	9	0	15	25	0	0	3.2	0	0	0	52.2
LA-MHD01.001 11RR2	LAS851567	02/11/1985	62.5	17	0	0	0	14	0	3.8	0	0	0	34.8
LA-MHD01.001 11RR2	LAS851611	02/11/1985	116.1	40	0	10	28	0	0	4	0	0	0	82

LA-MHD01.001	11RR2	LAS851612	02/11/1985	133.2	65	0	10	5.5	0	0	25	0	0	0	105.5
LA-MHD01.001	11RR2	LAS851698	02/11/1985	85.6	10	0	0	36	0	0	5.5	0	0	0	51.5
LA-MHD01.001	11RR2	LAS851420	02/12/1985	56.2	7	0	2	10	0	0	3.1	0	0	0	22.1
LA-MHD01.001	11RR2	LAS851566	02/12/1985	94.6	25	0	0	32	0	0	3.5	0	0	0	60.5
LA-MHD01.001	11RR2	LAS851716	02/12/1985	55	13	0	0	0	10	0	4.3	0	0	0	27.3
LA-MHD01.001	11RR2	LAS851751	02/12/1985	56.5	5	0	3	12	0	0	2.4	0	0	0	22.4
LA-MHD01.001	11RR2	LA00000059111	03/18/1985	64.9	4	0	2	16	5	0	3.8	0	0	0	30.8
LA-MHD01.001	11RR2	LA00000059122	03/18/1985	100	9	0	1	50	2	0	3.9	0	0	0	65.9
LA-MHD01.001	11RR2	LAS851775	03/18/1985	99.9	68.5	0	0	0	0	0	3.6	0	0	0	72.1
LA-MHD01.001	11RR2	LAS851875	03/18/1985	101	61	0	0	0	0	0	5.9	0	0	0	66.9
LA-MHD01.001	11RR2	LAS852504	03/18/1985	103.2	26	0	0	40	0	0	3.1	0	0	0	69.1
LA-MHD01.001	11RR2	LAS852507	03/18/1985	65.7	5	0	5	19	0	0	2.6	0	0	0	31.6
LA-MHD01.001	11RR2	LAS852516	03/18/1985	89	46	0	5	0	0	0	3.9	0	0	0	54.9
LA-MHD01.001	11RR2	LAS852529	03/18/1985	95.4	55.7	0	2	0	1	0	9	0	0	0	67.7
LA-MHD01.001	11RR2	LA00000060400	03/21/1985	89.3	15	0	17	20	0	0	3.2	0	0	0	55.2
LA-MHD01.001	11RR2	LA00000060490	03/21/1985	117	25	0	0	0	2.9	0	55	0	0	0	82.9
LA-MHD01.001	11RR2	LA00000060769	03/21/1985	72.2	28.5	0	2	2	0	0	12	0	0	0	44.5
LA-MHD01.001	11RR2	LA00000061124	03/21/1985	92	50.9	0	0	0	0	0	7	0	0	0	57.9
LA-MHD01.001	11RR2	LAS851754	03/21/1985	120.7	25	0	0	58	0	0	3.8	0	0	0	86.8
LA-MHD01.001	11RR2	LAS851779	03/21/1985	42	10	0	0	0	0	0	4.3	0	0	0	14.3
LA-MHD01.001	11RR2	LAS851788	03/21/1985	96.5	56	0	1	0	0	0	5.4	0	0	0	62.4
LA-MHD01.001	11RR2	LAS851801	03/21/1985	84	40	0	5	0	0	0	4.9	0	0	0	49.9
LA-MHD01.001	11RR2	LAS851831	03/21/1985	96.8	9	0	1	50.1	0	0	9	0	0	0	69.1
LA-MHD01.001	11RR2	LAS852503	03/21/1985	109.6	25	0	1	40	0	5.5	4	0	0	0	75.5
LA-MHD01.001	11RR2	LAS852544	03/21/1985	69.2	2	0	0	0	10	21.5	8	0	0	0	41.5
LA-MHD01.001	11RR1	LAS852568	03/21/1985	109.1	25	0	0	47	0	0	3	0	0	0	75
LA-MHD01.001	11RR2	LA00000059297	04/16/1985	77.4	12	0	0	0	0	33.7	4	0	0	0	49.7
LA-MHD01.001	11RR2	LA00000060485	04/16/1985	74.6	32	0	5	0	0	0	3.5	0	0	0	40.5
LA-MHD01.001	11RR2	LA00000060721	04/16/1985	82	10	0	8	27.3	0	0	9	0	0	0	54.3
LA-MHD01.001	11VE2	LAS852043	04/16/1985	59.2	0	0	0.21	6.64	0	0.46	16.76	0	0	0	24.07
LA-MHD01.001	11RR2	LAS852585	04/16/1985	102.8	20	0	0	20	0	20	8.7	0	0	0	68.7
LA-MHD01.001	11RR2	LAS852587	04/16/1985	117.6	20	0	0	53	0	5	5.5	0	0	0	83.5
LA-MHD01.001	11RR2	LAS852589	04/16/1985	75.7	10	0	10	17	0	0	4.6	0	0	0	41.6
LA-MHD01.001	11RR2	LAS852984	04/16/1985	71.5	19	0	0	14	0	0	4.4	0	0	0	37.4
LA-MHD01.001	11RR2	LAS852986	04/16/1985	133.3	30	0	0	63	0	0	6.2	0	0	0	89.2
LA-MHD01.001	11RR2	LAS852988	04/16/1985	57.6	7	0	0	10	0	0	6.5	0	0	0	23.5
LA-MHD01.001	11RR2	LAS853022	04/16/1985	139.4	30	0	0	71	0	0	4.3	0	0	0	105.3
LA-MHD01.001	11RR2	LAS853023	04/16/1985	123.6	30	0	0	56	0	0	3.5	0	0	0	89.5
LA-MHD01.001	11RR2	LAS853024	04/16/1985	123.2	50	0	0	27	0	9.1	3	0	0	0	89.1
LA-MHD01.001	11RR2	LAS853067	04/16/1985	94.6	9	0	0	48.5	0	0	3	0	0	0	60.5
LA-MHD01.001	11RR2	LA00000060403	05/14/1985	79	35	0	0	2	0	0	14.3	0	0	0	51.3
LA-MHD01.001	11RR2	LA00000060471	05/14/1985	58.2	4	0	1	3	0	1	21.5	0	0	0	30.5
LA-MHD01.001	11RR2	LA00000060486	05/14/1985	61.4	7	0	1	0	1	2	16.3	0	0	0	27.3
LA-MHD01.001	11RR2	LA00000061090	05/14/1985	59.2	16.5	0	0	0	4	0	11	0	0	0	31.5
LA-MHD01.001	11RR2	LAS852891	05/14/1985	72	22.1	0	0	0.2	2	12	8	0	0	0	44.3
LA-MHD01.001	11RR2	LAS852906	05/14/1985	46.5	5	0	0	5	2	2	4.8	0	0	0	18.8
LA-MHD01.001	11RR2	LAS852927	05/14/1985	63.2	7	0	0	20	0	0	2.1	0	0	0	29.1
LA-MHD01.001	11RR2	LAS852930	05/14/1985	89.8	30.1	0	1	20	0	0	11	0	0	0	62.1
LA-MHD01.001	11RR2	LAS852957	05/14/1985	89	20	0	0	32	0	0	2.9	0	0	0	54.9
LA-MHD01.001	11RR2	LAS853284	05/14/1985	84.5	45	0	2	0	0	0	3.4	0	0	0	50.4
LA-MHD01.001	11RR2	LAS853291	05/14/1985	86.1	10	0	0	38	0	0	4	0	0	0	52
LA-MHD01.001	11RR2	LAS853562	07/08/1985	98	3	0	0	52	5	0	3.9	0	0	0	63.9
LA-MHD01.001	11VE1	LA00000059195	07/09/1985	89.6	3.77	0	20.83	0.45	2.31	12.23	13.85	0	0	0	53.44

LA-MHD01.001	11RR2	LA00000060404	07/09/1985	85.6	18	0	1.1	36	1	0	1.8	0	0	0	57.9
LA-MHD01.001	11RR2	LA00000061095	07/09/1985	78	37	0	1	0	0	0	5.9	0	0	0	43.9
LA-MHD01.001	11RR2	LAS853456	07/09/1985	90	18	0	0	31.9	0	0	6	0	0	0	55.9
LA-MHD01.001	11RR2	LAS853494	07/09/1985	58	17	0	0	0	10	0	3.3	0	0	0	30.3
LA-MHD01.001	11RR2	LAS853549	07/09/1985	66.2	26.4	0	0	0	8	0.1	4	0	0	0	38.5
LA-MHD01.001	11RR2	LAS853561	07/09/1985	76.4	20.7	0	15	1	2	0	10	0	0	0	48.7
LA-MHD01.001	11RR2	LAS853713	07/09/1985	60.4	2	0	0	6	1	1	22.7	0	0	0	32.7
LA-MHD01.001	11RR2	LAS853721	07/09/1985	84	35	0	5	0	0	5	4.9	0	0	0	49.9
LA-MHD01.001	11RR2	LAS853725	07/09/1985	48.2	4	0	0	0	3	0	13.5	0	0	0	20.5
LA-MHD01.001	11RR2	LAS853726	07/09/1985	62.8	29.6	0	0	0.2	0	1.3	4	0	0	0	35.1
LA-MHD01.001	11RR2	LA00000059117	07/10/1985	70.4	30.7	0	3	1	0	0	8	0	0	0	42.7
LA-MHD01.001	11RR2	LA00000059296	07/10/1985	86.8	54.1	0	0	0	0	0	5	0	0	0	59.1
LA-MHD01.001	11RR2	LA00000060875	07/10/1985	47	10	0	0	0	1	0	1.9	0	0	0	12.9
LA-MHD01.001	11RR2	LAS853292	07/10/1985	78	34.9	0	5	3	0	0	2	0	0	0	44.9
LA-MHD01.001	11RR2	LAS853294	07/10/1985	88.6	52.9	0	0	0	2	0	6	0	0	0	60.9
LA-MHD01.001	11RR2	LAS853296	07/10/1985	75	32	0	4	1	0	0	3.9	0	0	0	40.9
LA-MHD01.001	11RR2	LAS853351	07/10/1985	78	35.9	0	1	0	0	0	7	0	0	0	43.9
LA-MHD01.001	11RR2	LAS853458	07/10/1985	57.6	8	0	0	1	2	0	18.9	0	0	0	29.9
LA-MHD01.001	11RR2	LAS853619	07/10/1985	66.6	6	0	0	23	0	0	3.5	0	0	0	32.5
LA-MHD01.001	11RR2	LAS853631	07/10/1985	45.8	1.5	0	0	0	0.5	1.3	14.8	0	0	0	18.1
LA-MHD01.001	11RR2	LA00000059143	08/20/1985	54.8	2.2	0	0	0	1	0.1	23.8	0	0	0	27.1
LA-MHD01.001	11RR2	LA00000060435	08/20/1985	111.2	45	0	0	25	0	0	7.1	0	0	0	77.1
LA-MHD01.001	11RR2	LA00000060701	08/20/1985	88.8	54.6	0	0	0	0	0	4.5	0	0	0	59.1
LA-MHD01.001	11RR2	LA00000060710	08/20/1985	82.8	10	0	0	25	5	0	8.7	0	0	0	48.7
LA-MHD01.001	11RR2	LA00000061116	08/20/1985	78.6	5	0	0	0	1	30.9	14	0	0	0	50.9
LA-MHD01.001	11RR2	LAS853810	08/20/1985	53	6	0	0	0	4	2	13.3	0	0	0	25.3
LA-MHD01.001	11RR2	LAS853817	08/20/1985	64.5	25	0	0	0	0	0	5.4	0	0	0	30.4
LA-MHD01.001	11RR2	LAS853821	08/20/1985	90	36.3	0	0	15	2	0	9	0	0	0	62.3
LA-MHD01.001	11RR2	LAS853825	08/20/1985	66.2	1.5	0	0	0.2	0.1	5.2	31.5	0	0	0	38.5
LA-MHD01.001	11RR2	LAS853827	08/20/1985	54.5	16	0	0	0	0	0	4.4	0	0	0	20.4
LA-MHD01.001	11VE1	LAS853832	08/20/1985	76.5	3.69	0	15.78	1.86	0.87	1.16	15.56	0	0	0	39.22
LA-MHD01.001	11RR2	LAS853839	08/20/1985	69.8	25.6	0	0	2.5	0	0	14	0	0	0	42.1
LA-MHD01.001	11RR2	LAS853867	08/20/1985	74.6	8	0	2	29.9	0	0	7	0	0	0	46.9
LA-MHD01.001	11RR2	LAS853879	08/20/1985	54.6	13.9	0	1	2	1	3	6	0	0	0	26.9
LA-MHD01.001	11RR2	LAS853892	08/20/1985	61.6	7.9	0	8	0	2	5	11	0	0	0	33.9
LA-MHD01.001	11RR2	LAS853893	08/20/1985	68.4	16.3	0	0	5	3	4	5	1	0	0	34.3
LA-MHD01.001	11RR2	LAS853897	08/20/1985	72.8	10	0	2	26.1	0	0	7	0	0	0	45.1
LA-MHD01.001	11RR2	LAS854575	08/20/1985	40.4	0.5	0.5	0	0	0	0	11.7	0	0	0	12.7
LA-MHD01.001	11RR2	LA00000060483	08/21/1985	81.2	40	0	2	2	0	0	3.1	0	0	0	47.1
LA-MHD01.001	11RR2	LAS853736	08/21/1985	87.4	12	0	1	35.7	3	0	8	0	0	0	59.7
LA-MHD01.001	11RR2	LAS853813	08/21/1985	73.6	23.9	0	3	10	0	0	9	0	0	0	45.9
LA-MHD01.001	11RR2	LAS853859	08/21/1985	79.7	15	0	7	18	0	0	5.6	0	0	0	45.6
LA-MHD01.001	11RR2	LAS853862	08/21/1985	108.5	65	0	3	0	1	0	3.4	0	0	0	72.4
LA-MHD01.001	11RR2	LAS854577	08/21/1985	72	24.3	0	3	5	0	0	12	0	0	0	44.3
LA-MHD01.001	11RR2	LA00000059171	10/10/1985	104.6	40	0	5	20	2	0	3.5	0	0	0	70.5
LA-MHD01.001	11RR2	LA00000061055	10/10/1985	84	46	0	0	0	0	0	3.9	0	0	0	49.9
LA-MHD01.001	11RR2	LAS854613	10/10/1985	93.2	63	0	0	0	0	0.7	1.8	0	0	0	65.5
LA-MHD01.001	11RR2	LAS855133	10/10/1985	51	5.8	0	1.5	0	8	0	8	0	0	0	23.3
LA-MHD01.001	11RR2	LAS855213	10/10/1985	69.9	3	0	3	5	1	15	8.8	0	0	0	35.8
LA-MHD01.001	11RR2	LAS855232	10/10/1985	71.2	30	0	0	1	1	0	11.5	0	0	0	43.5
LA-MHD01.001	11RR2	LAS855237	10/10/1985	80.6	28.5	0	2	8	4	0	4	0	0	0	46.5
LA-MHD01.001	11RR2	LAS855285	10/10/1985	74.8	34.1	0	0	3	0	0	10	0	0	0	47.1
LA-MHD01.001	11RR2	LAS855303	10/10/1985	75	2	0	0	0	0	10.4	34.9	0	0	0	47.3

LA-MHD01.001 11RR2	LA00000059106	11/20/1985	62.4	5	0	0	4	2	4	19.7	0	0	0	34.7
LA-MHD01.001 11RR2	LA00000059133	11/20/1985	71	5	0	0	1	1	21	15.3	0	0	0	43.3
LA-MHD01.001 11RR2	LA00000059293	11/20/1985	100.2	47.5	0	0	0	0	5	20	0	0	0	72.5
LA-MHD01.001 11RR2	LA00000060707	11/20/1985	90	56.1	0	0	0	0	0.2	6	0	0	0	62.3
LA-MHD01.001 11RR2	LA00000060808	11/20/1985	60	0	0	0	0	0	37	8.9	0	0	0	45.9
LA-MHD01.001 11RR2	LA00000061050	11/20/1985	80.5	43	0	0	0	0	0	3.4	0	0	0	46.4
LA-MHD01.001 11RR2	LAS854605	11/20/1985	66	10	0	1	3	2	16.3	6	0	0	0	38.3
LA-MHD01.001 11RR2	LAS855131	11/20/1985	77.5	45	0	0	0	1	0	3.8	0	0	0	49.8
LA-MHD01.001 11RR2	LAS855513	11/20/1985	63.5	17	0	0	0	15	0	3.8	0	0	0	35.8
LA-MHD01.001 11RR2	LAS855515	11/20/1985	86.4	10	0	0	40.7	0	0	8	0	0	0	58.7
LA-MHD01.001 11RR2	LAS855520	11/20/1985	61.6	4	0	0.1	1	5	9	14.8	0	0	0	33.9
LA-MHD01.001 11RR2	LAS855573	11/20/1985	96.2	10	0	10	39.5	0	0	9	0	0	0	68.5
LA-MHD01.001 11RR2	LAS855526	11/20/1985	66.9	10	0	0	10	10	0	2.8	0	0	0	32.8
LA-MHD01.001 11RR2	LAS855579	11/20/1985	62	20	0	0	0	9	0	5.3	0	0	0	34.3
LA-MHD01.001 11RR2	LAS855582	11/20/1985	76.8	43.1	0	0	0	3	0	3	0	0	0	49.1
LA-MHD01.001 11RR2	LAS855624	11/20/1985	65	7.9	0	6	4	8	0	5	0	0	0	30.9
LA-MHD01.001 11RR2	LAS855625	11/20/1985	56.8	1.5	0	0	0.1	0.2	20.3	7	0	0	0	28.1
LA-MHD01.001 11RR2	LAS855628	11/20/1985	95.4	9.7	0	0	50	0	0	8	0	0	0	67.7
LA-MHD01.001 11RR2	LAS855692	11/20/1985	50.8	8	0	0	0	7	0	8.1	0	0	0	23.1
LA-MHD01.001 11RR2	LAS855694	11/20/1985	60.5	24	0	0	0	0	0	8.8	0	0	0	32.8
LA-MHD01.001 11RR2	LAS855769	11/20/1985	79.2	37.5	0	0	5	2	0	7	0	0	0	51.5
LA-MHD01.001 11RR2	LAS855774	11/20/1985	57	5	0	0	0	12	0	12.3	0	0	0	29.3
LA-MHD01.001 11RR2	LAS855800	11/20/1985	59.8	1.5	0	0	1	4	7	18.6	0	0	0	32.1
LA-MHD01.001 11RR2	LA00000060439	12/17/1985	117.8	38	0	20	20	2	0	3.7	0	0	0	83.7
LA-MHD01.001 11RR2	LA00000060909	12/17/1985	119.6	59	0	6	15	0	0	5.5	0	0	0	85.5
LA-MHD01.001 11RR2	LAS854610	12/17/1985	82.2	12	0	0	34.5	0	0	8	0	0	0	54.5
LA-MHD01.001 11RR2	LAS854640	12/17/1985	80.6	2	0	0	0	2	3	25.9	0	0	0	32.9
LA-MHD01.001 11RR2	LAS854647	12/17/1985	64	23.9	0	1	0	0	0	5	0	0	0	29.9
LA-MHD01.001 11RR2	LAS855674	12/17/1985	83	38.9	0	0	0	3	0	7	0	0	0	48.9
LA-MHD01.001 11RR2	LAS855813	12/17/1985	68.2	1	0	0	0	15	4	20.5	0	0	0	40.5
LA-MHD01.001 11RR2	LAS855859	12/17/1985	94.6	20	0	17	20	0	0	3.5	0	0	0	80.5
LA-MHD01.001 11RR2	LAS855890	12/17/1985	70.2	6	4	0	3	2	0.2	27.3	0	0	0	42.5
LA-MHD01.001 11RR2	LAS855905	12/17/1985	89.5	30	0	0	20	0	0	5.4	0	0	0	55.4
LA-MHD01.001 11RR2	LAS855922	12/17/1985	79.8	8	0	1	0	1	35.1	7	0	0	0	52.1
LA-MHD01.001 11RR2	LAS856116	12/17/1985	97	25	0	0	33	0	0	4.9	0	0	0	62.9
LA-MHD01.001 11RR2	LAS856118	12/17/1985	87.6	30	0	0	20.9	0	0	9	0	0	0	59.9
LA-MHD01.001 11RR2	LAS856121	12/17/1985	84.4	47.7	0	0	1	0	0	8	0	0	0	56.7
LA-MHD01.001 11RR2	LA00000059106	02/19/1986	58.8	11	0	0	5	3	3	2.7	0	0	0	24.7
LA-MHD01.001 11RR2	LA00000059127	02/19/1986	92.6	54.9	0	2	0	0	0	8	0	0	0	64.9
LA-MHD01.001 11RR2	LA00000059166	02/19/1986	72	7	0	0	1	3	8	25.3	0	0	0	44.3
LA-MHD01.001 11RR2	LA00000059169	02/19/1986	86.2	53	0	1.5	0	0	0	4	0	0	0	58.5
LA-MHD01.001 11RR2	LA00000059284	02/19/1986	100.8	48	0	0	0	0	0	25.1	0	0	0	73.1
LA-MHD01.001 11RR2	LA00000060716	02/19/1986	105.2	45.5	0	3	20	1	0	8	0	0	0	77.5
LA-MHD01.001 11RR2	LA00000060734	02/19/1986	77.4	8	0	15	0	1	1	21.7	3	0	0	49.7
LA-MHD01.001 11RR2	LA00000060735	02/19/1986	103.9	32.8	0	0	30	4	0	3	0	0	0	69.8
LA-MHD01.001 11RR2	LA00000061048	02/19/1986	70.5	31.4	0	0	0	2	0	3	0	0	0	36.4
LA-MHD01.001 11RR2	LAS860166	02/19/1986	70.4	28.7	0	6	0	0	0	8	0	0	0	42.7
LA-MHD01.001 11RR2	LAS860185	02/19/1986	88.6	6.9	0	0	45	0	0	9	0	0	0	60.9
LA-MHD01.001 11RR2	LAS861728	02/19/1986	111.2	72.5	0	1	0	0	0	10	0	0	0	83.5
LA-MHD01.001 11RR2	LAS861729	02/19/1986	82.2	38.5	0	3	1	0	0	12	0	0	0	54.5
LA-MHD01.001 11RR2	LAS861741	02/19/1986	75.4	10	0	1	28.7	0	0	8	0	0	0	47.7
LA-MHD01.001 11RR2	LAS861750	02/19/1986	88.6	52.1	0	5	0	0	2	1.8	0	0	0	60.9
LA-MHD01.001 11RR2	LAS861761	02/19/1986	90.4	50	0	2.7	0	0	0	10	0	0	0	62.7

LA-MHD01.001	11RR2	LAS861771	02/18/1986	101.5	57.6	0	3	0	0	0	6.8	0	0	0	67.4
LA-MHD01.001	11RR2	LAS861772	02/18/1986	105	40.3	0	15	15	0	0	7	0	0	0	77.3
LA-MHD01.001	11RR2	LAS861774	02/18/1986	47.2	2.5	0	0	0	0	1.6	15.2	0	0	0	19.5
LA-MHD01.001	11RR2	LAS861780	02/18/1986	84.8	10	0	1	36.1	0	0	10	0	0	0	57.1
LA-MHD01.001	11RR2	LAS861813	02/18/1986	80.5	42	0	0	0	0	0	4.4	0	0	0	46.4
LA-MHD01.001	11RR2	LAS861814	02/18/1986	87.4	12	0	15	24.7	0	0	8	0	0	0	59.7
LA-MHD01.001	11RR2	LAS861826	02/18/1986	82.2	27.1	0	5	10	0	0	6	0	0	0	48.1
LA-MHD01.001	11RR2	LAS862046	02/18/1986	77.5	38	0	1	0	0	0	4.4	0	0	0	43.4
LA-MHD01.001	11RR2	LAS862047	02/18/1986	87.5	18	0	0	30	0	0	5.4	0	0	0	53.4
LA-MHD01.001	11RR2	LAS862049	02/18/1986	70.4	9.7	0	8	15	0	0	10	0	0	0	42.7
LA-MHD01.001	11RR2	LAS862207	02/19/1986	72.6	33.9	0	1	2	0	0	8	0	0	0	44.9
LA-MHD01.001	11RR2	LA00000059121	02/20/1986	85.6	12	0	0	36.9	0	0	9	0	0	0	57.9
LA-MHD01.001	11RR2	LA00000059282	02/20/1986	94.8	2	0	0	48.1	6	3	8	0	0	0	67.1
LA-MHD01.001	11RR2	LA00000060713	02/20/1986	82	44.3	0	1	0	0	0	9	0	0	0	54.3
LA-MHD01.001	11RR2	LA00000060725	02/20/1986	101	6	0	3	44.3	0	0	20	0	0	0	73.3
LA-MHD01.001	11RR2	LA00000060733	02/20/1986	128.6	15	0	30	43.4	4	0	2	0	0	0	84.4
LA-MHD01.001	11RR2	LAS860143	02/20/1986	76	10	0	1	30.3	0	0	7	0	0	0	48.3
LA-MHD01.001	11RR2	LA00000059141	04/08/1986	84.4	35.3	0	5	2	0	0	8	0	0	0	50.3
LA-MHD01.001	11RR2	LA00000059156	04/08/1986	68.2	6	0	5	0	2	18.5	9	0	0	0	40.5
LA-MHD01.001	11RR2	LA00000060475	04/08/1986	58.6	3	0	0	0	2	10.9	15	0	0	0	30.9
LA-MHD01.001	11RR2	LA00000060480	04/08/1986	82.4	3	0	1	0	0	41.7	9	0	0	0	54.7
LA-MHD01.001	11RR2	LA00000061058	04/08/1986	75	36	0	0	0	0	0	4.9	0	0	0	40.9
LA-MHD01.001	11RR2	LAS862249	04/08/1986	111	71	0	0	2	0	0	3.9	0	0	0	76.9
LA-MHD01.001	11RR2	LAS862261	04/08/1986	48	9	0	0	0	2	0	2.9	0	0	0	13.9
LA-MHD01.001	11RR2	LAS862273	04/08/1986	56.4	12	0	0	6	2	0	8.7	0	0	0	28.7
LA-MHD01.001	11RR2	LA00000059142	04/09/1986	93	55	0	0	0	0	0	3.9	0	0	0	58.9
LA-MHD01.001	11RR2	LA00000060487	04/09/1986	89.8	51.7	0	1	0	0	0	3	0	0	0	55.7
LA-MHD01.001	11RR2	LA00000060726	04/09/1986	93.2	10	0	1	39.5	5	0	10	0	0	0	65.5
LA-MHD01.001	11RR2	LAS861954	04/09/1986	69.5	30	0	0	0	0	0	5.4	0	0	0	35.4
LA-MHD01.001	11RR2	LAS862083	04/09/1986	66	18	0	0	29	0	0	4.9	0	0	0	51.9
LA-MHD01.001	11RR2	LA00000059128	05/13/1986	68.8	7	0	5	1	0	12	16.1	0	0	0	41.1
LA-MHD01.001	11RR2	LA00000059291	05/13/1986	125.8	61.9	0	0	7	3	5.2	21	0	0	0	98.1
LA-MHD01.001	11RR2	LA00000060434	05/13/1986	76	15	0	0	25.3	0	0	8	0	0	0	48.3
LA-MHD01.001	11RR2	LA00000060495	05/13/1986	58.2	15	0	0	0	2	4	3.1	0	0	0	24.1
LA-MHD01.001	11RR2	LA00000060706	05/13/1986	65.4	2	0	10	0	3	0	22.7	0	0	0	37.7
LA-MHD01.001	11RR2	LA00000060805	05/13/1986	75.4	13	0	24.7	1	0	0	9	0	0	0	47.7
LA-MHD01.001	11RR2	LAS862375	05/13/1986	66.4	7.7	0	3	3	0	15	10	0	0	0	38.7
LA-MHD01.001	11RR2	LAS862457	05/13/1986	79	24.3	0	0	20	0	0	7	0	0	0	51.3
LA-MHD01.001	11RR2	LAS862471	05/13/1986	80.6	26.9	0	0.5	15	0.5	0	10	0	0	0	52.9
LA-MHD01.001	11RR2	LA00000059191	07/08/1986	101.6	49.5	0	5	10	0	0	3	0	0	0	67.5
LA-MHD01.001	11RR2	LA00000060437	07/08/1986	88.9	7	0	0.4	44	0	0	3.4	0	0	0	54.8
LA-MHD01.001	11RR2	LA00000060438	07/08/1986	102.2	15	0	5	44.5	0	2	8	0	0	0	74.5
LA-MHD01.001	11RR2	LA00000060727	07/08/1986	98.4	20	0	5	20	10	0	9.3	0	0	0	84.3
LA-MHD01.001	11RR2	LA00000060942	07/08/1986	72.6	31.8	0	2	0	3	0	8	0	0	0	44.8
LA-MHD01.001	11RR2	LA00000061064	07/08/1986	60.5	14.4	0	4	0	0	0	8	0	0	0	26.4
LA-MHD01.001	11RR2	LAS862950	07/08/1986	87.2	15	0	1	33	1	0	3.1	0	0	0	53.1
LA-MHD01.001	11RR2	LAS862961	07/08/1986	61.8	6	0	0	2	0	5	21.1	0	0	0	34.1
LA-MHD01.001	11RR2	LAS862983	07/08/1986	81.6	12	0	4	29.9	0	0	8	0	0	0	53.9
LA-MHD01.001	11RR2	LAS863031	07/08/1986	97.2	57	0	3	0	0	0	9.5	0	0	0	69.5
LA-MHD01.001	11RR2	LA00000060425	08/26/1986	117.4	50	0	8	22	0	0	3.3	0	0	0	83.3
LA-MHD01.001	11RR2	LAS863686	08/26/1986	40.5	3	0	0	0	3	0	6.8	0	0	0	12.8
LA-MHD01.001	11RR2	LAS863689	08/26/1986	73	35	0	1	0	0	0	2.9	0	0	0	38.9
LA-MHD01.001	11RR2	LAS863727	08/26/1986	85	55.3	0	0	1	1	0	0	0	0	0	57.3

LA-MHD01.001	11RR2	LA00000060470	10/01/1986	54.8	0	0	0	0	6	1	20.1	0	0	0	27.1
LA-MHD01.001	11RR2	LA00000060474	10/01/1986	66.4	7	0	0	8.7	1	12	10	0	0	0	38.7
LA-MHD01.001	11RR2	LA00000060496	10/01/1986	72.2	3	0	1	0	1	4.1	28	0	0	0	38.1
LA-MHD01.001	11RR2	LAS864212	10/01/1986	105.2	49.5	0	5	15	0	0	8	0	0	0	77.5
LA-MHD01.001	11RR2	LAS864239	10/01/1986	109.6	74.9	0	0	0	0.5	2.5	4	0	0	0	81.9
LA-MHD01.001	11RR2	LAS864242	10/01/1986	73.4	12	0	0	25.7	0	0	8	0	0	0	45.7
LA-MHD01.001	11RR2	LAS864265	10/01/1986	80.2	22	0	1.5	20	0	0	9	0	0	0	52.5
LA-MHD01.001	11RR2	LAS864266	10/01/1986	91.7	24	0	15	10	3	0	5.6	0	0	0	57.6
LA-MHD01.001	11RR2	LAS864309	10/01/1986	52.8	0	0	0	0	3	6	18.1	8	0	0	35.1
LA-MHD01.001	11RR2	LAS864320	10/01/1986	75.8	30	0	0	2	8	0	8.1	0	0	0	48.1
LA-MHD01.001	11RR2	LAS864340	10/01/1986	48.5	7	0	0	0	10	0	3.8	0	0	0	20.8
LA-MHD01.001	11RR2	LAS864344	10/01/1986	65	47.9	0	0	0	0	0	10	0	0	0	57.9
LA-MHD01.001	11RR2	LAS864353	10/01/1986	80.8	21.1	0	0	0	2	20	10	0	0	0	53.1
LA-MHD01.001	11RR2	LAS864357	10/01/1986	74.8	42	0	2	0	0	0	3.1	0	0	0	47.1
LA-MHD01.001	11RR2	LAS864540	10/01/1986	66.5	15	0	0	0	0	14	3.4	0	0	0	32.4
LA-MHD01.001	11RR2	LA00000059109	12/16/1986	67.4	1.3	0	0	1	4	7	20	0	0	0	33.3
LA-MHD01.001	11RR2	LA00000059180	12/16/1986	64.4	10.7	0	0	7	1	10	8	0	0	0	36.7
LA-MHD01.001	11RR2	LA00000059183	12/16/1986	83.2	20	0	4	7	1	7	16.5	0	0	0	55.5
LA-MHD01.001	11RR2	LA00000060407	12/16/1986	87.8	48.8	0	1	0	0	0	10.5	0	0	0	60.1
LA-MHD01.001	11RR2	LA00000060415	12/16/1986	77	2.3	0	0	0	0	37	10	0	0	0	49.3
LA-MHD01.001	11RR2	LAS864346	12/16/1986	76.6	20	0	13	3	0	0	12.9	0	0	0	48.9
LA-MHD01.001	11RR2	LAS864558	12/16/1986	124.6	66.9	0	20	0	1	0	9	0	0	0	96.9
LA-MHD01.001	11RR2	LAS864641	12/16/1986	69	5	0	1	0	0	6	27.3	2	0	0	41.3
LA-MHD01.001	11RR2	LAS864642	12/16/1986	102	65.8	0	0	2.5	0	0	6	0	0	0	74.3
LA-MHD01.001	11RR2	LAS864665	12/16/1986	46.5	5	0	0	0	10	0	3.8	0	0	0	18.8
LA-MHD01.001	11RR2	LAS864668	12/16/1986	88.2	45.5	0	0	0	5	0	10	0	0	0	60.5
LA-MHD01.001	11RR2	LAS864677	12/16/1986	81.6	1	0	0	0	2	25.9	25	0	0	0	53.9
LA-MHD01.001	11RR2	LAS864682	12/16/1986	81.6	12	0	0	33.9	0	0	8	0	0	0	53.9
LA-MHD01.001	11RR2	LAS865302	12/16/1986	81	9	0	37.3	0	0	0	0.6	0	0	0	46.9
LA-MHD01.001	11RR2	LA00000060413	02/24/1987	75.4	19.7	0	2	10	8	0	8	0	0	0	47.7
LA-MHD01.001	11RR2	LA00000060414	02/24/1987	86.2	48.4	0	12.5	0	0	0	9.6	0	0	0	68.5
LA-MHD01.001	11RR2	LA00000060477	02/24/1987	102.8	63.9	0	2	0	0	0	9	0	0	0	74.9
LA-MHD01.001	11RR2	LA00000060494	02/24/1987	81	3	0	1	1	0	38	3.9	0	0	0	46.9
LA-MHD01.001	11RR2	LA00000060939	02/24/1987	60.2	5	0	0	0	17.5	0	10	0	0	0	32.5
LA-MHD01.001	11RR2	LAS870008	02/24/1987	93.4	62.7	0	0	0	0	0	3	0	0	0	65.7
LA-MHD01.001	11RR2	LAS870145	02/24/1987	61	2	0	0	0	2	8	21.3	0	0	0	33.3
LA-MHD01.001	11RR2	LAS870154	02/24/1987	77.6	27.4	0	0.5	15	0	0	7	0	0	0	49.9
LA-MHD01.001	11RR2	LAS870161	02/24/1987	76.2	10	0	3	0	3	27.5	5	0	0	0	48.5
LA-MHD01.001	11RR2	LA00000059104	04/14/1987	70.4	2	0	0	5	3	12	20.7	0	0	0	42.7
LA-MHD01.001	11RR2	LA00000059105	04/14/1987	57.6	6	0	0	1	0.5	7	15.4	0	0	0	29.9
LA-MHD01.001	11RR2	LA00000059256	04/14/1987	48	0	0	0	0.9	0	0	13	0	0	0	13.9
LA-MHD01.001	11RR2	LA00000061037	04/14/1987	66	6	0	0	0	0	10	15.9	0	0	0	31.9
LA-MHD01.001	11RR2	LAS870036	04/14/1987	48.4	17.7	0	0	0	1	0	2	0	0	0	20.7
LA-MHD01.001	11RR2	LAS870180	04/14/1987	78.8	38.1	0	0	4	0	5	4	0	0	0	51.1
LA-MHD01.001	11RR2	LAS870185	04/14/1987	92.5	56	0	0	2.8	0	0	6	0	0	0	64.8
LA-MHD01.001	11RR2	LAS870219	04/14/1987	91.8	10	0	0	0	0	0	54.1	0	0	0	64.1
LA-MHD01.001	11RR2	LAS870225	04/14/1987	62	8	0	0	14.3	4	0	8	0	0	0	34.3
LA-MHD01.001	11RR2	LAS870244	04/14/1987	68	34.3	0	0	0	0	0	6	0	0	0	40.3
LA-MHD01.001	11RR2	LAS870250	04/14/1987	83.6	20	0	17.9	6	4	1	7	0	0	0	55.9
LA-MHD01.001	11RR2	LAS870301	04/14/1987	90.5	59	0	0	0	0	0	3.8	0	0	0	62.8
LA-MHD01.001	11RR2	LAS870320	04/14/1987	57	1	0	0	0	1	4	16.9	0	0	0	22.9
LA-MHD01.001	11RR2	LAS871828	04/14/1987	81.4	44.7	0	2	0	0	0	7	0	0	0	53.7
LA-MHD01.001	11RR2	LAS871830	04/14/1987	87.6	26.9	0	4	15	4	0	10	0	0	0	59.9

LA-MHD01.001	11RR2	LAS871834	04/14/1987	55.2	6	0	1.5	0	2	11	5	0	0	0	27.5
LA-MHD01.001	11RR2	LAS871856	04/14/1987	97.8	10	0	10	40.1	0	0	10	0	0	0	70.1
LA-MHD01.001	11RR2	LA00000053036	05/15/1987	152.2	106.5	0	0	0	0	12	6	0	0	0	124.5
LA-MHD01.001	11RR2	LA00000053184	05/15/1987	133.8	15	0	5	60	0	0	3.7	16	0	0	89.7
LA-MHD01.001	11RR2	LA00000053040	05/20/1987	65.6	0.5	0	0	2.5	0.5	0.5	33.9	0	0	0	37.9
LA-MHD01.001	11RR2	LA00000053233	05/20/1987	55	1	0	1	0	3	10	12.3	0	0	0	27.3
LA-MHD01.001	11RR2	LA00000053069	05/21/1987	115.6	3	0	10	62.9	2	0	10	0	0	0	87.9
LA-MHD01.001	11RR2	LA00000053029	06/11/1987	135.4	20	0	0	36	0	0	15	30.3	0	0	101.3
LA-MHD01.001	11RR2	LA00000053391	06/11/1987	76.7	17	0	0	22	0	0	3.6	0	0	0	42.6
LA-MHD01.001	11RR2	LA00000053126	06/17/1987	115.4	6	0	0	8	0	0	10	57.3	0	0	81.3
LA-MHD01.001	11VE1	LA00000053087	06/18/1987	133.5	58.82	0.04	25.81	0	0.7	8.61	7.24	0	0	0	101.22
LA-MHD01.001	11RR2	LA00000053115	06/26/1987	124.3	11.2	0	0	75	0	0	4	0	0	0	90.2
LA-MHD01.001	11RR2	LA00000053020	06/29/1987	129.8	72.1	0	2	0	0	20	8	0	0	0	102.1
LA-MHD01.001	11RR2	LA00000053103	07/02/1987	54.6	5	0	2	2	0	0	17.9	0	0	0	26.9
LA-MHD01.001	11RR2	LA00000053340	07/02/1987	117	20.3	0	0	60	0	0	9	0	0	0	89.3
LA-MHD01.001	11RR2	LA00000059129	07/07/1987	45.8	2	0	1	0	2	0	13.1	0	0	0	18.1
LA-MHD01.001	11RR2	LAS870330	07/07/1987	73	8	0	0	31.3	0	0	6	0	0	0	45.3
LA-MHD01.001	11RR2	LAS870345	07/07/1987	110.8	30	0	5	34	2	2	3.7	0	0	0	76.7
LA-MHD01.001	11RR2	LAS870347	07/07/1987	69.5	38	0	0	0	0	0	3.8	0	0	0	41.8
LA-MHD01.001	11RR2	LAS870353	07/07/1987	57.6	1.9	0	0	0	2	5	21	0	0	0	29.9
LA-MHD01.001	11RR2	LAS870357	07/07/1987	74.2	28.5	0	8	0	1	0	9	0	0	0	46.5
LA-MHD01.001	11RR2	LAS870446	07/07/1987	32.5	2	0	0	0	0	0	2.8	0	0	0	4.8
LA-MHD01.001	11RR2	LAS871880	07/07/1987	82	14.3	0	15	0	0	5	20	0	0	0	54.3
LA-MHD01.001	11RR2	LAS871882	07/07/1987	80.2	2.5	0	0	0	2	45.5	2.5	0	0	0	52.5
LA-MHD01.001	11RR2	LAS871902	07/07/1987	63	20	0	5	5	0	0	5.3	0	0	0	35.3
LA-MHD01.001	11RR2	LA00000053014	07/09/1987	123	30	0	0	53	0	0	5.9	0	0	0	88.9
LA-MHD01.001	11RR2	LA00000053038	07/14/1987	60.6	1	0	0	0	0.1	1	30.8	0	0	0	32.9
LA-MHD01.001	11RR2	LA00000053311	07/22/1987	95.6	3	0	10	46.9	0	0	8	0	0	0	67.9
LA-MHD01.001	11RR2	LA00000053363	07/24/1987	127.7	10	0	10	20	0	0	9.6	44	0	0	93.6
LA-MHD01.001	11RR2	LA00000053330	08/04/1987	57.6	2	0	0	1.5	0.5	0	25.9	0	0	0	29.9
LA-MHD01.001	11RR2	LA00000053111	08/05/1987	43.6	1	0	0	0	0	0	14.9	0	0	0	15.9
LA-MHD01.001	11RR2	LA00000053412	08/07/1987	87.8	3.7	0	25	22	0	0	3	0	0	0	53.7
LA-MHD01.001	11RR2	LA00000053526	08/11/1987	55	3	0	10	0	0	0	14.3	0	0	0	27.3
LA-MHD01.001	11RR2	LA00000053238	08/12/1987	120	12.9	0	20	50	0	0	3	0	0	0	85.9
LA-MHD01.001	11RR2	LA00000053221	08/20/1987	51.4	5	0	0	0	1	0	17.7	0	0	0	23.7
LA-MHD01.001	11RR2	LA00000053369	08/26/1987	128.8	5	0	0	88.1	0	0	8	0	0	0	101.1
LA-MHD01.001	11RR2	LA00000053242	08/27/1987	50.1	1	0	1	0	1	0	19.4	0	0	0	22.4
LA-MHD01.001	11RR2	LA00000053251	08/28/1987	83.4	35.7	0	0	0	0	8	12	0	0	0	55.7
LA-MHD01.001	11RR2	LA00000053326	08/31/1987	160.1	15	0	20	88	0	0	3	0	0	0	126
LA-MHD01.001	11RR2	LA00000053025	09/02/1987	123.4	5	0	0	65.7	0	0	25	0	0	0	95.7
LA-MHD01.001	11RR2	LA00000053146	09/03/1987	128.4	35	0	2	0	0	63.1	0.8	0	0	0	100.7
LA-MHD01.001	11RR2	LA00000053344	09/04/1987	124.2	81.5	0	0	0	0	5	10	0	0	0	96.5
LA-MHD01.001	11RR2	LA00000053116	09/10/1987	71.2	5	0	1	3	3	0	31.5	0	0	0	43.5
LA-MHD01.001	11RR2	LA00000053118	09/11/1987	69.2	4	0	0	39.5	3	0	15	0	0	0	61.5
LA-MHD01.001	11RR2	LA00000053234	09/11/1987	47.5	5	0	0	2	6	0	6.8	0	0	0	19.8
LA-MHD01.001	11RR2	LA00000053128	09/16/1987	67.8	20	0	4	4.7	1	0	4	0	0	0	33.7
LA-MHD01.001	11RR2	LA00000053378	09/16/1987	49	1	0	1	2	1	0	16.3	0	0	0	21.3
LA-MHD01.001	11RR2	LA00000053229	10/01/1987	97.4	22.7	0	0	0	0	40	7	0	0	0	69.7
LA-MHD01.001	11RR2	LA00000053183	10/02/1987	96.5	56	0	2	0	0	6	4.8	0	0	0	68.8
LA-MHD01.001	11RR2	LA00000053206	10/05/1987	57	1	0	0	1	0	0	27.3	0	0	0	29.3
LA-MHD01.001	11RR2	LA00000053386	10/14/1987	105.5	48	0	0	0	0	20	3.4	0	0	0	71.4
LA-MHD01.001	11RR2	LAS870422	10/14/1987	68.6	22.9	0	0	0	15.5	0	2.5	0	0	0	40.9
LA-MHD01.001	11RR2	LAS870456	10/14/1987	66.5	18	0	0	0	0	0	20.8	0	0	0	38.8

LA-MHD01.001	11RR2	LAS870458	10/14/1987	83	18	0	0	33.3	0	0	4	0	0	0	55.3
LA-MHD01.001	11RR2	LAS870466	10/14/1987	76	25.3	0	0	0	15	0	8	0	0	0	48.3
LA-MHD01.001	11RR2	LAS873543	10/14/1987	80	5	0	1	0	1	36.3	8	0	0	0	52.3
LA-MHD01.001	11RR2	LAS873544	10/14/1987	36.5	1	0	0	0	3	0	4.8	0	0	0	8.8
LA-MHD01.001	11RR2	LAS873607	10/14/1987	79.5	48	0	0	0	0	0	3.8	0	0	0	51.8
LA-MHD01.001	11RR2	LA00000053367	10/22/1987	55.8	1	0	0	0	0	2.5	24.6	0	0	0	28.1
LA-MHD01.001	11RR2	LA00000053086	10/27/1987	134.4	10	0	20	68	0	0	2.3	0	0	0	100.3
LA-MHD01.001	11RR2	LA00000053320	10/30/1987	59.4	1	0	0	0	0	4	26.7	0	0	0	31.7
LA-MHD01.001	11RR2	LA00000053313	11/02/1987	113.3	6.2	0	0	70	0	0	3	0	0	0	79.2
LA-MHD01.001	11RR2	LA00000053437	11/05/1987	139.5	15	0	2.5	79.1	0.2	0	15	0	0	0	111.8
LA-MHD01.001	11RR2	LA00000053129	11/09/1987	127.9	12	0	0	78	0	0	3.8	0	0	0	93.8
LA-MHD01.001	11RR2	LA00000053387	11/12/1987	55.2	3	0	0	0	2.5	0	22	0	0	0	27.6
LA-MHD01.001	11RR2	LA00000053039	12/03/1987	49.8	0.1	0	0	0	0	0	21.8	0	0	0	21.9
LA-MHD01.001	11RR2	LA00000053370	12/04/1987	110.6	15	0	0	59.5	0	0	2	0	0	0	76.5
LA-MHD01.001	11RR2	LA00000053005	12/11/1987	56.8	2	0	0	1	3	3	20.1	0	0	0	29.1
LA-MHD01.001	11RR2	LA00000053874	12/11/1987	118.6	13	0	0	68.5	0	0	3	0	0	0	84.5
LA-MHD01.001	11RR2	LA00000053695	12/15/1987	157.2	13	0	0	108.1	0	0	2	0	0	0	123.1
LA-MHD01.001	11RR2	LA00000053213	12/17/1987	134.6	68.8	0	0	0	0	0	18	0	0	0	106.9
LA-MHD01.001	11RR2	LA00000053512	12/22/1987	56.5	1	0	0	0	12	0	15.8	0	0	0	28.8
LA-MHD01.001	11RR2	LA00000053214	12/23/1987	54.4	1.5	0	0.1	3	0	0	22.1	0	0	0	26.7
LA-MHD01.001	11RR2	LA00000053205	01/08/1988	177.8	10	0	0	129.7	0	0	4	0	0	0	143.7
LA-MHD01.001	11RR2	LA00000053427	01/15/1988	52.5	1	0	0	0	0	0	23.8	0	0	0	24.8
LA-MHD01.001	11RR2	LA00000061069	01/20/1988	75.2	2	0	0	0.1	0	5.7	39.7	0	0	0	47.5
LA-MHD01.001	11RR2	LA00000053016	01/27/1988	158.6	0	96.5	0	0	0	20	8	0	0	0	124.5
LA-MHD01.001	11RR2	LA00000053440	01/28/1988	175.1	12	0	0	125	0	0	4	0	0	0	141
LA-MHD01.001	11VE1	LA00000053042	02/04/1988	120	12.79	0	1.75	58.03	0	0	11.57	0	0	0	84.14
LA-MHD01.001	11RR2	LA00000053859	02/05/1988	147.7	20	0	0	83.6	0	0	10	0	0	0	113.6
LA-MHD01.001	11RR2	LA00000053176	02/08/1988	59.8	2.1	0	0	1	1.5	0.1	27.4	0	0	0	32.1
LA-MHD01.001	11RR2	LA00000053423	02/09/1988	55.4	2	0	1	2	0	0	22.7	0	0	0	27.7
LA-MHD01.001	11RR2	LA00000053075	02/11/1988	119.8	82	0	5	0	0	4.5	0.6	0	0	0	92.1
LA-MHD01.001	11RR2	LA00000053442	02/16/1988	59	1	0	1	0	0	4	25.3	0	0	0	31.3
LA-MHD01.001	11VE1	LA00000053870	02/18/1988	184.7	20	0	0	126.6	0	0	4	0	0	0	150.6
LA-MHD01.001	11RR2	LA00000053473	02/22/1988	116	73.8	0	0	1.5	0	7	6	0	0	0	88.3
LA-MHD01.001	11RR2	LA00000053436	02/26/1988	103.2	53.5	3	0	2	0	12	5	0	0	0	75.5
LA-MHD01.001	11RR2	LA00000053535	03/03/1988	197.2	129.5	0	0	0	0	30	10	0	0	0	169.5
LA-MHD01.001	11RR2	LA00000053520	03/04/1988	56.2	2	0	0	0	0.5	1	25	0	0	0	28.5
LA-MHD01.001	11RR2	LA00000053415	03/07/1988	113.8	12	0	0	60.1	5	0	9	0	0	0	86.1
LA-MHD01.001	11RR2	LA00000053541	03/08/1988	139	61.3	0	0	20	0	0	30	0	0	0	111.3
LA-MHD01.001	11RR2	LA00000053134	03/09/1988	62.6	5	0	2	0	1	0	26.9	0	0	0	34.9
LA-MHD01.001	11RR2	LA00000053220	03/10/1988	118.5	8	0	0	10	0	0	9.4	57	0	0	84.4
LA-MHD01.001	11RR2	LA00000053007	03/14/1988	48.6	2	0	0	0	2	0	16.9	0	0	0	20.9
LA-MHD01.001	11RR2	LA00000053135	03/14/1988	55.9	1	0	4	0	1	0	22.2	0	0	0	28.2
LA-MHD01.001	11RR2	LA00000053175	03/15/1988	114.2	3	0	2	71.5	0	0	10	0	0	0	86.5
LA-MHD01.001	11RR2	LA00000053518	03/15/1988	121	70.3	0	5	0	0	10	8	0	0	0	93.3
LA-MHD01.001	11RR2	LA00000053522	03/15/1988	148.9	60	0	20	0	0	30	4.8	0	0	0	114.8
LA-MHD01.001	11RR2	LA00000053398	03/16/1988	84	12	0	0	35.9	0	0	2	0	0	0	49.9
LA-MHD01.001	11RR2	LA00000053172	03/17/1988	138.6	85.9	0	0	0	0	8	8	0	0	0	110.9
LA-MHD01.001	11RR2	LA00000053143	03/18/1988	58.8	5	0	0	0	1	0	25.1	0	0	0	31.1
LA-MHD01.001	11RR2	LA00000053396	03/18/1988	56.2	8	0	0	0	0	0	20.5	0	0	0	28.5
LA-MHD01.001	11RR2	LA00000053402	03/22/1988	71.6	8	0	0	0	2	2	31.9	0	0	0	43.9
LA-MHD01.001	11RR2	LA00000053420	03/22/1988	105.6	75.1	0	1.2	0	0	1	0.6	0	0	0	77.9
LA-MHD01.001	11RR2	LA00000053090	03/30/1988	120.4	20	0	0	63.3	0	0	3	0	0	0	86.3
LA-MHD01.001	11RR2	LA00000053227	04/04/1988	139.8	92	0	10	0	1	0	2.7	0	0	0	105.7

LA-MHD01.001 11RR2	LA00000053873	04/06/1988	163.1	20	0	0	105	0	0	4	0	0	0	129
LA-MHD01.001 11RR2	LAS881568	04/06/1988	58.1	6	0	0	0	0	12	6	0	0	0	24
LA-MHD01.001 11RR2	LA00000053318	04/11/1988	125.9	8	0	0	76.8	0	0	5	0	0	0	91.8
LA-MHD01.001 11RR2	LA00000053032	04/14/1988	60	2	0	0	0	27	0	3.3	0	0	0	32.3
LA-MHD01.001 11RR2	LA00000053225	04/14/1988	123	15	0	0	70	0	0	3.9	0	0	0	88.9
LA-MHD01.001 11RR2	LA00000053168	04/21/1988	104.6	15	0	0	45	0	0	10.5	0	0	0	70.5
LA-MHD01.001 11RR2	LA00000053002	04/25/1988	84.7	15	0	0	32	0	0	3.6	0	0	0	50.6
LA-MHD01.001 11RR2	LA00000053332	04/25/1988	135.6	20	0	1	0	0	77.1	10	0	0	0	108.1
LA-MHD01.001 11RR2	LA00000053100	04/26/1988	59	0.5	0	0	0	26.8	1.5	2.5	0	0	0	31.3
LA-MHD01.001 11RR2	LA00000053309	04/26/1988	105.2	70.2	0	0	0	0	5.5	1.8	0	0	0	77.5
LA-MHD01.001 11RR2	LA00000053226	04/28/1988	91.6	12	0	0	42	0	0	3.5	0	0	0	57.5
LA-MHD01.001 11RR2	LA00000053317	05/02/1988	101.2	65.5	0	0	0	0	6	2	0	0	0	73.5
LA-MHD01.001 11RR2	LA00000053180	05/04/1988	56	1	0	0	2	10	2	13.3	0	0	0	28.3
LA-MHD01.001 11RR2	LA00000053354	05/04/1988	89	10	0	0	41.9	0	0	3	0	0	0	54.9
LA-MHD01.001 11RR2	LA00000053357	05/04/1988	59.3	5	0	0	17	1	4	4.6	0	0	0	31.6
LA-MHD01.001 11RR2	LA00000053161	05/09/1988	92	4.9	0	0	50	0	0	3	0	0	0	57.9
LA-MHD01.001 11RR2	LA00000053245	05/11/1988	109.4	2	0	1	70.7	0	0	8	0	0	0	81.7
LA-MHD01.001 11RR2	LA00000053215	05/12/1988	60.2	1	0	0	0	28	0	3.5	0	0	0	32.5
LA-MHD01.001 11RR2	LA00000053871	05/12/1988	100.9	8	0	0	55	0	0	3.8	0	0	0	66.8
LA-MHD01.001 11RR2	LA00000053094	05/16/1988	67.8	10	0	0	20.7	0	0	3	0	0	0	33.7
LA-MHD01.001 11RR2	LA00000053218	05/16/1988	85.1	18	0	0	30	0	0	3	0	0	0	51
LA-MHD01.001 11RR2	LA00000053335	05/18/1988	128.4	45	0	0	0	0	49.7	6	0	0	0	100.7
LA-MHD01.001 11RR2	LA00000053196	05/24/1988	97.1	20	0	0	40	0	0	3	0	0	0	63
LA-MHD01.001 11RR2	LA00000053358	05/26/1988	83.4	41.7	0	2	1	1	0	10	0	0	0	55.7
LA-MHD01.001 11RR2	LA00000053067	06/01/1988	47.9	4	0	0	6	0	0	3.8	0	0	0	13.8
LA-MHD01.001 11RR2	LA00000053691	06/01/1988	63	4	0	0	13.9	0	0	4	7	0	0	28.9
LA-MHD01.001 11RR2	LA00000053250	06/03/1988	77.6	12	0	0	8	0	0	6.5	15	0	0	43.5
LA-MHD01.001 11RR2	LA00000053051	06/06/1988	53.4	1	0	0	7	0	0	17.7	0	0	0	25.7
LA-MHD01.001 11RR2	LA00000053459	06/08/1988	153	105.3	0	0	0	0	12	8	0	0	0	125.3
LA-MHD01.001 11RR2	LA00000053136	06/09/1988	83.5	10	0	0	27	0	0	3.4	9	0	0	49.4
LA-MHD01.001 11RR2	LA00000053155	06/10/1988	61.6	6.5	0	0	18	0	0	3	0	0	0	27.5
LA-MHD01.001 11RR2	LA00000053589	06/13/1988	69.6	8	0	0	24	0	0	3.5	0	0	0	35.5
LA-MHD01.001 11RR2	LA00000053614	06/15/1988	78.5	10	0	0	31.4	0	0	3	0	0	0	44.4
LA-MHD01.001 11RR2	LA00000053148	06/16/1988	68	10	0	0	20	0	0	3.9	0	0	0	33.9
LA-MHD01.001 11RR2	LA00000053346	06/20/1988	58.1	6	0	0	4	0	0	3	11	0	0	24
LA-MHD01.001 11RR2	LA00000053035	06/21/1988	65.7	6.6	0	0	10	0	0	3	12	0	0	31.6
LA-MHD01.001 11RR2	LA00000053168	06/21/1988	95.6	10	0	5	32.5	9	0	5	0	0	0	61.5
LA-MHD01.001 11RR2	LA00000053151	06/23/1988	137	74.3	0	0	0	0	25	10	0	0	0	109.3
LA-MHD01.001 11RR2	LA00000053407	07/01/1988	72.4	20	0	0	16.3	0	0	2	0	0	0	38.3
LA-MHD01.001 11RR2	LA00000053485	07/01/1988	113.2	9.1	0	0	66	0	0	4	0	0	0	79.1
LA-MHD01.001 11RR2	LA00000053086	07/07/1988	58	3	0	2	0	2	0	23.3	0	0	0	30.3
LA-MHD01.001 11RR2	LA00000053152	07/07/1988	64.1	7	0	0	20	0	0	3	0	0	0	30
LA-MHD01.001 11RR2	LA00000053189	07/07/1988	45.3	1.2	0	0	9	0	0	1	0	0	0	11.2
LA-MHD01.001 11RR2	LA00000053379	07/07/1988	91.5	10	0	0	45.4	0	0	2	0	0	0	57.4
LA-MHD01.001 11RR2	LA00000053511	07/07/1988	82.6	20	0	0	26.5	0	0	2	0	0	0	48.5
LA-MHD01.001 11RR2	LA00000053057	07/08/1988	72.9	2.8	0	15	18	0	0	3	0	0	0	38.8
LA-MHD01.001 11RR2	LA00000053506	07/08/1988	93.4	9.3	0	0	47	0	0	3	0	0	0	59.3
LA-MHD01.001 11RR2	LA00000053083	07/18/1988	64.5	5	0	0	22	0	0	3.4	0	0	0	30.4
LA-MHD01.001 11RR2	LA00000053182	07/18/1988	111.6	8	0	1	64.9	0	0	10	0	0	0	83.9
LA-MHD01.001 11RR2	LA00000053186	07/18/1988	97.5	10	0	0	35	0	0	3.4	15	0	0	63.4
LA-MHD01.001 11RR2	LA00000053249	07/18/1988	63	1	0	0	0	4	10	20.3	0	0	0	35.3
LA-MHD01.001 11RR2	LA00000053404	07/18/1988	109.7	8	0	0	64.8	0	0	3	0	0	0	75.6
LA-MHD01.001 11RR2	LA00000053449	07/18/1988	58.2	0.5	0	0	0	0	0	30	0	0	0	30.5

LA-MHD01.001	11RR2	LA00000053377	07/20/1988	133.8	2	0	3	92.1	0	0	9	0	0	0	106.1
LA-MHD01.001	11RR2	LA00000053612	07/22/1988	140.6	100.8	0	1	3	0	1	7	0	0	0	112.9
LA-MHD01.001	11RR2	LA00000053447	07/26/1988	157.1	20	0	0	98	0	0	5	0	0	0	123
LA-MHD01.001	11RR2	LA00000053568	07/28/1988	114.9	20	0	0	30	0	0	3	27.8	0	0	80.8
LA-MHD01.001	11RR2	LA00000053586	08/02/1988	63.8	10.5	0	0	0	0	0	25.6	0	0	0	36.1
LA-MHD01.001	11RR2	LA00000053418	08/04/1988	154	15	0	0	80	0	0	4	20.9	0	0	119.9
LA-MHD01.001	11RR2	LA00000053445	08/09/1988	148.9	15	0	0	98.8	0	0	3	0	0	0	114.8
LA-MHD01.001	11RR2	LA00000053452	08/11/1988	107.9	9	0	0	60.8	0	0	4	0	0	0	73.8
LA-MHD01.001	11RR2	LA00000053400	08/12/1988	98.8	64.6	0	0	0	0.5	0	6	0	0	0	71.1
LA-MHD01.001	11RR2	LA00000053611	08/12/1988	61.8	2.1	0	0	0	0	2	30	0	0	0	34.1
LA-MHD01.001	11RR2	LA00000053153	08/15/1988	85.2	14.4	0	2	0	0	38.1	3	0	0	0	57.5
LA-MHD01.001	11RR2	LA00000053421	08/16/1988	119.2	5	0	2	76.5	0	0	8	0	0	0	91.5
LA-MHD01.001	11RR2	LA00000053607	08/23/1988	57	7	0	0	12	0	0	3.9	0	0	0	22.9
LA-MHD01.001	11RR2	LA00000053631	08/23/1988	128.7	20	0	0	70.8	0	0	4	0	0	0	94.6
LA-MHD01.001	11RR2	LA00000053446	08/24/1988	125.8	80.6	0	0	0	0	15	2.5	0	0	0	98.1
LA-MHD01.001	11RR2	LA00000053582	08/26/1988	50	3	0	0	0	1.5	0	17.8	0	0	0	22.3
LA-MHD01.001	11RR2	LA00000053556	08/29/1988	101.2	8	0	0	56	0	0	3.1	0	0	0	67.1
LA-MHD01.001	11RR2	LA00000053575	08/30/1988	78	8	0	10	22	0	0	3.9	0	0	0	43.9
LA-MHD01.001	11RR2	LA00000053579	08/30/1988	64	3	0	0	0	0	28	5.3	0	0	0	36.3
LA-MHD01.001	11RR2	LA00000053551	09/01/1988	73.5	10	0	0	20	0	0	9.4	0	0	0	39.4
LA-MHD01.001	11RR2	LA00000053554	09/06/1988	57.4	1.5	0	1	0	1	0	26.2	0	0	0	29.7
LA-MHD01.001	11RR2	LA00000053581	09/13/1988	144.6	4	0	1	103.9	0	0	8	0	0	0	116.9
LA-MHD01.001	11RR2	LA00000053630	09/15/1988	98.8	11	0	20	30	0	0	3.7	0	0	0	64.7
LA-MHD01.001	11RR2	LA00000053475	09/28/1988	64	5	0	1	0	3	0	20.9	0	0	0	29.9
LA-MHD01.001	11RR2	LA00000053485	09/29/1988	113	10	0	4	54.9	5	0	5	0	0	0	78.9
LA-MHD01.001	11RR2	LA00000053483	10/03/1988	61.4	0.2	0	0	0	0.2	1.5	31.8	0	0	0	33.7
LA-MHD01.001	11RR2	LA00000053513	10/03/1988	71.7	10	0	0	24.6	0	0	3	0	0	0	37.6
LA-MHD01.001	11RR2	LAS892968	10/05/1988	70.5	20	0	0	0	17	0	5.8	0	0	0	42.8
LA-MHD01.001	11RR2	LA00000053109	10/07/1988	66.8	1.5	0	0	0	0	24.1	15.5	0	0	0	41.1
LA-MHD01.001	11RR2	LA00000053569	10/07/1988	69.2	6	0	0	26	0	0	3.1	0	0	0	35.1
LA-MHD01.001	11RR2	LA00000053429	10/12/1988	77.4	10	0	0	31.3	0	0	2	0	0	0	43.3
LA-MHD01.001	11RR2	LA00000053566	10/12/1988	53.5	5	0	0	10	0	0	4.4	0	0	0	19.4
LA-MHD01.001	11RR2	LA00000053574	10/12/1988	149	15	0	0	98.3	0	0	8	0	0	0	121.3
LA-MHD01.001	11RR2	LA00000053488	10/13/1988	73.4	12	0	0	24	0	0	3.3	0	0	0	39.3
LA-MHD01.001	11RR2	LA00000053560	10/13/1988	55.1	8	0	0	10	0	0	3	0	0	0	21
LA-MHD01.001	11RR2	LA00000053657	10/13/1988	68.9	8	0	0	21	0	0	3.8	0	0	0	32.8
LA-MHD01.001	11RR2	LA00000053529	10/14/1988	63.8	10	0	0	17.7	0	0	2	0	0	0	29.7
LA-MHD01.001	11RR2	LA00000053655	10/14/1988	65.7	8	0	0	20	0	0	3.6	0	0	0	31.6
LA-MHD01.001	11RR2	LA00000053411	10/18/1988	80.7	1	0	0	0	0	0	32	0	0	0	33
LA-MHD01.001	11RR2	LA00000053572	10/18/1988	81.8	3	10	0	0	0	2	39.1	0	0	0	54.1
LA-MHD01.001	11RR2	LA00000053010	10/20/1988	68	5	0	0	20	0	0	3.9	5	0	0	33.9
LA-MHD01.001	11RR2	LA00000053515	10/21/1988	68.2	8	0	0	22	0	0	4.1	0	0	0	34.1
LA-MHD01.001	11RR2	LA00000053476	10/26/1988	134.6	95	0	0	0	0	10.1	1.8	0	0	0	106.9
LA-MHD01.001	11RR2	LA00000053510	10/27/1988	61.7	8	0	0	17.6	0	0	2	0	0	0	27.6
LA-MHD01.001	11RR2	LA00000053471	10/31/1988	59.3	6	0	0	18	0	0	3.2	0	0	0	25.2
LA-MHD01.001	11RR2	LA00000053465	11/01/1988	65.6	8	0	0	20	0	0	3.5	0	0	0	31.5
LA-MHD01.001	11RR2	LA00000053480	11/01/1988	59.1	6	0	0	16	0	0	3	0	0	0	25
LA-MHD01.001	11RR2	LA00000053458	11/02/1988	74.4	8	0	0	29.3	0	0	3	0	0	0	40.3
LA-MHD01.001	11RR2	LA00000053550	11/03/1988	121.2	38.5	0	5	0	0	40	10	0	0	0	93.5
LA-MHD01.001	11RR2	LA00000053486	11/07/1988	66.4	2	0	0	30.7	0	0	6	0	0	0	38.7
LA-MHD01.001	11RR2	LAS883126	11/08/1988	73	0.5	0	0	0	41.8	0	3	0	0	0	45.3
LA-MHD01.001	11RR2	LAS883129	11/08/1988	61.6	0.5	0	0	0	29.4	0	4	0	0	0	33.9
LA-MHD01.001	11RR2	LAS883138	11/08/1988	56.6	1	0	0	0	20.6	1.3	6	0	0	0	28.9

LA-MHD01.001	11RR2	LA00000053571	11/14/1988	80.6	10	0	10	23	0	0	3.4	0	0	0	46.4
LA-MHD01.001	11RR2	LA00000060846	11/15/1988	57	2	0	0	0	10	0	10.9	0	0	0	22.9
LA-MHD01.001	11RR2	LA00000053561	11/18/1988	125.2	55.5	0	0	0	0	30	12	0	0	0	97.5
LA-MHD01.001	11RR2	LA00000059160	11/22/1988	69.8	1	0	0	0	16.1	0	25	0	0	0	42.1
LA-MHD01.001	11RR2	LA00000053549	11/23/1988	52	2.3	0	0	0	0	0	22	0	0	0	24.3
LA-MHD01.001	11RR2	LA00000053636	11/29/1988	123.3	55.2	0	5	5	1	20	3	0	0	0	89.2
LA-MHD01.001	11RR2	LA00000053635	12/02/1988	70.9	8	0	5	20	0	0	3.8	0	0	0	36.8
LA-MHD01.001	11RR2	LA00000053644	12/08/1988	55	0	0	0	3.5	5.2	1	17.6	0	0	0	27.3
LA-MHD01.001	11RR2	LA00000053669	12/13/1988	60.1	7	0	6	9	0	0	4	0	0	0	26
LA-MHD01.001	11RR2	LA00000053624	12/14/1988	63	1.5	0	0	0.7	3.6	0	29.6	0	0	0	35.3
LA-MHD01.001	11RR2	LA00000053617	12/18/1988	70.6	7	0	6.5	20	0	0	3	0	0	0	36.5
LA-MHD01.001	11RR2	LA00000053622	12/19/1988	55.6	6	0	0	12	0	0	3.5	0	0	0	21.5
LA-MHD01.001	11RR2	LA00000053668	12/19/1988	62.2	1.5	0	0	0	4.5	5	23.5	0	0	0	34.5
LA-MHD01.001	11RR2	LA00000053623	12/20/1988	80.1	8	0	15	20	0	0	3	0	0	0	48
LA-MHD01.001	11RR2	LA00000053599	12/21/1988	118.8	82.9	0	0	0	0	0	8	0	0	0	90.9
LA-MHD01.001	11RR2	LAS690337	01/05/1989	100	46.3	0	4	10	0	0	10	0	0	0	72.3
LA-MHD01.001	11RR2	LA00000052103	01/09/1989	72.6	2	0	0	0	8	1	33.9	0	0	0	44.9
LA-MHD01.001	11RR2	LA00000052113	01/11/1989	81	42.2	0	0	0	1	0	10.1	0	0	0	53.3
LA-MHD01.001	11RR2	LA00000052127	01/18/1989	60.6	6	0	8	5	0	0	2.5	5	0	0	26.5
LA-MHD01.001	11RR2	LA00000052116	01/19/1989	165.5	128	0	5	0	0	2	2.9	0	0	0	137.9
LA-MHD01.001	11RR2	LA00000052015	01/25/1989	141.2	35	0	0	0	0	53	19.1	0	0	0	107.1
LA-MHD01.001	11RR2	LA00000060421	01/26/1989	134.3	10	0	3	83	0	0	4.2	0	0	0	100.2
LA-MHD01.001	11RR1	LA00000052189	02/02/1989	55.2	0	0	0	0	20	0	7.5	0	0	0	27.5
LA-MHD01.001	11RR2	LA00000052186	02/03/1989	44.6	0	0	0	0	8.9	0	8	0	0	0	16.9
LA-MHD01.001	11RR2	LA00000052155	02/08/1989	138.3	86	0	0	0	0	20	4.6	0	0	0	110.6
LA-MHD01.001	11RR2	LA00000052106	02/10/1989	97	10	0	20	28	0	0	4.9	0	0	0	62.9
LA-MHD01.001	11RR2	LA00000060841	02/15/1989	56.2	1	0.2	0	1	0	0	26.3	0	0	0	28.5
LA-MHD01.001	11RR2	LA00000052353	02/21/1989	89.4	22.3	0	5	25	0	0	3	0	0	0	55.3
LA-MHD01.001	11RR2	LA00000052357	02/21/1989	151	55	0	0	0	0	53.3	15	0	0	0	123.3
LA-MHD01.001	11RR2	LA00000052365	02/22/1989	115	39.9	0	1	20	0	0	20	0	0	0	80.9
LA-MHD01.001	11RR2	LA00000052381	02/24/1989	62.6	0	0	0	0	0	0	34.9	0	0	0	34.9
LA-MHD01.001	11RR2	LAS691529	03/08/1989	61.6	8	0	0	0	0	12	7.5	0	0	0	27.5
LA-MHD01.001	11RR2	LA00000052369	03/08/1989	98.6	10	0	15	35	0	0	4.5	0	0	0	64.5
LA-MHD01.001	11RR2	LA00000052159	03/10/1989	75.8	7	0	0	30	0	0	4.7	0	0	0	41.7
LA-MHD01.001	11RR2	LA00000052374	03/10/1989	108.8	25	0	8	0	0	40.1	10	0	0	0	81.1
LA-MHD01.001	11VE2	LA00000052394	03/10/1989	135.2	43.89	0	35.53	0	0	11.84	8.85	0	0	0	100.11
LA-MHD01.001	11RR2	LA00000052435	03/17/1989	63	30	0	0	0	0	0	5.3	0	0	0	35.3
LA-MHD01.001	11RR2	LA00000052451	04/10/1989	180.2	152.5	0	0	0	0	0	0	0	0	0	152.5
LA-MHD01.001	11RR2	LA00000052393	04/13/1989	67.3	5.2	0	0	25	0	0	3	0	0	0	33.2
LA-MHD01.001	11RR2	LA00000052465	04/14/1989	48.1	0	0	0	0.4	10	1	9	0	0	0	20.4
LA-MHD01.001	11RR2	LA00000052471	04/14/1989	75.6	38.5	0	0	0	1	0	2	0	0	0	41.5
LA-MHD01.001	11RR2	LA00000052436	04/17/1989	115.2	17	0	30	30	0	0	4.1	0	0	0	81.1
LA-MHD01.001	11RR1	LA00000052473	04/19/1989	46.6	2	0	0	5.9	0	0	11	0	0	0	18.9
LA-MHD01.001	11RR2	LA00000052480	04/21/1989	60	5	0	0	2	15.3	0	10	0	0	0	32.3
LA-MHD01.001	11RR2	LA00000052539	05/02/1989	81.3	48	0	0	0	0	0	5.6	0	0	0	53.6
LA-MHD01.001	11RR2	LA00000052535	05/12/1989	133.8	56.1	0	0	0	0	40	10	0	0	0	106.1
LA-MHD01.001	11RR2	LA00000052528	05/18/1989	87.6	4	0	20	26.6	0	0	3	0	0	0	53.5
LA-MHD01.001	11RR2	LA00000052558	05/26/1989	101.6	55	0	0	0	0	15	3.9	0	0	0	73.9
LA-MHD01.001	11RR2	LA00000052572	06/01/1989	191.2	20	0	0	134.1	0	0	3	0	0	0	157.1
LA-MHD01.001	11RR2	LA00000052384	06/06/1989	81.3	10	0	7.2	27	0	0	3	0	0	0	47.2
LA-MHD01.001	11RR2	LA00000052575	06/06/1989	72.5	3	0	0	32.4	0	0	3	0	0	0	38.4
LA-MHD01.001	11RR2	LA00000052574	06/07/1989	68.6	4	0	0	17.7	0	0	3	10	0	0	34.7
LA-MHD01.001	11RR2	LA00000052583	06/22/1989	71	8	0	10	15	0	0	3.9	0	0	0	36.9

LA-MHD01.001	11RR2	LA00000052802	06/27/1989	62.8	8	0	0	17	0	0	3.7	0	0	0	28.7
LA-MHD01.001	11RR2	LA00000052804	06/28/1989	68.4	1	0	0	1	2	0	36.7	0	0	0	40.7
LA-MHD01.001	11RR2	LA00000052808	07/07/1989	123.3	20	0	10	0	0	54	5.2	0	0	0	89.2
LA-MHD01.001	11RR2	LA00000052586	07/13/1989	123	8	0	0	77	0	0	3.8	0	0	0	88.9
LA-MHD01.001	11RR2	LA00000052805	07/14/1989	108.8	10	0	0	60	0	0	4.7	0	0	0	74.7
LA-MHD01.001	11RR2	LA00000052815	07/18/1989	53.2	0	0	0	0	12.5	0.5	12.5	0	0	0	25.5
LA-MHD01.001	11RR2	LA00000052398	07/19/1989	72	40	0	0	0	0	0	4.3	0	0	0	44.3
LA-MHD01.001	11RR2	LA00000052813	07/20/1989	69.5	7	0	0	25	0	0	3.4	0	0	0	35.4
LA-MHD01.001	11RR2	LA00000052817	07/20/1989	105.3	12	0	0	56	0	0	3.2	0	0	0	71.2
LA-MHD01.001	11RR2	LA00000052810	07/21/1989	100	12	0	1	1	0	38.3	20	0	0	0	72.3
LA-MHD01.001	11RR2	LA00000052823	07/21/1989	60	3	0	0	0	4	0	25.3	0	0	0	32.3
LA-MHD01.001	11RR2	LA00000052591	07/24/1989	110.6	15	0	0	57.9	0	0	10	0	0	0	82.9
LA-MHD01.001	11RR2	LA00000052584	07/28/1989	72.9	7	0	0	28.8	0	0	3	0	0	0	38.8
LA-MHD01.001	11RR2	LA00000052835	07/28/1989	150.2	109.5	0	12	0	0	0	1	0	0	0	122.5
LA-MHD01.001	11RR2	LA00000052833	08/01/1989	63.2	1	0	0	0	17.5	0	17	0	0	0	35.5
LA-MHD01.001	11RR2	LA00000052194	08/04/1989	58.4	1	0	0	0	5.7	1	23	0	0	0	30.7
LA-MHD01.001	11RR2	LA00000052826	08/07/1989	76.9	8	0	10	22	0	0	4.8	0	0	0	44.8
LA-MHD01.001	11RR2	LA00000052409	08/10/1989	58.2	0	0	0	0	15	0	15.5	0	0	0	30.5
LA-MHD01.001	11RR2	LA00000052834	08/10/1989	69.4	1	0	0	0	1	0	39.7	0	0	0	41.7
LA-MHD01.001	11RR2	LA00000052851	08/10/1989	140.5	10	0	0	61.4	0	0	5	30	0	0	106.4
LA-MHD01.001	11RR2	LA00000052842	08/16/1989	84.7	10	0	0	37	0	0	3.6	0	0	0	50.6
LA-MHD01.001	11RR2	LA00000052864	08/29/1989	104.2	1	0	0	60.5	0	0	15	0	0	0	76.5
LA-MHD01.001	11RR2	LA00000052874	09/12/1989	105.8	69.6	0	0	0	0	3.5	6	0	0	0	78.1
LA-MHD01.001	11RR2	LA00000052880	09/14/1989	108.2	77.2	0	0	0	1.5	0	1.8	0	0	0	80.5
LA-MHD01.001	11RR2	LA00000052890	09/14/1989	94.4	54.1	0	0	0	0	12	0.6	0	0	0	66.7
LA-MHD01.001	11RR2	LA00000052893	09/15/1989	68	3	0	0	0	4	2	31.3	0	0	0	40.3
LA-MHD01.001	11RR2	LA00000052898	09/19/1989	57.2	2.5	0	0	0	1.5	1	24.5	0	0	0	29.5
LA-MHD01.001	11RR2	LA00000060946	09/26/1989	93.5	51	0	1	0	0	0	7.4	0	0	0	59.4
LA-MHD01.001	11RR2	LA00000052042	09/28/1989	45.4	0.7	0	0	0	8	3	6	0	0	0	17.7
LA-MHD01.001	11RR2	LA00000052045	10/04/1989	105.6	70.9	0	1	0	0	0	6	0	0	0	77.9
LA-MHD01.001	11RR2	LA00000052891	10/10/1989	65.2	10	0	0	18	0	0	3.1	0	0	0	31.1
LA-MHD01.001	11RR2	LA00000052034	10/16/1989	52.4	18.5	0	0	0	0	0	6.2	0	0	0	24.7
LA-MHD01.001	11RR2	LA00000060807	10/16/1989	63	2	0	0	0	0	12	21.3	0	0	0	35.3
LA-MHD01.001	11RR2	LA00000052070	10/18/1989	90.5	48	0	5	0	0	0	3.4	0	0	0	56.4
LA-MHD01.001	11RR2	LA00000060432	10/19/1989	110.4	30	0	0	40	3	0	3.3	0	0	0	76.3
LA-MHD01.001	11RR2	LA00000052066	10/30/1989	104.2	52.5	0	0	1	0	0	23	0	0	0	76.5
LA-MHD01.001	11RR2	LA00000052082	10/30/1989	131.4	20	0	0	79.7	0	0	4	0	0	0	103.7
LA-MHD01.001	11RR2	LA00000060836	10/30/1989	63.4	1	0	0	0.5	16	0	18.2	0	0	0	35.7
LA-MHD01.001	11RR2	LA00000052062	11/06/1989	114.4	35	0	8	0	0	35	4.3	0	0	0	80.3
LA-MHD01.001	11RR2	LA00000052885	11/07/1989	74.1	10	0	8	19	0	0	3	0	0	0	40
LA-MHD01.001	11RR2	LA00000052059	11/09/1989	99.4	68.7	0	0	0	0	0	3	0	0	0	71.7
LA-MHD01.001	11RR2	LA00000052079	11/15/1989	114	76	0	0	2	0	5	3.3	0	0	0	86.3
LA-MHD01.001	11RR2	LA00000052321	11/28/1989	62.2	2	0	0	0	1	0	31.5	0	0	0	34.5
LA-MHD01.001	11RR2	LA00000052323	12/04/1989	138.2	105	0	0	0	1	1	3.5	0	0	0	110.5
LA-MHD01.001	11RR2	LA00000052327	12/21/1989	146.2	5	0	0	105.5	0	0	8	0	0	0	118.5
LA-MHD01.001	11RR2	LA00000052329	12/21/1989	124.6	77.4	0	0	0	0	13	6.5	0	0	0	96.9
LA-MHD01.001	11RR2	LA00000052342	01/05/1990	39	0	0	0	0	8	0	3.3	0	0	0	11.3
LA-MHD01.001	11RR2	LA00000052343	01/05/1990	45.9	0	0	0	2	12	1	3.2	0	0	0	18.2
LA-MHD01.001	11RR2	LA00000052340	01/18/1990	72.7	8	0	0	29	0	0	3.6	0	0	0	38.6
LA-MHD01.001	11RR2	LA00000052335	01/24/1990	80.2	45	0	0	0	0	15	2.5	0	0	0	62.5
LA-MHD01.001	11RR2	LA00000052927	02/01/1990	79.1	12	0	0	30	0	0	3	0	0	0	45
LA-MHD01.001	11RR2	LA00000052935	02/01/1990	114.4	12	0	0	0	0	66.7	8	0	0	0	86.7
LA-MHD01.001	11RR2	LA00000052944	02/09/1990	73.1	9	0	0	27	0	0	3	0	0	0	39

Attachment 8 – Waste Containers List

Site(s): Los Alamos National Laboratory
Waste Stream Number(s): LA-MSG04.001
Waste Stream Description: TA-21 Soil
Number of Waste Containers in Waste Stream: 48 55-Gal, 19 SWB, 15 Crates
Total Existing Volume (m^3): 84.52 m^3
Is waste expected to be generated in the future?: No
If yes, Estimated Future Volume (m^3):
Assumptions:
Waste Stream Container Evaluation Memo(s) for Added Containers: C037, C038

Acceptable Knowledge Expert: Print/Sign/Date:

James M. Schoen 9/2/2015

Container Identification	Container Type	Waste Generation Date	Generation Point
56537	55G	05/08/1997	TA-21 Pu Facility
66122	SWB	04/14/2011	TA-21 Pu Facility
66123	SWB	04/14/2011	TA-21 Pu Facility
66124	SWB	04/14/2011	TA-21 Pu Facility
66125	SWB	04/14/2011	TA-21 Pu Facility
66126	SWB	04/14/2011	TA-21 Pu Facility
66127	SWB	04/14/2011	TA-21 Pu Facility
66128	SWB	04/14/2011	TA-21 Pu Facility
66129	SWB	04/14/2011	TA-21 Pu Facility
66130	SWB	04/14/2011	TA-21 Pu Facility
66131	SWB	04/14/2011	TA-21 Pu Facility
66132	SWB	04/14/2011	TA-21 Pu Facility
66134	SWB	04/14/2011	TA-21 Pu Facility
66135	SWB	04/14/2011	TA-21 Pu Facility
66136	SWB	04/14/2011	TA-21 Pu Facility
66140	SWB	04/14/2011	TA-21 Pu Facility
66141	SWB	04/14/2011	TA-21 Pu Facility
66142	SWB	04/14/2011	TA-21 Pu Facility
66144	SWB	04/14/2011	TA-21 Pu Facility
66147	SWB	09/13/2011	TA-21 Pu Facility
89891	55G	01/27/1981	TA-21 Pu Facility
89892	55G	01/27/1981	TA-21 Pu Facility
89982	55G	01/29/1981	TA-21 Pu Facility
89983	55G	01/29/1981	TA-21 Pu Facility
89984	55G	01/29/1981	TA-21 Pu Facility
89985	55G	01/29/1981	TA-21 Pu Facility
89986	55G	01/29/1981	TA-21 Pu Facility

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DATE REC'D 9/8/15

Container Identification	Container Type	Waste Generation Date	Generation Point
89987	55G	01/29/1981	TA-21 Pu Facility
89988	55G	01/29/1981	TA-21 Pu Facility
S780203	55G	02/15/1978	TA-21 Pu Facility
S780204	55G	02/15/1978	TA-21 Pu Facility
S780205	55G	02/15/1978	TA-21 Pu Facility
S780206	55G	02/15/1978	TA-21 Pu Facility
S780207	55G	02/15/1978	TA-21 Pu Facility
S780208	55G	02/15/1978	TA-21 Pu Facility
S780209	55G	02/15/1978	TA-21 Pu Facility
S780210	55G	02/15/1978	TA-21 Pu Facility
S780211	55G	02/15/1978	TA-21 Pu Facility
S780212	55G	02/15/1978	TA-21 Pu Facility
S780213	55G	05/09/1978	TA-21 Pu Facility
S780214	55G	02/15/1978	TA-21 Pu Facility
S780215	55G	02/15/1978	TA-21 Pu Facility
S780216	55G	02/15/1978	TA-21 Pu Facility
S780217	55G	02/15/1978	TA-21 Pu Facility
S780218	55G	02/15/1978	TA-21 Pu Facility
S780219	55G	02/15/1978	TA-21 Pu Facility
S780221	55G	02/15/1978	TA-21 Pu Facility
S780222	55G	02/15/1978	TA-21 Pu Facility
S780223	55G	02/15/1978	TA-21 Pu Facility
S780234	55G	02/15/1978	TA-21 Pu Facility
S780235	55G	05/09/1978	TA-21 Pu Facility
S780236	55G	02/15/1978	TA-21 Pu Facility
S780237	55G	02/15/1978	TA-21 Pu Facility
S780238	55G	02/15/1978	TA-21 Pu Facility
S780239	55G	02/15/1978	TA-21 Pu Facility
S780240	55G	02/15/1978	TA-21 Pu Facility
S780241	55G	02/15/1978	TA-21 Pu Facility
S780242	55G	02/15/1978	TA-21 Pu Facility
S780243	55G	02/15/1978	TA-21 Pu Facility
S780244	55G	02/15/1978	TA-21 Pu Facility
S780245	55G	02/15/1978	TA-21 Pu Facility
S780246	55G	05/09/1978	TA-21 Pu Facility
S780249	55G	02/15/1978	TA-21 Pu Facility
S780250	55G	02/15/1978	TA-21 Pu Facility
S780251	55G	05/09/1978	TA-21 Pu Facility
S780252	55G	02/15/1978	TA-21 Pu Facility
S780258	55G	05/09/1978	TA-21 Pu Facility
S792211	CRATE	07/24/1979	TA-21 Pu Facility
S792213	CRATE	07/19/1979	TA-21 Pu Facility
S792214	CRATE	07/19/1979	TA-21 Pu Facility
S792215	CRATE	07/19/1979	TA-21 Pu Facility

Container Identification	Container Type	Waste Generation Date	Generation Point
S792216	CRATE	07/24/1979	TA-21 Pu Facility
S794043	CRATE	10/05/1979	TA-21 Pu Facility
S794044	CRATE	07/19/1979	TA-21 Pu Facility
S794046	CRATE	07/19/1979	TA-21 Pu Facility
S794056	CRATE	08/16/1979	TA-21 Pu Facility
S794119	CRATE	12/15/1979	TA-21 Pu Facility
S805331	CRATE	12/19/1980	TA-21 Pu Facility
S813225	CRATE	01/29/1981	TA-21 Pu Facility
S813262	CRATE	01/28/1981	TA-21 Pu Facility
S813315	CRATE	01/28/1981	TA-21 Pu Facility
S813323	CRATE	12/08/1981	TA-21 Pu Facility

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C076
Waste Stream Number(s): LA-OS-00-01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a] : Email requests for drums to be added to the LANL AK Tracking Spreadsheet	
Source Document Reference Information (author(s), document and revision number, date, publisher): Sherry Auckland and Christina Poulos, Document Number: NA, Revision: NA, Date: Various	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR5, WS1, WS3, WS11, S16	Throughout	Email requests for drums to be added to the LANL AK Tracking Spreadsheet February 2015 through May 2015. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, radionuclides, defense determinations, and source document references. Requests are for drums in the following BDRs: LA15-OSR-VE-001 LA15-OSR-VE-002 LA15-OSR-VE-003 LA15-OSR-VE-004 LA15-OSR-VE-005 Email requests for drums to be added to the LANL AK Tracking Spreadsheet for August 26, 2014 through January 14, 2015. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, radionuclides, defense determination, and source document reference. Requests are for drums in the following BDRs: LA14-OSR-VE-009 LA14-OSR-VE-010 LA14-OSR-VE-011 LA14-OSR-VE-012 LA14-OSR-VE-014 LA14-OSR-VE-015 Email requests for drums to be added to the LANL AK Tracking Spreadsheet for July 9, 2014 and August 6, 2014. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, and radionuclides. Request for drums in the following BDRs: LA14-OSR-VE-007 LA14-OSR-VE-008

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DATE REC'D 8/10/15 MR

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: C076
AK # [b]	Source Doc. Page # [c]	AK Information Summary
		Email requests for drums to be added to the LANL AK Tracking Spreadsheet between November 12, 2013 and April 3, 2014. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, and radionuclides. Request for drums in the following BDRs: LA14-OSR-VE-006 LA14-OSR-VE-003 LA14-OSR-VE-005 LA14-OSR-VE-004 LA14-OSR-VE-002 LA14-OSR-VE-001 LA13-OSR-VE-023 LA13-OSR-VE-021 LA13-OSR-VE-022 Email requests for drums to be added to the LANL AK Tracking Spreadsheet between July 2013 and September 2013 for the LA-OS-01.001 Waste Stream. Correspondence includes information necessary for the AK Report: waste generation location and process, time period of generation, origin of sources, physical form, chemical content, prohibited items, and radionuclides. Request for drums in the following BDRs: LA13-OSR-VE-015 LA13-OSR-VE-017 LA13-OSR-VE-007 LA13-OSR-VE-016 LA13-OSR-VE-018 LA13-OSR-VE-019 LA13-OSR-VE-020

Source Document Data Limitations (if any):
1. Information specific to containers in BDRs discussed.

Acceptable Knowledge Expert:

Sherry Auckland — Date: 8/5/2015

Print / Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet

February 2015 through May 2015

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, May 06, 2015 9:12 AM
To:	'Diana McCabe'
Cc:	'Mike Papp'; Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina; 'sherinance@aol.com'
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067594, LA00000067595, and LA00000067596 contain Am241/Be and Am241/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization (see source document M333), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067594 – generated and closed February 26, 2015
- LA00000067595 – generated and closed February 25, 2015
- LA00000067596 – generated and closed February 26, 2015

These containers will be described in VE-BDR number LA15-OSR-VE-004. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division

Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, April 27, 2015 11:38 AM
To:	'dianakmccabe.dkm@gmail.com'
Cc:	'Mike Papp'; Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina; 'sherinance@aol.com'
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067583, LA00000067584, and LA00000067585 contain Am241/Be and Am241/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization (see source document M332), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067583 – generated and closed December 9, 2014
- LA00000067584 – generated and closed December 9, 2014
- LA00000067585 – generated and closed December 10, 2014

These containers will be described in VE-BDR number LA15-OSR-VE-005. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division

Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, April 13, 2015 10:46 AM
To:	'dianakmccabe.dkm@gmail.com'
Cc:	'Mike Papp'; 'sherinance@aol.com'; Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina
Subject:	Request for Addition of Seven Containers to AKTSS for Waste Stream LA-OS-00-01.001

Diana,

Please add seven drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067587, LA00000067588, and LA00000067589, LA00000067590, LA00000067591, LA00000067592, and LA00000067593 contain Pu238 sources

These containers also have sufficient AK for radiological characterization (see source document M331), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067587 – generated and closed January 28, 2015
- LA00000067588 – generated and closed January 28, 2015
- LA00000067589 – generated and closed January 28, 2015
- LA00000067590 – generated and closed January 28, 2015
- LA00000067591 – generated and closed January 28, 2015
- LA00000067592 – generated and closed January 28, 2015
- LA00000067593 – generated and closed January 28, 2015

These containers will be described in VE-BDR number LA15-OSR-VE-002. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, March 30, 2015 10:14 AM
To:	'dianakmccabe.dkm@gmail.com'; 'JRFESQ2@aol.com'; Fitzgerald, Randy
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067527 contains Am241/Be sources

This container also has sufficient AK for radiological characterization (see source document M330), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000067527 – generated and closed February 10, 2015

This container will be described in VE-BDR number LA15-OSR-VE-003. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
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Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Poulos, Christina
Sent:	Wednesday, February 25, 2015 11:24 AM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Auckland, Sherry L
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067577 contains Am241 and Am241/Be sources and container LA00000067582 contains Am241 sources

These containers also have sufficient AK for radiological characterization (see source document M329), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067577 – generated and closed November 19, 2014
- LA00000067582 – generated and closed November 19, 2014

These containers will be described in VE-BDR number LA15-OSR-VE-001. Please let me know if you have questions or comments.

Thank you.

Thank you,

Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St. MS A141
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Contractor for the U.S. Department of Energy

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Fax: 575-628-3238

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet

August 26, 2014 through January 14, 2015

Auckland, Sherry L

From: Auckland, Sherry L
Sent: Wednesday, January 14, 2015 9:31 AM
To: Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc: Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D
Subject: Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067568 and LA00000067569 contain Am241/Be sources

These containers also have sufficient AK for radiological characterization (see source document M328), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067568 – generated and closed August 5, 2014
- LA00000067569 – generated and closed August 5, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-015. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Carlsbad Operations
Mail Stop A141

Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, December 09, 2014 10:43 AM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000062757, LA00000065480, and LA00000067558 contain Am241 and Am241/Be sources

These containers also have sufficient AK for radiological characterization (see source document M327), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000062757 – generated and closed July 30, 2014
- LA00000065480 – generated and closed July 31, 2014
- LA00000067558 – generated and closed July 7, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-014. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE

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Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Monday, November 03, 2014 10:35 AM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Poulos, Christina
Subject:	equest for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067555 and LA00000067570 contain Am241/Be sources; container LA00000067576 contains Pu239/Be sources

These containers also have sufficient AK for radiological characterization (see source document M326), and approved defense determinations (see source documents D025 and C004). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067555 – generated and closed June 3, 2014
- LA00000067570 – generated and closed September 23, 2014
- LA00000067576 – generated and closed September 23, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-012. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE

Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Poulos, Christina CP
Sent:	Monday, September 15, 2014 2:28 PM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Auckland, Sherry L
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067545 contains Am241 sources

This container also has sufficient AK for radiological characterization (see source document M325), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067545 – generated and closed June 25, 2014

This container will be described in VE-BDR number LA14-OSR-VE-011. Please let me know if you have questions or comments.

Thank you.

Thank you,
Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St. MS A141
Carlsbad, NM 88220

Contractor for the U.S. Department of Energy

Phone: 575-628-8936
Fax: 575-628-3238

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, August 26, 2014 2:35 PM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Ams, David Adam
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Container LA00000067554 contains Am241 sources

This container also has sufficient AK for radiological characterization (see source document M324), and an approved defense determination (see source document D025). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000067554 – generated and closed May 28, 2014

This container will be described in VE-BDR number LA14-OSR-VE-010. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, August 26, 2014 2:26 PM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Ams, David Adam
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067542 and LA00000067548 contain Am241/Be sources

These containers also have sufficient AK for radiological characterization (see source document M323), and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067542 – generated and closed May 15, 2014
- LA00000067548 – generated and closed June 24, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-009. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141

Carlsbad, NM 88220
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C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet

July 9, 2014 and August 6, 2014

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, August 06, 2014 4:29 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy Lynn; Shepard, Mark D; Groover, Terri-Anne; Cameron, William Wiley; Watson, Lisa; Simmons, Craig E; Mcalpin, Jerry D; Ams, David Adam
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000067541 and LA00000067543 contain Am241 and Am241/Be sources

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067541 – generated and closed May 15, 2014
- LA00000067543 – generated and closed May 15, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-008. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, July 09, 2014 3:15 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Poulos, Christina; McAlpin, Jerry D
Subject:	Request for Addition of Four Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add four drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000062758, LA00000067525, and LA00000067546 contain Pu239/Be sources, container LA00000067526 contains Am241/Be sources

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source documents C004 and D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000062758 – generated and closed March 4, 2014
- LA00000067525 – generated and closed June 17, 2014
- LA00000067526 – generated and closed June 17, 2014
- LA00000067546 – generated and closed June 16, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-007. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
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C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet between November 12, 2013 and April 3, 2014

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Thursday, April 03, 2014 4:07 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Poulos, Christina; McAlpin, Jerry D
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067528, LA00000067529 and LA00000067530 contain Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067528 – generated and closed March 5, 2014
- LA00000067529 – generated and closed March 4, 2014
- LA00000067530 – generated and closed March 5, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-006. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
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Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From: Poulos, Christina CP
Sent: Thursday, April 03, 2014 11:51 AM
To: Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc: Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Auckland, Sherry L; McAlpin, Jerry D
Subject: Request for Addition of Five Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000067506 contains Am241 and Am241/Be sources and containers LA00000067507, LA00000067508, LA00000067509, LA00000067510 contains Am241/Be sources.

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067506 – generated and closed February 11, 2014
- LA00000067507 – generated and closed February 12, 2014
- LA00000067508 – generated and closed February 12, 2014
- LA00000067509 – generated and closed February 13, 2014
- LA00000067510 – generated and closed February 13, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-004. Please let me know if you have questions or comments.

Thank you.

Thank you,
Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St. MS A141
Carlsbad, NM 88220

Contractor for the U.S. Department of Energy

Phone: 575-628-8936
Fax: 575-628-3238

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Thursday, April 03, 2014 10:32 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Poulos, Christina; McAlpin, Jerry D
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067538 and LA00000067539 contain Am241/Be sources and container LA00000067540 contains Pu238/Li sources

These containers also have sufficient AK for radiological characterization, and approved defense determinations (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067538 – generated and closed March 11, 2014
- LA00000067539 – generated and closed March 11, 2014
- LA00000067540 – generated and closed March 12, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-005. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Poulos, Christina
Sent:	Monday, March 24, 2014 11:13 AM
To:	Fitzgerald, Randy; JRFESQ2@aol.com; dkmccabe@hughes.net
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; McAlpin, Jerry D; Gammon, Ellen; Auckland, Sherry L
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000065463 contains Am241 sources

This container also has sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000065463 – generated and closed February 25, 2014

This container will be described in VE-BDR number LA14-OSR-VE-003. Please let me know if you have questions or comments.

Thank you.

Thank you,
Christina Poulos

TRU Waste Sciences Manager II
Los Alamos National Laboratory
ADEP, Carlsbad Operations
115 N. Main St. MS A141
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Contractor for the U.S. Department of Energy

Phone: 575-628-8936
Fax: 575-628-3238

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, February 19, 2014 2:11 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067523 and LA00000067524 contain Am241/Be and Am241/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067523 – generated and closed January 28, 2014
- LA00000067524 – generated and closed January 29, 2014

These containers will be described in VE-BDR number LA14-OSR-VE-002. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
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Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Thursday, January 23, 2014 2:34 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000061574 contains one Pu239/Be source

This container also has sufficient AK for radiological characterization, and an approved defense determination (see source document C004). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000061574 – generated and closed December 17, 2013

These containers will be described in VE-BDR number LA14-OSR-VE-001. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Thursday, January 23, 2014 1:28 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dianamccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Four Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add four drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067515 and LA00000067518 contain Am241/Be sources, containers LA00000067517 and LA00000067519 contain Pu238/Be/Cs137 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067515 – generated and closed December 4, 2013
- LA00000067517 – generated and closed December 5, 2013
- LA00000067518 – generated and closed December 5, 2013
- LA00000067519 – generated and closed December 5, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-023. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE

Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Wednesday, January 15, 2014 10:39 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000065491, and LA00000067511 contain Am241 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000065491 – generated and closed September 26, 2013
- LA00000067511 – generated and closed August 15, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-021. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Carlsbad, NM 88220
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Auckland, Sherry L

From: Auckland, Sherry L
Sent: Tuesday, November 12, 2013 4:20 PM
To: Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc: Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject: Corrected Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067512, LA00000067513, and LA00000067514 contain Am241 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067512 – generated and closed September 18, 2013
- LA00000067513 – generated and closed September 19, 2013
- LA00000067514 - generated and closed September 19, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-022. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
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Mail Stop A141

Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L
Sent:	Tuesday, November 12, 2013 3:58 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; 'dkmccabe@hughes.net'
Cc:	Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne; Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy/Diana,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers LA00000067512, LA00000067513, and LA00000067514 contain Am241 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000067512 – generated and closed September 18, 2013
- LA00000067513 – generated and closed September 19, 2013
- LA00000067513 - generated and closed September 19, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-022. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Phone: 575-628-1378 / Mobile: 575-706-6707

C076

Email requests for drums to be added to the LANL AK Tracking Spreadsheet between July 2013 and September 2013

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Wednesday, July 10, 2013 2:03 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; McAlpin, Jerry D; Gammon, Ellen; Ams, David A
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- US-origin of sources
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000064558 and LA00000065489 contain Am241/Be sources.

These containers have sufficient AK for radiological characterization. Additionally, these containers have an approved defense determination. Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000064558 – generated and closed June 3, 2013
- LA00000065489 – generated and closed June 3, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-015. Please contact me at 575-706-6707 if you have any questions or comments.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Earth and Environmental Sciences Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Monday, July 15, 2013 4:37 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; McAlpin, Jerry D; Gammon, Ellen; Ams, David A
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

- Waste generation location and process
- Time period of generation
- US-origin of sources
- Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
- Chemical content (containers are all non-hazardous)
- Prohibited items (none)
- Radionuclides: Containers LA00000062759 and LA00000067505 contain Pu239/Be sources.

These containers have sufficient AK for radiological characterization. Additionally, these containers have an approved defense determination. Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000062759 – generated and closed June 18, 2013
- LA00000067505 – generated and closed June 19, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-017. Please contact me at 575-706-6707 if you have any questions or comments.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Earth and Environmental Sciences Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Tuesday, August 06, 2013 3:33 PM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Ams, David A; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Containers contain Pu-238 sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D049). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000064586 – generated and closed August 10, 2010
- LA00000064589 – generated and closed August 10, 2010

These containers will be described in VE-BDR number LA13-OSR-VE-007. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
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Mail Stop A141
Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Monday, August 26, 2013 10:13 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Ams, David A; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000065490 containsPu238 sources; container LA00000066724 contains Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000065490 – generated and closed June 6, 2013
- LA00000066724 – generated and closed June 6, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-016. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
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Carlsbad, NM 88220

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Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Monday, August 26, 2013 10:21 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Two Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add two drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000066719 contains Am241/Be/Cs137 sources; container LA00000067500 contains Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000066719 – generated and closed June 20, 2013
- LA00000067500 – generated and closed June 18, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-018. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
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Mail Stop A141
Carlsbad, NM 88220

Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/29/2013
Sent:	Tuesday, September 03, 2013 8:56 AM
To:	Fitzgerald, Randy; 'JRFESQ2@aol.com'; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen
Subject:	Request for Addition of Three Containers to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add three drums to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drums listed below and found that they are correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000061472 contains Pu238 sources; container LA00000065492 contains Am241 and Am241/Be/Cs137; container LA00000065493 contains Am241 and Am241/Be sources

These containers also have sufficient AK for radiological characterization, and an approved defense determination (see source document D025). Based on the above evaluation, please add the following containers to the AK Tracking Spreadsheet:

- LA00000061472 – generated and closed August 8, 2013
- LA00000065492 – generated and closed August 1, 2013
- LA00000065493 – generated and closed August 1, 2013

These containers will be described in VE-BDR number LA13-OSR-VE-019. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
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Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations

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Carlsbad, NM 88220
Phone: 575-628-1378 / Mobile: 575-706-6707

Auckland, Sherry L

From:	Auckland, Sherry L 10/21/2013
Sent:	Tuesday, September 24, 2013 2:28 PM
To:	'Randy Fitzgerald'; Fitzgerald, Randy; Witkowski, Ioana; Abeyta, Cristy L; Shepard, Mark D; Groover, Terri-Anne
Cc:	Cameron, William; Watson, Lisa; Simmons, Craig E; Dickerson, Allen; Poulos, Christina; McAlpin, Jerry D; Gammon, Ellen; 'dkmccabe@hughes.net'
Subject:	Request for Addition of One Container to AKTSS for Waste Stream LA-OS-00-01.001

Randy,

Please add one drum to the Acceptable Knowledge Tracking Spreadsheet (AKTSS):

In accordance with Section 4.10 (Updating AK for Additional Waste Stream Containers) of CCP-TP-005, I have evaluated the following container-specific information for the drum listed below and found that it is correctly described by the existing AK summary report for the waste stream LA-OS-00-01.001:

* Waste generation location and process
* Time period of generation
* Physical form (the waste material parameter on VE forms was "other material" (OM) as expected) and waste matrix code (S5100)
* Chemical content (containers are all non-hazardous)
* Prohibited items (none)
* Radionuclides: Container LA00000062756 contains Pu239/Be sources

This container also has sufficient AK for radiological characterization, and an approved defense determination (see source document C004). Based on the above evaluation, please add the following container to the AK Tracking Spreadsheet:

- LA00000062756 – generated and closed August 29, 2013

This container will be described in VE-BDR number LA13-OSR-VE-020. Please let me know if you have questions or comments.

Thank you.

Sherry Auckland
CCP Acceptable Knowledge/WIPP Project
Repository Science and Operations Division
Los Alamos National Laboratory Contractor to U.S. DOE
Carlsbad Operations
Mail Stop A141
Carlsbad, NM 88220
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DIVIDER

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Attachment 8 - Waste Containers

Site(s):	Los Alamos National Laboratory	
Waste Stream Number(s):	LA-OS-00-01.001, LA-OS-00-03, LA-OS-00-04	
Waste Stream Description(s):	Off-Site Source Recovery Sealed Sources; Off-Site Source Recovery Sealed Sources (Sources not in POCs); Off-Site Source Recovery Sealed Sources (Mixed Waste)	
Number of Waste Containers in Waste Stream(s):	1386 55-gallon drums	55-gallon drum = 0.208 m^3
Total Existing Volume (m^3):	288.29 m^3	
Is waste expected to be generated in the future?	Yes	
If yes, Estimated Future Volume (m^3):	1128 55-gallon drums x 0.208 = 235 m^3	
Assumptions:	LA-OS-00-01.001: 1128 drums to be added in the 2010 - 2025 time period; LA-OS-00-03: None expected at this time; LA-OS-00-04: Future volume expected to increase by one drum per year	
Waste Stream Container Evaluation Memo(s) for Added Containers:	C028, C029, C037, C039, C043, C065, C067, C069, C070, C072, C073, C074, C075, C076, C077, M119	

Container Identification Number	Generation Date	Generation Point
	See Attached Waste Containers List	

Acceptable Knowledge Expert: Sherry Auckland (Print) — (Sign) — 1/22/2015 (Date)

CCP RECORDS ORIGINAL
DATE REC'D 1/23/15 JV

Container Identification Number	Waste Stream No	Generation Point	Gen Date
58502	LA-OS-00-01.001	LANL	12/6/2000
58503	LA-OS-00-01.001	LANL	12/6/2000
58504	LA-OS-00-01.001	LANL	12/6/2000
58505	LA-OS-00-01.001	LANL	12/6/2000
58506	LA-OS-00-01.001	LANL	12/6/2000
58508	LA-OS-00-01.001	LANL	12/6/2000
58509	LA-OS-00-01.001	LANL	12/6/2000
58510	LA-OS-00-01.001	LANL	12/6/2000
58511	LA-OS-00-01.001	LANL	12/6/2000
58512	LA-OS-00-01.001	LANL	12/6/2000
58513	LA-OS-00-01.001	LANL	12/6/2000
58501	LA-OS-00-01.001	LANL	12/15/2000
58507	LA-OS-00-01.001	LANL	12/15/2000
58535	LA-OS-00-01.001	LANL	1/15/2001
58544	LA-OS-00-01.001	LANL	1/15/2001
58547	LA-OS-00-01.001	LANL	1/15/2001
58555	LA-OS-00-01.001	LANL	1/15/2001
58557	LA-OS-00-01.001	LANL	1/15/2001
58559	LA-OS-00-01.001	LANL	1/15/2001
58523	LA-OS-00-01.001	LANL	1/16/2001
58524	LA-OS-00-01.001	LANL	1/16/2001
58525	LA-OS-00-01.001	LANL	1/16/2001
58526	LA-OS-00-01.001	LANL	1/16/2001
58527	LA-OS-00-01.001	LANL	1/16/2001
58528	LA-OS-00-01.001	LANL	1/16/2001
58529	LA-OS-00-01.001	LANL	1/16/2001
58530	LA-OS-00-01.001	LANL	1/16/2001
58531	LA-OS-00-01.001	LANL	1/16/2001
58532	LA-OS-00-01.001	LANL	1/16/2001
58533	LA-OS-00-01.001	LANL	1/16/2001
58534	LA-OS-00-01.001	LANL	1/16/2001
58536	LA-OS-00-01.001	LANL	1/16/2001
58537	LA-OS-00-01.001	LANL	1/16/2001
58539	LA-OS-00-01.001	LANL	1/16/2001
58540	LA-OS-00-01.001	LANL	1/16/2001
58545	LA-OS-00-01.001	LANL	1/16/2001
58546	LA-OS-00-01.001	LANL	1/16/2001
58548	LA-OS-00-01.001	LANL	1/16/2001
58549	LA-OS-00-01.001	LANL	1/16/2001
58550	LA-OS-00-01.001	LANL	1/16/2001
58551	LA-OS-00-01.001	LANL	1/16/2001
58552	LA-OS-00-01.001	LANL	1/16/2001
58553	LA-OS-00-01.001	LANL	1/16/2001
58554	LA-OS-00-01.001	LANL	1/16/2001
58556	LA-OS-00-01.001	LANL	1/16/2001
58558	LA-OS-00-01.001	LANL	1/16/2001
58560	LA-OS-00-01.001	LANL	1/16/2001

Container Identification Number	Waste Stream No	Generation Point	Gen Date
58561	LA-OS-00-01.001	LANL	1/16/2001
58562	LA-OS-00-01.001	LANL	1/16/2001
58563	LA-OS-00-01.001	LANL	1/16/2001
58564	LA-OS-00-01.001	LANL	1/16/2001
58538	LA-OS-00-01.001	LANL	1/17/2001
58541	LA-OS-00-01.001	LANL	1/17/2001
58542	LA-OS-00-01.001	LANL	1/17/2001
58543	LA-OS-00-01.001	LANL	1/17/2001
58521	LA-OS-00-01.001	LANL	1/18/2001
58522	LA-OS-00-01.001	LANL	1/18/2001
58514	LA-OS-00-01.001	LANL	2/20/2001
58515	LA-OS-00-01.001	LANL	2/20/2001
58516	LA-OS-00-01.001	LANL	2/20/2001
58517	LA-OS-00-01.001	LANL	2/20/2001
58518	LA-OS-00-01.001	LANL	2/20/2001
58587	LA-OS-00-01.001	LANL	3/5/2001
58588	LA-OS-00-01.001	LANL	3/5/2001
58589	LA-OS-00-01.001	LANL	3/5/2001
58590	LA-OS-00-01.001	LANL	3/5/2001
58591	LA-OS-00-01.001	LANL	3/5/2001
58592	LA-OS-00-01.001	LANL	3/5/2001
58593	LA-OS-00-01.001	LANL	3/5/2001
58594	LA-OS-00-01.001	LANL	3/5/2001
58595	LA-OS-00-01.001	LANL	3/5/2001
58596	LA-OS-00-01.001	LANL	3/5/2001
58597	LA-OS-00-01.001	LANL	3/5/2001
58598	LA-OS-00-01.001	LANL	3/5/2001
58599	LA-OS-00-01.001	LANL	3/5/2001
58600	LA-OS-00-01.001	LANL	3/5/2001
58601	LA-OS-00-01.001	LANL	3/5/2001
58602	LA-OS-00-01.001	LANL	3/5/2001
58606	LA-OS-00-01.001	LANL	3/5/2001
58607	LA-OS-00-01.001	LANL	3/5/2001
58608	LA-OS-00-01.001	LANL	3/5/2001
58609	LA-OS-00-01.001	LANL	3/5/2001
58610	LA-OS-00-01.001	LANL	3/5/2001
58611	LA-OS-00-01.001	LANL	3/5/2001
58612	LA-OS-00-01.001	LANL	3/5/2001
58613	LA-OS-00-01.001	LANL	3/5/2001
58614	LA-OS-00-01.001	LANL	3/5/2001
58615	LA-OS-00-01.001	LANL	3/5/2001
58616	LA-OS-00-01.001	LANL	3/5/2001
58617	LA-OS-00-01.001	LANL	3/5/2001
58618	LA-OS-00-01.001	LANL	3/5/2001
58619	LA-OS-00-01.001	LANL	3/5/2001
58620	LA-OS-00-01.001	LANL	3/5/2001
58621	LA-OS-00-01.001	LANL	3/5/2001

Container Identification Number	Waste Stream No	Generation Point	Gen Date
58622	LA-OS-00-01.001	LANL	3/5/2001
58623	LA-OS-00-01.001	LANL	3/5/2001
58624	LA-OS-00-01.001	LANL	3/5/2001
58625	LA-OS-00-01.001	LANL	3/5/2001
58626	LA-OS-00-01.001	LANL	3/5/2001
58627	LA-OS-00-01.001	LANL	3/5/2001
58628	LA-OS-00-01.001	LANL	3/5/2001
58629	LA-OS-00-01.001	LANL	3/5/2001
58569	LA-OS-00-01.001	LANL	3/7/2001
58570	LA-OS-00-01.001	LANL	3/7/2001
58571	LA-OS-00-01.001	LANL	3/7/2001
58572	LA-OS-00-01.001	LANL	3/7/2001
58573	LA-OS-00-01.001	LANL	3/7/2001
58574	LA-OS-00-01.001	LANL	3/7/2001
58575	LA-OS-00-01.001	LANL	3/7/2001
58576	LA-OS-00-01.001	LANL	3/7/2001
58577	LA-OS-00-01.001	LANL	3/7/2001
58578	LA-OS-00-01.001	LANL	3/7/2001
58579	LA-OS-00-01.001	LANL	3/7/2001
58580	LA-OS-00-01.001	LANL	3/7/2001
58581	LA-OS-00-01.001	LANL	3/7/2001
58582	LA-OS-00-01.001	LANL	3/7/2001
58583	LA-OS-00-01.001	LANL	3/7/2001
58584	LA-OS-00-01.001	LANL	3/7/2001
58585	LA-OS-00-01.001	LANL	3/7/2001
58586	LA-OS-00-01.001	LANL	3/7/2001
58635	LA-OS-00-01.001	LANL	9/20/2001
58637	LA-OS-00-01.001	LANL	9/25/2001
58638	LA-OS-00-01.001	LANL	9/26/2001
58644	LA-OS-00-01.001	LANL	9/26/2001
58636	LA-OS-00-01.001	LANL	9/27/2001
58649	LA-OS-00-01.001	LANL	9/27/2001
58650	LA-OS-00-01.001	LANL	9/27/2001
58639	LA-OS-00-01.001	LANL	11/26/2001
58643	LA-OS-00-01.001	LANL	11/26/2001
58651	LA-OS-00-01.001	LANL	12/4/2001
58677	LA-OS-00-01.001	LANL	3/19/2002
58678	LA-OS-00-01.001	LANL	3/19/2002
58679	LA-OS-00-01.001	LANL	4/11/2002
58681	LA-OS-00-01.001	LANL	4/11/2002
58680	LA-OS-00-01.001	LANL	4/17/2002
58519	LA-OS-00-01.001	LANL	4/30/2002
58520	LA-OS-00-01.001	LANL	4/30/2002
58603	LA-OS-00-01.001	LANL	4/30/2002
58604	LA-OS-00-01.001	LANL	4/30/2002
58605	LA-OS-00-01.001	LANL	4/30/2002
58630	LA-OS-00-01.001	LANL	4/30/2002

Container Identification Number	Waste Stream No	Generation Point	Gen Date
58631	LA-OS-00-01.001	LANL	4/30/2002
58642	LA-OS-00-01.001	LANL	4/30/2002
58645	LA-OS-00-01.001	LANL	4/30/2002
58646	LA-OS-00-01.001	LANL	4/30/2002
58647	LA-OS-00-01.001	LANL	4/30/2002
58665	LA-OS-00-01.001	LANL	4/30/2002
58675	LA-OS-00-01.001	LANL	4/30/2002
58648	LA-OS-00-01.001	LANL	5/1/2002
58652	LA-OS-00-01.001	LANL	5/1/2002
58653	LA-OS-00-01.001	LANL	5/1/2002
58654	LA-OS-00-01.001	LANL	5/1/2002
58655	LA-OS-00-01.001	LANL	5/1/2002
58656	LA-OS-00-01.001	LANL	5/1/2002
58657	LA-OS-00-01.001	LANL	5/1/2002
58658	LA-OS-00-01.001	LANL	5/1/2002
58659	LA-OS-00-01.001	LANL	5/1/2002
58660	LA-OS-00-01.001	LANL	5/1/2002
58661	LA-OS-00-01.001	LANL	5/1/2002
58662	LA-OS-00-01.001	LANL	5/1/2002
58663	LA-OS-00-01.001	LANL	5/1/2002
58664	LA-OS-00-01.001	LANL	5/1/2002
58666	LA-OS-00-01.001	LANL	5/1/2002
58667	LA-OS-00-01.001	LANL	5/1/2002
58668	LA-OS-00-01.001	LANL	5/1/2002
58669	LA-OS-00-01.001	LANL	5/1/2002
58670	LA-OS-00-01.001	LANL	5/1/2002
58671	LA-OS-00-01.001	LANL	5/1/2002
58672	LA-OS-00-01.001	LANL	5/1/2002
58673	LA-OS-00-01.001	LANL	5/1/2002
58674	LA-OS-00-01.001	LANL	5/1/2002
58684	LA-OS-00-01.001	LANL	7/26/2002
58685	LA-OS-00-01.001	LANL	7/26/2002
58686	LA-OS-00-01.001	LANL	7/26/2002
58687	LA-OS-00-01.001	LANL	7/26/2002
58688	LA-OS-00-01.001	LANL	7/26/2002
58689	LA-OS-00-01.001	LANL	7/26/2002
58690	LA-OS-00-01.001	LANL	8/15/2002
58692	LA-OS-00-01.001	LANL	8/15/2002
58693	LA-OS-00-01.001	LANL	9/16/2002
58695	LA-OS-00-01.001	LANL	9/17/2002
58694	LA-OS-00-01.001	LANL	9/18/2002
58696	LA-OS-00-01.001	LANL	9/19/2002
58697	LA-OS-00-01.001	LANL	9/19/2002
58698	LA-OS-00-01.001	LANL	9/19/2002
58699	LA-OS-00-01.001	LANL	9/25/2002
58700	LA-OS-00-01.001	LANL	9/25/2002
58706	LA-OS-00-01.001	LANL	10/10/2002

Container Identification Number	Waste Stream No	Generation Point	Gen Date
58691	LA-OS-00-01.001	LANL	10/16/2002
58701	LA-OS-00-01.001	LANL	10/16/2002
58704	LA-OS-00-01.001	LANL	10/24/2002
58705	LA-OS-00-01.001	LANL	10/24/2002
58707	LA-OS-00-01.001	LANL	11/13/2002
58709	LA-OS-00-01.001	LANL	11/13/2002
58710	LA-OS-00-01.001	LANL	11/13/2002
58711	LA-OS-00-01.001	LANL	11/13/2002
58712	LA-OS-00-01.001	LANL	11/13/2002
58713	LA-OS-00-01.001	LANL	11/13/2002
58714	LA-OS-00-01.001	LANL	11/13/2002
58715	LA-OS-00-01.001	LANL	11/13/2002
58717	LA-OS-00-01.001	LANL	11/13/2002
58708	LA-OS-00-01.001	LANL	11/14/2002
58716	LA-OS-00-01.001	LANL	11/14/2002
58718	LA-OS-00-01.001	LANL	11/14/2002
58719	LA-OS-00-01.001	LANL	11/14/2002
58720	LA-OS-00-01.001	LANL	11/14/2002
58721	LA-OS-00-01.001	LANL	11/14/2002
58722	LA-OS-00-01.001	LANL	11/14/2002
58723	LA-OS-00-01.001	LANL	11/14/2002
58724	LA-OS-00-01.001	LANL	11/14/2002
58725	LA-OS-00-01.001	LANL	11/14/2002
58726	LA-OS-00-01.001	LANL	11/14/2002
58727	LA-OS-00-01.001	LANL	11/14/2002
58728	LA-OS-00-01.001	LANL	11/18/2002
58729	LA-OS-00-01.001	LANL	11/18/2002
58730	LA-OS-00-01.001	LANL	11/18/2002
58731	LA-OS-00-01.001	LANL	11/18/2002
58732	LA-OS-00-01.001	LANL	11/18/2002
58733	LA-OS-00-01.001	LANL	11/19/2002
58734	LA-OS-00-01.001	LANL	11/19/2002
58735	LA-OS-00-01.001	LANL	11/19/2002
58736	LA-OS-00-01.001	LANL	11/19/2002
58737	LA-OS-00-01.001	LANL	11/19/2002
58738	LA-OS-00-01.001	LANL	11/19/2002
58739	LA-OS-00-01.001	LANL	11/19/2002
58740	LA-OS-00-01.001	LANL	11/19/2002
58741	LA-OS-00-01.001	LANL	11/19/2002
58742	LA-OS-00-01.001	LANL	11/19/2002
58743	LA-OS-00-01.001	LANL	11/19/2002
58744	LA-OS-00-01.001	LANL	11/19/2002
58745	LA-OS-00-01.001	LANL	11/19/2002
58746	LA-OS-00-01.001	LANL	11/19/2002
58747	LA-OS-00-01.001	LANL	11/19/2002
58748	LA-OS-00-01.001	LANL	11/19/2002
58749	LA-OS-00-01.001	LANL	11/19/2002

Container Identification Number	Waste Stream No	Generation Point	Gen Date
58750	LA-OS-00-01.001	LANL	11/19/2002
58751	LA-OS-00-01.001	LANL	11/19/2002
58752	LA-OS-00-01.001	LANL	11/19/2002
58753	LA-OS-00-01.001	LANL	11/19/2002
58754	LA-OS-00-01.001	LANL	11/19/2002
58755	LA-OS-00-01.001	LANL	11/19/2002
58756	LA-OS-00-01.001	LANL	11/19/2002
58757	LA-OS-00-01.001	LANL	11/19/2002
58758	LA-OS-00-01.001	LANL	11/19/2002
58759	LA-OS-00-01.001	LANL	11/19/2002
58760	LA-OS-00-01.001	LANL	11/19/2002
58761	LA-OS-00-01.001	LANL	11/20/2002
58762	LA-OS-00-01.001	LANL	11/20/2002
58763	LA-OS-00-01.001	LANL	11/20/2002
58764	LA-OS-00-01.001	LANL	11/20/2002
58765	LA-OS-00-01.001	LANL	11/20/2002
58766	LA-OS-00-01.001	LANL	11/20/2002
58767	LA-OS-00-01.001	LANL	11/20/2002
58768	LA-OS-00-01.001	LANL	11/20/2002
58769	LA-OS-00-01.001	LANL	11/20/2002
58770	LA-OS-00-01.001	LANL	11/20/2002
58771	LA-OS-00-01.001	LANL	11/20/2002
58772	LA-OS-00-01.001	LANL	11/20/2002
58773	LA-OS-00-01.001	LANL	11/20/2002
58774	LA-OS-00-01.001	LANL	11/20/2002
58775	LA-OS-00-01.001	LANL	11/20/2002
58776	LA-OS-00-01.001	LANL	11/20/2002
58777	LA-OS-00-01.001	LANL	11/20/2002
58778	LA-OS-00-01.001	LANL	11/20/2002
58779	LA-OS-00-01.001	LANL	11/20/2002
58780	LA-OS-00-01.001	LANL	11/20/2002
58781	LA-OS-00-01.001	LANL	11/20/2002
58782	LA-OS-00-01.001	LANL	11/20/2002
58783	LA-OS-00-01.001	LANL	11/20/2002
58784	LA-OS-00-01.001	LANL	11/20/2002
58785	LA-OS-00-01.001	LANL	11/20/2002
58786	LA-OS-00-01.001	LANL	11/20/2002
58787	LA-OS-00-01.001	LANL	11/20/2002
58788	LA-OS-00-01.001	LANL	11/20/2002
58789	LA-OS-00-01.001	LANL	11/20/2002
58790	LA-OS-00-01.001	LANL	11/20/2002
58791	LA-OS-00-01.001	LANL	11/20/2002
59902	LA-OS-00-01.001	LANL	1/29/2003
59903	LA-OS-00-01.001	LANL	1/29/2003
59908	LA-OS-00-01.001	LANL	2/19/2003
59910	LA-OS-00-01.001	LANL	2/20/2003
59909	LA-OS-00-01.001	LANL	3/11/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
59916	LA-OS-00-01.001	LANL	3/11/2003
59917	LA-OS-00-01.001	LANL	3/11/2003
59918	LA-OS-00-01.001	LANL	3/11/2003
59919	LA-OS-00-01.001	LANL	3/11/2003
59924	LA-OS-00-01.001	LANL	3/11/2003
59925	LA-OS-00-01.001	LANL	3/11/2003
59926	LA-OS-00-01.001	LANL	3/11/2003
59927	LA-OS-00-01.001	LANL	3/11/2003
59928	LA-OS-00-01.001	LANL	3/11/2003
59929	LA-OS-00-01.001	LANL	3/11/2003
59920	LA-OS-00-01.001	LANL	3/12/2003
59921	LA-OS-00-01.001	LANL	3/12/2003
59922	LA-OS-00-01.001	LANL	3/12/2003
59930	LA-OS-00-01.001	LANL	3/12/2003
59932	LA-OS-00-01.001	LANL	3/12/2003
59934	LA-OS-00-01.001	LANL	3/12/2003
59936	LA-OS-00-01.001	LANL	3/12/2003
59948	LA-OS-00-01.001	LANL	3/12/2003
59949	LA-OS-00-01.001	LANL	3/12/2003
59935	LA-OS-00-01.001	LANL	3/31/2003
59939	LA-OS-00-01.001	LANL	3/31/2003
59940	LA-OS-00-01.001	LANL	3/31/2003
59947	LA-OS-00-01.001	LANL	3/31/2003
59950	LA-OS-00-01.001	LANL	3/31/2003
59962	LA-OS-00-01.001	LANL	3/31/2003
59963	LA-OS-00-01.001	LANL	3/31/2003
59964	LA-OS-00-01.001	LANL	3/31/2003
59965	LA-OS-00-01.001	LANL	3/31/2003
59966	LA-OS-00-01.001	LANL	3/31/2003
59967	LA-OS-00-01.001	LANL	3/31/2003
59968	LA-OS-00-01.001	LANL	3/31/2003
59970	LA-OS-00-01.001	LANL	3/31/2003
59975	LA-OS-00-01.001	LANL	3/31/2003
59911	LA-OS-00-01.001	LANL	4/1/2003
59912	LA-OS-00-01.001	LANL	4/1/2003
59913	LA-OS-00-01.001	LANL	4/1/2003
59914	LA-OS-00-01.001	LANL	4/1/2003
59915	LA-OS-00-01.001	LANL	4/1/2003
59974	LA-OS-00-01.001	LANL	4/1/2003
59976	LA-OS-00-01.001	LANL	4/1/2003
59977	LA-OS-00-01.001	LANL	4/1/2003
59978	LA-OS-00-01.001	LANL	4/1/2003
59979	LA-OS-00-01.001	LANL	4/1/2003
59980	LA-OS-00-01.001	LANL	4/1/2003
59981	LA-OS-00-01.001	LANL	4/1/2003
59985	LA-OS-00-01.001	LANL	4/1/2003
59986	LA-OS-00-01.001	LANL	4/1/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
59987	LA-OS-00-01.001	LANL	4/1/2003
59988	LA-OS-00-01.001	LANL	4/1/2003
59989	LA-OS-00-01.001	LANL	4/1/2003
59990	LA-OS-00-01.001	LANL	4/1/2003
59991	LA-OS-00-01.001	LANL	4/1/2003
59992	LA-OS-00-01.001	LANL	4/1/2003
59969	LA-OS-00-01.001	LANL	4/2/2003
59971	LA-OS-00-01.001	LANL	4/2/2003
59972	LA-OS-00-01.001	LANL	4/2/2003
59973	LA-OS-00-01.001	LANL	4/2/2003
59993	LA-OS-00-01.001	LANL	4/2/2003
59994	LA-OS-00-01.001	LANL	4/2/2003
59995	LA-OS-00-01.001	LANL	4/2/2003
59996	LA-OS-00-01.001	LANL	4/2/2003
59997	LA-OS-00-01.001	LANL	4/2/2003
59998	LA-OS-00-01.001	LANL	4/2/2003
59999	LA-OS-00-01.001	LANL	4/2/2003
60000	LA-OS-00-01.001	LANL	4/2/2003
60001	LA-OS-00-01.001	LANL	4/2/2003
60002	LA-OS-00-01.001	LANL	4/2/2003
60003	LA-OS-00-01.001	LANL	4/2/2003
60005	LA-OS-00-01.001	LANL	4/2/2003
60006	LA-OS-00-01.001	LANL	4/2/2003
60007	LA-OS-00-01.001	LANL	4/2/2003
60009	LA-OS-00-01.001	LANL	4/2/2003
60010	LA-OS-00-01.001	LANL	4/2/2003
60011	LA-OS-00-01.001	LANL	4/2/2003
59923	LA-OS-00-01.001	LANL	4/3/2003
59931	LA-OS-00-01.001	LANL	4/3/2003
59933	LA-OS-00-01.001	LANL	4/3/2003
60004	LA-OS-00-01.001	LANL	4/3/2003
60008	LA-OS-00-01.001	LANL	4/3/2003
60012	LA-OS-00-01.001	LANL	4/3/2003
60013	LA-OS-00-01.001	LANL	4/3/2003
60014	LA-OS-00-01.001	LANL	4/3/2003
60015	LA-OS-00-01.001	LANL	4/3/2003
60016	LA-OS-00-01.001	LANL	4/3/2003
60017	LA-OS-00-01.001	LANL	4/3/2003
60018	LA-OS-00-01.001	LANL	4/3/2003
60019	LA-OS-00-01.001	LANL	4/3/2003
60024	LA-OS-00-01.001	LANL	4/3/2003
60025	LA-OS-00-01.001	LANL	4/3/2003
60026	LA-OS-00-01.001	LANL	4/3/2003
60027	LA-OS-00-01.001	LANL	4/3/2003
60028	LA-OS-00-01.001	LANL	4/3/2003
60029	LA-OS-00-01.001	LANL	4/3/2003
60030	LA-OS-00-01.001	LANL	4/3/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
60031	LA-OS-00-01.001	LANL	4/3/2003
59938	LA-OS-00-01.001	LANL	4/4/2003
60020	LA-OS-00-01.001	LANL	4/4/2003
60021	LA-OS-00-01.001	LANL	4/4/2003
60022	LA-OS-00-01.001	LANL	4/4/2003
60023	LA-OS-00-01.001	LANL	4/4/2003
60032	LA-OS-00-01.001	LANL	4/4/2003
60033	LA-OS-00-01.001	LANL	4/4/2003
60034	LA-OS-00-01.001	LANL	4/4/2003
60035	LA-OS-00-01.001	LANL	4/4/2003
60036	LA-OS-00-01.001	LANL	4/4/2003
60037	LA-OS-00-01.001	LANL	4/4/2003
60038	LA-OS-00-01.001	LANL	4/4/2003
60039	LA-OS-00-01.001	LANL	4/4/2003
60040	LA-OS-00-01.001	LANL	4/4/2003
60041	LA-OS-00-01.001	LANL	4/4/2003
60043	LA-OS-00-01.001	LANL	4/4/2003
60045	LA-OS-00-01.001	LANL	4/4/2003
60047	LA-OS-00-01.001	LANL	4/4/2003
60050	LA-OS-00-01.001	LANL	4/4/2003
60052	LA-OS-00-01.001	LANL	4/4/2003
60053	LA-OS-00-01.001	LANL	4/4/2003
59953	LA-OS-00-01.001	LANL	4/7/2003
59954	LA-OS-00-01.001	LANL	4/7/2003
59982	LA-OS-00-01.001	LANL	4/7/2003
59983	LA-OS-00-01.001	LANL	4/7/2003
60042	LA-OS-00-01.001	LANL	4/7/2003
60044	LA-OS-00-01.001	LANL	4/7/2003
60046	LA-OS-00-01.001	LANL	4/7/2003
60049	LA-OS-00-01.001	LANL	4/7/2003
60054	LA-OS-00-01.001	LANL	4/7/2003
60055	LA-OS-00-01.001	LANL	4/7/2003
60057	LA-OS-00-01.001	LANL	4/7/2003
60059	LA-OS-00-01.001	LANL	4/7/2003
60060	LA-OS-00-01.001	LANL	4/7/2003
60061	LA-OS-00-01.001	LANL	4/7/2003
60062	LA-OS-00-01.001	LANL	4/7/2003
60063	LA-OS-00-01.001	LANL	4/7/2003
60064	LA-OS-00-01.001	LANL	4/7/2003
60065	LA-OS-00-01.001	LANL	4/7/2003
60200	LA-OS-00-01.001	LANL	4/7/2003
59941	LA-OS-00-01.001	LANL	4/8/2003
59942	LA-OS-00-01.001	LANL	4/8/2003
59943	LA-OS-00-01.001	LANL	4/8/2003
59951	LA-OS-00-01.001	LANL	4/8/2003
59952	LA-OS-00-01.001	LANL	4/8/2003
59955	LA-OS-00-01.001	LANL	4/8/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
59956	LA-OS-00-01.001	LANL	4/8/2003
59958	LA-OS-00-01.001	LANL	4/8/2003
59959	LA-OS-00-01.001	LANL	4/8/2003
59984	LA-OS-00-01.001	LANL	4/8/2003
60058	LA-OS-00-01.001	LANL	4/8/2003
60066	LA-OS-00-01.001	LANL	4/8/2003
60067	LA-OS-00-01.001	LANL	4/8/2003
60068	LA-OS-00-01.001	LANL	4/8/2003
60069	LA-OS-00-01.001	LANL	4/8/2003
60070	LA-OS-00-01.001	LANL	4/8/2003
60071	LA-OS-00-01.001	LANL	4/8/2003
60072	LA-OS-00-01.001	LANL	4/8/2003
58793	LA-OS-00-01.001	LANL	4/16/2003
58794	LA-OS-00-01.001	LANL	4/16/2003
58795	LA-OS-00-01.001	LANL	4/16/2003
58796	LA-OS-00-01.001	LANL	4/16/2003
58797	LA-OS-00-01.001	LANL	4/16/2003
58798	LA-OS-00-01.001	LANL	4/16/2003
58799	LA-OS-00-01.001	LANL	4/16/2003
59900	LA-OS-00-01.001	LANL	4/16/2003
59901	LA-OS-00-01.001	LANL	4/16/2003
60300	LA-OS-00-01.001	LANL	5/20/2003
60302	LA-OS-00-01.001	LANL	5/28/2003
60303	LA-OS-00-01.001	LANL	5/28/2003
60367	LA-OS-00-01.001	LANL	5/28/2003
60078	LA-OS-00-01.001	LANL	6/2/2003
60079	LA-OS-00-01.001	LANL	6/2/2003
60080	LA-OS-00-01.001	LANL	6/2/2003
60081	LA-OS-00-01.001	LANL	6/2/2003
60082	LA-OS-00-01.001	LANL	6/2/2003
60083	LA-OS-00-01.001	LANL	6/2/2003
60084	LA-OS-00-01.001	LANL	6/2/2003
60085	LA-OS-00-01.001	LANL	6/2/2003
60086	LA-OS-00-01.001	LANL	6/2/2003
60087	LA-OS-00-01.001	LANL	6/2/2003
60088	LA-OS-00-01.001	LANL	6/2/2003
60089	LA-OS-00-01.001	LANL	6/2/2003
60090	LA-OS-00-01.001	LANL	6/2/2003
60091	LA-OS-00-01.001	LANL	6/2/2003
60092	LA-OS-00-01.001	LANL	6/2/2003
60093	LA-OS-00-01.001	LANL	6/2/2003
60094	LA-OS-00-01.001	LANL	6/2/2003
60095	LA-OS-00-01.001	LANL	6/2/2003
60096	LA-OS-00-01.001	LANL	6/2/2003
60097	LA-OS-00-01.001	LANL	6/2/2003
60098	LA-OS-00-01.001	LANL	6/3/2003
60099	LA-OS-00-01.001	LANL	6/3/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
60201	LA-OS-00-01.001	LANL	6/3/2003
60202	LA-OS-00-01.001	LANL	6/3/2003
60203	LA-OS-00-01.001	LANL	6/3/2003
60204	LA-OS-00-01.001	LANL	6/3/2003
60206	LA-OS-00-01.001	LANL	6/3/2003
60207	LA-OS-00-01.001	LANL	6/3/2003
60208	LA-OS-00-01.001	LANL	6/3/2003
60209	LA-OS-00-01.001	LANL	6/3/2003
60210	LA-OS-00-01.001	LANL	6/3/2003
60211	LA-OS-00-01.001	LANL	6/3/2003
60212	LA-OS-00-01.001	LANL	6/3/2003
60213	LA-OS-00-01.001	LANL	6/3/2003
60214	LA-OS-00-01.001	LANL	6/3/2003
60215	LA-OS-00-01.001	LANL	6/3/2003
60216	LA-OS-00-01.001	LANL	6/3/2003
60217	LA-OS-00-01.001	LANL	6/3/2003
60218	LA-OS-00-01.001	LANL	6/3/2003
60219	LA-OS-00-01.001	LANL	6/3/2003
60205	LA-OS-00-01.001	LANL	6/4/2003
60220	LA-OS-00-01.001	LANL	6/4/2003
60221	LA-OS-00-01.001	LANL	6/4/2003
60222	LA-OS-00-01.001	LANL	6/4/2003
60223	LA-OS-00-01.001	LANL	6/4/2003
60224	LA-OS-00-01.001	LANL	6/4/2003
60225	LA-OS-00-01.001	LANL	6/4/2003
60230	LA-OS-00-01.001	LANL	6/4/2003
60231	LA-OS-00-01.001	LANL	6/4/2003
60232	LA-OS-00-01.001	LANL	6/4/2003
60233	LA-OS-00-01.001	LANL	6/4/2003
61409	LA-OS-00-01.001	LANL	6/4/2003
60301	LA-OS-00-01.001	LANL	6/11/2003
60304	LA-OS-00-01.001	LANL	6/11/2003
61522	LA-OS-00-01.001	LANL	6/16/2003
61526	LA-OS-00-01.001	LANL	6/16/2003
59944	LA-OS-00-01.001	LANL	6/24/2003
59945	LA-OS-00-01.001	LANL	6/24/2003
59946	LA-OS-00-01.001	LANL	6/24/2003
59957	LA-OS-00-01.001	LANL	6/24/2003
60073	LA-OS-00-01.001	LANL	6/24/2003
60074	LA-OS-00-01.001	LANL	6/24/2003
60075	LA-OS-00-01.001	LANL	6/24/2003
60076	LA-OS-00-01.001	LANL	6/24/2003
60242	LA-OS-00-01.001	LANL	6/24/2003
60244	LA-OS-00-01.001	LANL	6/24/2003
60245	LA-OS-00-01.001	LANL	6/24/2003
60247	LA-OS-00-01.001	LANL	6/24/2003
60305	LA-OS-00-01.001	LANL	6/24/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
60306	LA-OS-00-01.001	LANL	6/24/2003
60307	LA-OS-00-01.001	LANL	6/24/2003
60308	LA-OS-00-01.001	LANL	6/24/2003
60309	LA-OS-00-01.001	LANL	6/24/2003
60311	LA-OS-00-01.001	LANL	6/24/2003
59937	LA-OS-00-01.001	LANL	6/25/2003
60077	LA-OS-00-01.001	LANL	6/25/2003
60237	LA-OS-00-01.001	LANL	6/25/2003
60238	LA-OS-00-01.001	LANL	6/25/2003
60239	LA-OS-00-01.001	LANL	6/25/2003
60240	LA-OS-00-01.001	LANL	6/25/2003
60241	LA-OS-00-01.001	LANL	6/25/2003
60243	LA-OS-00-01.001	LANL	6/25/2003
60246	LA-OS-00-01.001	LANL	6/25/2003
60248	LA-OS-00-01.001	LANL	6/25/2003
60249	LA-OS-00-01.001	LANL	6/25/2003
60252	LA-OS-00-01.001	LANL	6/25/2003
60263	LA-OS-00-01.001	LANL	6/25/2003
60310	LA-OS-00-01.001	LANL	6/25/2003
60312	LA-OS-00-01.001	LANL	6/25/2003
59960	LA-OS-00-01.001	LANL	6/26/2003
60250	LA-OS-00-01.001	LANL	6/26/2003
60251	LA-OS-00-01.001	LANL	6/26/2003
60253	LA-OS-00-01.001	LANL	6/26/2003
60254	LA-OS-00-01.001	LANL	6/26/2003
60255	LA-OS-00-01.001	LANL	6/26/2003
60256	LA-OS-00-01.001	LANL	6/26/2003
60257	LA-OS-00-01.001	LANL	6/26/2003
60258	LA-OS-00-01.001	LANL	6/26/2003
60259	LA-OS-00-01.001	LANL	6/26/2003
60260	LA-OS-00-01.001	LANL	6/26/2003
60261	LA-OS-00-01.001	LANL	6/26/2003
60262	LA-OS-00-01.001	LANL	6/26/2003
60264	LA-OS-00-01.001	LANL	6/26/2003
60265	LA-OS-00-01.001	LANL	6/26/2003
60266	LA-OS-00-01.001	LANL	6/26/2003
60267	LA-OS-00-01.001	LANL	6/26/2003
60268	LA-OS-00-01.001	LANL	6/26/2003
60269	LA-OS-00-01.001	LANL	6/26/2003
60270	LA-OS-00-01.001	LANL	6/26/2003
60271	LA-OS-00-01.001	LANL	6/26/2003
60272	LA-OS-00-01.001	LANL	6/26/2003
60274	LA-OS-00-01.001	LANL	6/26/2003
60275	LA-OS-00-01.001	LANL	6/26/2003
58568	LA-OS-00-01.001	LANL	7/17/2003
58702	LA-OS-00-01.001	LANL	7/21/2003
61401	LA-OS-00-01.001	LANL	8/5/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
61402	LA-OS-00-01.001	LANL	8/5/2003
58703	LA-OS-00-01.001	LANL	8/6/2003
61403	LA-OS-00-01.001	LANL	8/12/2003
61404	LA-OS-00-01.001	LANL	8/12/2003
61405	LA-OS-00-01.001	LANL	8/12/2003
61406	LA-OS-00-01.001	LANL	8/13/2003
61407	LA-OS-00-01.001	LANL	8/13/2003
61408	LA-OS-00-01.001	LANL	8/13/2003
61410	LA-OS-00-01.001	LANL	8/14/2003
61411	LA-OS-00-01.001	LANL	8/14/2003
61412	LA-OS-00-01.001	LANL	8/19/2003
61413	LA-OS-00-01.001	LANL	8/19/2003
61414	LA-OS-00-01.001	LANL	8/19/2003
61415	LA-OS-00-01.001	LANL	8/20/2003
61416	LA-OS-00-01.001	LANL	8/20/2003
61417	LA-OS-00-01.001	LANL	8/21/2003
61418	LA-OS-00-01.001	LANL	8/21/2003
59904	LA-OS-00-01.001	LANL	9/9/2003
61423	LA-OS-00-01.001	LANL	9/9/2003
61400	LA-OS-00-01.001	LANL	9/10/2003
61419	LA-OS-00-01.001	LANL	9/10/2003
61420	LA-OS-00-01.001	LANL	9/30/2003
61421	LA-OS-00-01.001	LANL	9/30/2003
61422	LA-OS-00-01.001	LANL	10/1/2003
61424	LA-OS-00-01.001	LANL	10/1/2003
61425	LA-OS-00-01.001	LANL	10/7/2003
61427	LA-OS-00-01.001	LANL	10/7/2003
61426	LA-OS-00-01.001	LANL	10/8/2003
61428	LA-OS-00-01.001	LANL	10/24/2003
61429	LA-OS-00-01.001	LANL	10/24/2003
61431	LA-OS-00-01.001	LANL	10/29/2003
61434	LA-OS-00-01.001	LANL	11/4/2003
61435	LA-OS-00-01.001	LANL	11/4/2003
61436	LA-OS-00-01.001	LANL	11/5/2003
61430	LA-OS-00-01.001	LANL	11/11/2003
61433	LA-OS-00-01.001	LANL	11/11/2003
61437	LA-OS-00-01.001	LANL	11/11/2003
61438	LA-OS-00-01.001	LANL	11/12/2003
61439	LA-OS-00-01.001	LANL	11/12/2003
61443	LA-OS-00-01.001	LANL	11/13/2003
61444	LA-OS-00-01.001	LANL	11/13/2003
61440	LA-OS-00-01.001	LANL	12/1/2003
61441	LA-OS-00-01.001	LANL	12/1/2003
60276	LA-OS-00-01.001	LANL	12/2/2003
60277	LA-OS-00-01.001	LANL	12/2/2003
60278	LA-OS-00-01.001	LANL	12/2/2003
60279	LA-OS-00-01.001	LANL	12/2/2003

Container Identification Number	Waste Stream No	Generation Point	Gen Date
60280	LA-OS-00-01.001	LANL	12/2/2003
61442	LA-OS-00-01.001	LANL	12/2/2003
60282	LA-OS-00-01.001	LANL	12/3/2003
60283	LA-OS-00-01.001	LANL	12/3/2003
60284	LA-OS-00-01.001	LANL	12/3/2003
60285	LA-OS-00-01.001	LANL	12/3/2003
60286	LA-OS-00-01.001	LANL	12/3/2003
60287	LA-OS-00-01.001	LANL	12/3/2003
60288	LA-OS-00-01.001	LANL	12/3/2003
61446	LA-OS-00-01.001	LANL	12/3/2003
60289	LA-OS-00-01.001	LANL	12/4/2003
60290	LA-OS-00-01.001	LANL	12/4/2003
60291	LA-OS-00-01.001	LANL	12/4/2003
60292	LA-OS-00-01.001	LANL	12/4/2003
60293	LA-OS-00-01.001	LANL	12/4/2003
60294	LA-OS-00-01.001	LANL	12/4/2003
60295	LA-OS-00-01.001	LANL	12/4/2003
60296	LA-OS-00-01.001	LANL	12/4/2003
60297	LA-OS-00-01.001	LANL	12/4/2003
61448	LA-OS-00-01.001	LANL	12/8/2003
61449	LA-OS-00-01.001	LANL	12/8/2003
61450	LA-OS-00-01.001	LANL	12/9/2003
61451	LA-OS-00-01.001	LANL	12/9/2003
61452	LA-OS-00-01.001	LANL	12/9/2003
61453	LA-OS-00-01.001	LANL	12/10/2003
60273	LA-OS-00-01.001	LANL	12/12/2003
60281	LA-OS-00-01.001	LANL	12/12/2003
61663	LA-OS-00-01.001	LANL	12/13/2003
60390	LA-OS-00-01.001	LANL	12/16/2003
61482	LA-OS-00-01.001	LANL	12/16/2003
61487	LA-OS-00-01.001	LANL	12/16/2003
61488	LA-OS-00-01.001	LANL	12/16/2003
61481	LA-OS-00-01.001	LANL	12/17/2003
61483	LA-OS-00-01.001	LANL	12/17/2003
61484	LA-OS-00-01.001	LANL	12/17/2003
61489	LA-OS-00-01.001	LANL	12/17/2003
61494	LA-OS-00-01.001	LANL	1/20/2004
61495	LA-OS-00-01.001	LANL	1/21/2004
60298	LA-OS-00-01.001	LANL	1/27/2004
60299	LA-OS-00-01.001	LANL	1/27/2004
60313	LA-OS-00-01.001	LANL	1/27/2004
60314	LA-OS-00-01.001	LANL	1/27/2004
60316	LA-OS-00-01.001	LANL	1/27/2004
60317	LA-OS-00-01.001	LANL	1/27/2004
60318	LA-OS-00-01.001	LANL	1/27/2004
60319	LA-OS-00-01.001	LANL	1/27/2004
60320	LA-OS-00-01.001	LANL	1/27/2004

Container Identification Number	Waste Stream No	Generation Point	Gen Date
60321	LA-OS-00-01.001	LANL	1/27/2004
60322	LA-OS-00-01.001	LANL	1/27/2004
60323	LA-OS-00-01.001	LANL	1/27/2004
60324	LA-OS-00-01.001	LANL	1/27/2004
60325	LA-OS-00-01.001	LANL	1/27/2004
60326	LA-OS-00-01.001	LANL	1/27/2004
60335	LA-OS-00-01.001	LANL	1/27/2004
60336	LA-OS-00-01.001	LANL	1/27/2004
60337	LA-OS-00-01.001	LANL	1/27/2004
60328	LA-OS-00-01.001	LANL	1/28/2004
60329	LA-OS-00-01.001	LANL	1/28/2004
60330	LA-OS-00-01.001	LANL	1/28/2004
60331	LA-OS-00-01.001	LANL	1/28/2004
60332	LA-OS-00-01.001	LANL	1/28/2004
60333	LA-OS-00-01.001	LANL	1/28/2004
60334	LA-OS-00-01.001	LANL	1/28/2004
60338	LA-OS-00-01.001	LANL	1/28/2004
60339	LA-OS-00-01.001	LANL	1/28/2004
60340	LA-OS-00-01.001	LANL	1/28/2004
60341	LA-OS-00-01.001	LANL	1/28/2004
60344	LA-OS-00-01.001	LANL	1/28/2004
60345	LA-OS-00-01.001	LANL	1/28/2004
60347	LA-OS-00-01.001	LANL	1/28/2004
60348	LA-OS-00-01.001	LANL	1/28/2004
60327	LA-OS-00-01.001	LANL	1/29/2004
60342	LA-OS-00-01.001	LANL	1/29/2004
60346	LA-OS-00-01.001	LANL	1/29/2004
60351	LA-OS-00-01.001	LANL	1/29/2004
60352	LA-OS-00-01.001	LANL	1/29/2004
60354	LA-OS-00-01.001	LANL	1/29/2004
60361	LA-OS-00-01.001	LANL	1/29/2004
60362	LA-OS-00-01.001	LANL	1/29/2004
61500	LA-OS-00-01.001	LANL	2/11/2004
61501	LA-OS-00-01.001	LANL	2/11/2004
61497	LA-OS-00-01.001	LANL	2/12/2004
61498	LA-OS-00-01.001	LANL	2/12/2004
61499	LA-OS-00-01.001	LANL	2/12/2004
61490	LA-OS-00-01.001	LANL	2/24/2004
61503	LA-OS-00-01.001	LANL	3/2/2004
61504	LA-OS-00-01.001	LANL	3/3/2004
61502	LA-OS-00-01.001	LANL	3/10/2004
61517	LA-OS-00-01.001	LANL	3/16/2004
61518	LA-OS-00-01.001	LANL	3/16/2004
61519	LA-OS-00-01.001	LANL	3/16/2004
61520	LA-OS-00-01.001	LANL	3/16/2004
61521	LA-OS-00-01.001	LANL	3/16/2004
61523	LA-OS-00-01.001	LANL	3/16/2004

Container Identification Number	Waste Stream No	Generation Point	Gen Date
61524	LA-OS-00-01.001	LANL	3/16/2004
61527	LA-OS-00-01.001	LANL	3/16/2004
61528	LA-OS-00-01.001	LANL	3/16/2004
61530	LA-OS-00-01.001	LANL	3/16/2004
61536	LA-OS-00-01.001	LANL	3/16/2004
61529	LA-OS-00-01.001	LANL	3/17/2004
61533	LA-OS-00-01.001	LANL	3/17/2004
61534	LA-OS-00-01.001	LANL	3/17/2004
61535	LA-OS-00-01.001	LANL	3/17/2004
61565	LA-OS-00-01.001	LANL	3/23/2004
61491	LA-OS-00-01.001	LANL	3/29/2004
61492	LA-OS-00-01.001	LANL	3/30/2004
61507	LA-OS-00-01.001	LANL	3/30/2004
61508	LA-OS-00-01.001	LANL	3/30/2004
61509	LA-OS-00-01.001	LANL	3/30/2004
61511	LA-OS-00-01.001	LANL	4/7/2004
60349	LA-OS-00-01.001	LANL	4/13/2004
60350	LA-OS-00-01.001	LANL	4/13/2004
60353	LA-OS-00-01.001	LANL	4/13/2004
60356	LA-OS-00-01.001	LANL	4/13/2004
60364	LA-OS-00-01.001	LANL	4/13/2004
61579	LA-OS-00-01.001	LANL	4/13/2004
61597	LA-OS-00-01.001	LANL	4/13/2004
60343	LA-OS-00-01.001	LANL	4/14/2004
60357	LA-OS-00-01.001	LANL	4/14/2004
60358	LA-OS-00-01.001	LANL	4/14/2004
60359	LA-OS-00-01.001	LANL	4/14/2004
60360	LA-OS-00-01.001	LANL	4/14/2004
60363	LA-OS-00-01.001	LANL	4/14/2004
60373	LA-OS-00-01.001	LANL	4/14/2004
61598	LA-OS-00-01.001	LANL	4/14/2004
60365	LA-OS-00-01.001	LANL	4/15/2004
60366	LA-OS-00-01.001	LANL	4/15/2004
60368	LA-OS-00-01.001	LANL	4/15/2004
60370	LA-OS-00-01.001	LANL	4/15/2004
60372	LA-OS-00-01.001	LANL	4/15/2004
61454	LA-OS-00-01.001	LANL	4/15/2004
61560	LA-OS-00-01.001	LANL	4/15/2004
61561	LA-OS-00-01.001	LANL	4/15/2004
61562	LA-OS-00-01.001	LANL	4/15/2004
60315	LA-OS-00-01.001	LANL	4/16/2004
60355	LA-OS-00-01.001	LANL	4/20/2004
62378	LA-OS-00-01.001	LANL	5/17/2004
61580	LA-OS-00-01.001	LANL	6/2/2004
61564	LA-OS-00-01.001	LANL	6/20/2004
61510	LA-OS-00-01.001	LANL	6/21/2004
61577	LA-OS-00-01.001	LANL	6/22/2004

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61578	LA-OS-00-01.001	LANL	6/22/2004
61575	LA-OS-00-01.001	LANL	6/29/2004
61576	LA-OS-00-01.001	LANL	6/29/2004
61512	LA-OS-00-01.001	LANL	7/7/2004
61563	LA-OS-00-01.001	LANL	7/7/2004
61513	LA-OS-00-01.001	LANL	7/15/2004
61539	LA-OS-00-01.001	LANL	10/10/2004
60371	LA-OS-00-01.001	LANL	11/30/2004
60379	LA-OS-00-01.001	LANL	11/30/2004
60382	LA-OS-00-01.001	LANL	11/30/2004
60376	LA-OS-00-01.001	LANL	12/1/2004
60374	LA-OS-00-01.001	LANL	12/2/2004
60375	LA-OS-00-01.001	LANL	12/2/2004
60378	LA-OS-00-01.001	LANL	12/2/2004
60381	LA-OS-00-01.001	LANL	12/2/2004
60377	LA-OS-00-01.001	LANL	12/15/2004
60387	LA-OS-00-01.001	LANL	12/15/2004
60388	LA-OS-00-01.001	LANL	12/15/2004
60389	LA-OS-00-01.001	LANL	12/15/2004
60391	LA-OS-00-01.001	LANL	12/15/2004
60383	LA-OS-00-01.001	LANL	12/16/2004
60392	LA-OS-00-01.001	LANL	12/16/2004
60393	LA-OS-00-01.001	LANL	12/16/2004
60394	LA-OS-00-01.001	LANL	12/16/2004
60395	LA-OS-00-01.001	LANL	12/16/2004
61540	LA-OS-00-01.001	LANL	3/7/2005
61541	LA-OS-00-01.001	LANL	3/7/2005
61542	LA-OS-00-01.001	LANL	3/8/2005
61543	LA-OS-00-01.001	LANL	3/8/2005
61515	LA-OS-00-01.001	LANL	3/11/2005
61544	LA-OS-00-01.001	LANL	3/22/2005
61545	LA-OS-00-01.001	LANL	3/22/2005
61546	LA-OS-00-01.001	LANL	3/22/2005
61547	LA-OS-00-01.001	LANL	3/22/2005
61548	LA-OS-00-01.001	LANL	3/23/2005
61549	LA-OS-00-01.001	LANL	3/23/2005
61550	LA-OS-00-01.001	LANL	3/23/2005
61551	LA-OS-00-01.001	LANL	3/23/2005
61552	LA-OS-00-01.001	LANL	3/23/2005
61553	LA-OS-00-01.001	LANL	3/23/2005
61554	LA-OS-00-01.001	LANL	3/23/2005
61555	LA-OS-00-01.001	LANL	3/23/2005
61585	LA-OS-00-01.001	LANL	3/23/2005
61586	LA-OS-00-01.001	LANL	3/23/2005
61587	LA-OS-00-01.001	LANL	3/23/2005
61588	LA-OS-00-01.001	LANL	3/23/2005
61556	LA-OS-00-01.001	LANL	3/24/2005

Container Identification Number	Waste Stream No	Generation Point	Gen Date
61557	LA-OS-00-01.001	LANL	3/24/2005
60384	LA-OS-00-01.001	LANL	5/3/2005
60386	LA-OS-00-01.001	LANL	5/3/2005
60396	LA-OS-00-01.001	LANL	5/3/2005
60397	LA-OS-00-01.001	LANL	5/3/2005
61589	LA-OS-00-01.001	LANL	5/4/2005
60380	LA-OS-00-01.001	LANL	5/5/2005
60398	LA-OS-00-01.001	LANL	5/5/2005
61505	LA-OS-00-01.001	LANL	5/5/2005
61590	LA-OS-00-01.001	LANL	5/24/2005
61595	LA-OS-00-01.001	LANL	5/24/2005
61591	LA-OS-00-01.001	LANL	5/25/2005
61592	LA-OS-00-01.001	LANL	5/25/2005
61593	LA-OS-00-01.001	LANL	5/25/2005
60399	LA-OS-00-01.001	LANL	6/14/2005
61600	LA-OS-00-01.001	LANL	6/14/2005
61601	LA-OS-00-01.001	LANL	6/14/2005
58566	LA-OS-00-01.001	LANL	6/29/2005
58632	LA-OS-00-01.001	LANL	6/29/2005
58633	LA-OS-00-01.001	LANL	6/29/2005
58634	LA-OS-00-01.001	LANL	6/29/2005
58682	LA-OS-00-01.001	LANL	6/29/2005
61582	LA-OS-00-01.001	LANL	7/19/2005
61599	LA-OS-00-01.001	LANL	7/19/2005
62300	LA-OS-00-01.001	LANL	7/19/2005
62301	LA-OS-00-01.001	LANL	7/19/2005
58792	LA-OS-00-01.001	LANL	7/26/2005
61558	LA-OS-00-01.001	LANL	7/26/2005
61559	LA-OS-00-01.001	LANL	7/26/2005
62307	LA-OS-00-01.001	LANL	7/26/2005
62308	LA-OS-00-01.001	LANL	7/26/2005
62309	LA-OS-00-01.001	LANL	9/15/2005
62310	LA-OS-00-01.001	LANL	9/15/2005
62311	LA-OS-00-01.001	LANL	9/15/2005
62312	LA-OS-00-01.001	LANL	9/16/2005
61624	LA-OS-00-01.001	LANL	9/25/2005
61608	LA-OS-00-01.001	LANL	9/28/2005
61613	LA-OS-00-01.001	LANL	9/28/2005
61614	LA-OS-00-01.001	LANL	9/28/2005
61616	LA-OS-00-01.001	LANL	9/28/2005
61618	LA-OS-00-01.001	LANL	9/28/2005
61620	LA-OS-00-01.001	LANL	9/28/2005
61621	LA-OS-00-01.001	LANL	9/28/2005
61609	LA-OS-00-01.001	LANL	9/29/2005
61610	LA-OS-00-01.001	LANL	9/29/2005
61611	LA-OS-00-01.001	LANL	9/29/2005
61612	LA-OS-00-01.001	LANL	9/29/2005

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61622	LA-OS-00-01.001	LANL	9/29/2005
62313	LA-OS-00-01.001	LANL	10/26/2005
62314	LA-OS-00-01.001	LANL	11/3/2005
61651	LA-OS-00-01.001	LANL	11/9/2005
62315	LA-OS-00-01.001	LANL	11/9/2005
61605	LA-OS-00-01.001	LANL	11/16/2005
61606	LA-OS-00-01.001	LANL	11/16/2005
61607	LA-OS-00-01.001	LANL	11/16/2005
61617	LA-OS-00-01.001	LANL	11/16/2005
62388	LA-OS-00-01.001	LANL	12/7/2005
52325	LA-OS-00-01.001	LANL	12/13/2005
61432	LA-OS-00-01.001	LANL	1/12/2006
61514	LA-OS-00-01.001	LANL	1/12/2006
61604	LA-OS-00-01.001	LANL	1/12/2006
61625	LA-OS-00-01.001	LANL	1/12/2006
62374	LA-OS-00-01.001	LANL	1/17/2006
61619	LA-OS-00-01.001	LANL	1/18/2006
62376	LA-OS-00-01.001	LANL	1/18/2006
62377	LA-OS-00-01.001	LANL	1/18/2006
62380	LA-OS-00-01.001	LANL	1/26/2006
62381	LA-OS-00-01.001	LANL	1/27/2006
62382	LA-OS-00-01.001	LANL	1/30/2006
62383	LA-OS-00-01.001	LANL	2/1/2006
62395	LA-OS-00-01.001	LANL	2/7/2006
62396	LA-OS-00-01.001	LANL	2/8/2006
62384	LA-OS-00-01.001	LANL	2/13/2006
61623	LA-OS-00-01.001	LANL	2/16/2006
61626	LA-OS-00-01.001	LANL	2/16/2006
61628	LA-OS-00-01.001	LANL	2/16/2006
62375	LA-OS-00-01.001	LANL	2/16/2006
62379	LA-OS-00-01.001	LANL	2/22/2006
62385	LA-OS-00-01.001	LANL	3/1/2006
62386	LA-OS-00-01.001	LANL	3/1/2006
62302	LA-OS-00-01.001	LANL	3/15/2006
62303	LA-OS-00-01.001	LANL	3/21/2006
62726	LA-OS-00-01.001	LANL	3/23/2006
62727	LA-OS-00-01.001	LANL	3/23/2006
62730	LA-OS-00-01.001	LANL	3/29/2006
62731	LA-OS-00-01.001	LANL	3/29/2006
62732	LA-OS-00-01.001	LANL	3/29/2006
62728	LA-OS-00-01.001	LANL	3/30/2006
62729	LA-OS-00-01.001	LANL	3/30/2006
62724	LA-OS-00-01.001	LANL	4/6/2006
62725	LA-OS-00-01.001	LANL	4/6/2006
62722	LA-OS-00-01.001	LANL	4/20/2006
62723	LA-OS-00-01.001	LANL	4/20/2006
62304	LA-OS-00-01.001	LANL	5/11/2006

Container Identification Number	Waste Stream No	Generation Point	Gen Date
62733	LA-OS-00-01.001	LANL	5/11/2006
61629	LA-OS-00-01.001	LANL	5/16/2006
61631	LA-OS-00-01.001	LANL	5/16/2006
61632	LA-OS-00-01.001	LANL	5/18/2006
61633	LA-OS-00-01.001	LANL	5/18/2006
61634	LA-OS-00-01.001	LANL	5/18/2006
61635	LA-OS-00-01.001	LANL	5/18/2006
62705	LA-OS-00-01.001	LANL	6/6/2006
62706	LA-OS-00-01.001	LANL	6/6/2006
62707	LA-OS-00-01.001	LANL	7/12/2006
61636	LA-OS-00-01.001	LANL	7/17/2006
61637	LA-OS-00-01.001	LANL	7/17/2006
61638	LA-OS-00-01.001	LANL	7/17/2006
61639	LA-OS-00-01.001	LANL	7/17/2006
61640	LA-OS-00-01.001	LANL	7/18/2006
61641	LA-OS-00-01.001	LANL	7/18/2006
61642	LA-OS-00-01.001	LANL	7/18/2006
61643	LA-OS-00-01.001	LANL	7/19/2006
61615	LA-OS-00-01.001	LANL	7/20/2006
61644	LA-OS-00-01.001	LANL	7/20/2006
61645	LA-OS-00-01.001	LANL	7/20/2006
61646	LA-OS-00-01.001	LANL	7/20/2006
61647	LA-OS-00-01.001	LANL	7/20/2006
62305	LA-OS-00-01.001	LANL	8/8/2006
62716	LA-OS-00-01.001	LANL	8/8/2006
62769	LA-OS-00-01.001	LANL	8/10/2006
62770	LA-OS-00-01.001	LANL	8/10/2006
64038	LA-OS-00-01.001	LANL	8/13/2006
62736	LA-OS-00-01.001	LANL	8/15/2006
62737	LA-OS-00-01.001	LANL	8/15/2006
62719	LA-OS-00-01.001	LANL	8/16/2006
62738	LA-OS-00-01.001	LANL	8/16/2006
62739	LA-OS-00-01.001	LANL	8/16/2006
62740	LA-OS-00-01.001	LANL	8/16/2006
62741	LA-OS-00-01.001	LANL	8/16/2006
62742	LA-OS-00-01.001	LANL	8/17/2006
62715	LA-OS-00-01.001	LANL	8/23/2006
62717	LA-OS-00-01.001	LANL	8/23/2006
62718	LA-OS-00-01.001	LANL	8/23/2006
62747	LA-OS-00-01.001	LANL	9/12/2006
62748	LA-OS-00-01.001	LANL	9/12/2006
62750	LA-OS-00-01.001	LANL	9/12/2006
64524	LA-OS-00-01.001	LANL	9/12/2006
62746	LA-OS-00-01.001	LANL	9/13/2006
62751	LA-OS-00-01.001	LANL	9/13/2006
62743	LA-OS-00-01.001	LANL	10/3/2006
61650	LA-OS-00-01.001	LANL	10/5/2006

Container Identification Number	Waste Stream No	Generation Point	Gen Date
61648	LA-OS-00-01.001	LANL	10/19/2006
61652	LA-OS-00-01.001	LANL	10/19/2006
62744	LA-OS-00-01.001	LANL	10/24/2006
64066	LA-OS-00-01.001	LANL	10/30/2006
62752	LA-OS-00-01.001	LANL	11/9/2006
64518	LA-OS-00-01.001	LANL	11/11/2006
61493	LA-OS-00-01.001	LANL	11/20/2006
62753	LA-OS-00-01.001	LANL	1/17/2007
62754	LA-OS-00-01.001	LANL	1/17/2007
62755	LA-OS-00-01.001	LANL	1/18/2007
61571	LA-OS-00-01.001	LANL	3/20/2007
61572	LA-OS-00-01.001	LANL	3/20/2007
61573	LA-OS-00-01.001	LANL	3/20/2007
62761	LA-OS-00-01.001	LANL	4/3/2007
62762	LA-OS-00-01.001	LANL	4/3/2007
61567	LA-OS-00-01.001	LANL	4/4/2007
62763	LA-OS-00-01.001	LANL	4/4/2007
61653	LA-OS-00-01.001	LANL	4/26/2007
61654	LA-OS-00-01.001	LANL	4/26/2007
61655	LA-OS-00-01.001	LANL	4/26/2007
61657	LA-OS-00-01.001	LANL	4/26/2007
61658	LA-OS-00-01.001	LANL	5/9/2007
62771	LA-OS-00-01.001	LANL	6/25/2007
62772	LA-OS-00-01.001	LANL	6/25/2007
62773	LA-OS-00-01.001	LANL	6/25/2007
62774	LA-OS-00-01.001	LANL	6/25/2007
62775	LA-OS-00-01.001	LANL	6/25/2007
62776	LA-OS-00-01.001	LANL	6/27/2007
61566	LA-OS-00-01.001	LANL	8/21/2007
61660	LA-OS-00-01.001	LANL	8/21/2007
61661	LA-OS-00-01.001	LANL	8/21/2007
61659	LA-OS-00-01.001	LANL	8/22/2007
61584	LA-OS-00-01.001	LANL	8/27/2007
61596	LA-OS-00-01.001	LANL	8/28/2007
61583	LA-OS-00-01.001	LANL	9/5/2007
61568	LA-OS-00-01.001	LANL	9/18/2007
64000	LA-OS-00-01.001	LANL	9/19/2007
64003	LA-OS-00-01.001	LANL	9/19/2007
64009	LA-OS-00-01.001	LANL	9/19/2007
64011	LA-OS-00-01.001	LANL	9/19/2007
64001	LA-OS-00-01.001	LANL	9/20/2007
64004	LA-OS-00-01.001	LANL	9/20/2007
64006	LA-OS-00-01.001	LANL	9/20/2007
64005	LA-OS-00-01.001	LANL	9/21/2007
64007	LA-OS-00-01.001	LANL	9/21/2007
64010	LA-OS-00-01.001	LANL	9/21/2007
64012	LA-OS-00-01.001	LANL	9/21/2007

Container Identification Number	Waste Stream No	Generation Point	Gen Date
61569	LA-OS-00-01.001	LANL	9/26/2007
61459	LA-OS-00-01.001	LANL	10/10/2007
61460	LA-OS-00-01.001	LANL	10/10/2007
61461	LA-OS-00-01.001	LANL	10/10/2007
61570	LA-OS-00-01.001	LANL	12/11/2007
64014	LA-OS-00-01.001	LANL	12/11/2007
64002	LA-OS-00-01.001	LANL	12/13/2007
64008	LA-OS-00-01.001	LANL	12/13/2007
62711	LA-OS-00-01.001	LANL	1/1/2008
62709	LA-OS-00-01.001	LANL	1/21/2008
62710	LA-OS-00-01.001	LANL	1/21/2008
64015	LA-OS-00-01.001	LANL	1/22/2008
62708	LA-OS-00-01.001	LANL	1/24/2008
62712	LA-OS-00-01.001	LANL	1/24/2008
62713	LA-OS-00-01.001	LANL	1/24/2008
62734	LA-OS-00-01.001	LANL	2/26/2008
62735	LA-OS-00-01.001	LANL	2/26/2008
62778	LA-OS-00-01.001	LANL	2/26/2008
62779	LA-OS-00-01.001	LANL	2/26/2008
62768	LA-OS-00-01.001	LANL	2/28/2008
62720	LA-OS-00-01.001	LANL	4/7/2008
62721	LA-OS-00-01.001	LANL	4/7/2008
62764	LA-OS-00-01.001	LANL	4/8/2008
62765	LA-OS-00-01.001	LANL	4/30/2008
64040	LA-OS-00-01.001	LANL	4/30/2008
61630	LA-OS-00-01.001	LANL	5/13/2008
61664	LA-OS-00-01.001	LANL	5/13/2008
61665	LA-OS-00-01.001	LANL	5/13/2008
61666	LA-OS-00-01.001	LANL	5/13/2008
61667	LA-OS-00-01.001	LANL	5/13/2008
61668	LA-OS-00-01.001	LANL	5/13/2008
61669	LA-OS-00-01.001	LANL	5/13/2008
61670	LA-OS-00-01.001	LANL	5/13/2008
61671	LA-OS-00-01.001	LANL	5/13/2008
61672	LA-OS-00-01.001	LANL	5/13/2008
61673	LA-OS-00-01.001	LANL	5/13/2008
61674	LA-OS-00-01.001	LANL	5/13/2008
61675	LA-OS-00-01.001	LANL	5/13/2008
61676	LA-OS-00-01.001	LANL	5/13/2008
61677	LA-OS-00-01.001	LANL	5/13/2008
61678	LA-OS-00-01.001	LANL	5/13/2008
61679	LA-OS-00-01.001	LANL	5/13/2008
61680	LA-OS-00-01.001	LANL	5/13/2008
61681	LA-OS-00-01.001	LANL	5/13/2008
61682	LA-OS-00-01.001	LANL	5/13/2008
61683	LA-OS-00-01.001	LANL	5/14/2008
61684	LA-OS-00-01.001	LANL	5/14/2008

Container Identification Number	Waste Stream No	Generation Point	Gen Date
61685	LA-OS-00-01.001	LANL	5/14/2008
61686	LA-OS-00-01.001	LANL	5/14/2008
61687	LA-OS-00-01.001	LANL	5/15/2008
61689	LA-OS-00-01.001	LANL	5/15/2008
61690	LA-OS-00-01.001	LANL	5/15/2008
61691	LA-OS-00-01.001	LANL	5/15/2008
61692	LA-OS-00-01.001	LANL	5/15/2008
64017	LA-OS-00-01.001	LANL	5/21/2008
64018	LA-OS-00-01.001	LANL	5/23/2008
64019	LA-OS-00-01.001	LANL	5/23/2008
64041	LA-OS-00-01.001	LANL	6/17/2008
64042	LA-OS-00-01.001	LANL	6/17/2008
64043	LA-OS-00-01.001	LANL	6/17/2008
64044	LA-OS-00-01.001	LANL	6/17/2008
59961	LA-OS-00-01.001	LANL	7/22/2008
61594	LA-OS-00-01.001	LANL	7/23/2008
61695	LA-OS-00-01.001	LANL	7/23/2008
62766	LA-OS-00-01.001	LANL	8/12/2008
62767	LA-OS-00-01.001	LANL	8/12/2008
64036	LA-OS-00-01.001	LANL	8/12/2008
64039	LA-OS-00-01.001	LANL	9/9/2008
61662	LA-OS-00-01.001	LANL	10/7/2008
64060	LA-OS-00-01.001	LANL	10/21/2008
64061	LA-OS-00-01.001	LANL	10/22/2008
64062	LA-OS-00-01.001	LANL	10/22/2008
64063	LA-OS-00-01.001	LANL	10/22/2008
64045	LA-OS-00-01.001	LANL	10/28/2008
64046	LA-OS-00-01.001	LANL	10/29/2008
64065	LA-OS-00-01.001	LANL	10/30/2008
61698	LA-OS-00-01.001	LANL	11/3/2008
64069	LA-OS-00-01.001	LANL	11/4/2008
64070	LA-OS-00-01.001	LANL	11/4/2008
64071	LA-OS-00-01.001	LANL	11/4/2008
64073	LA-OS-00-01.001	LANL	11/4/2008
64074	LA-OS-00-01.001	LANL	11/4/2008
64075	LA-OS-00-01.001	LANL	11/5/2008
64076	LA-OS-00-01.001	LANL	11/5/2008
64047	LA-OS-00-01.001	LANL	11/13/2008
64048	LA-OS-00-01.001	LANL	11/13/2008
64049	LA-OS-00-01.001	LANL	11/13/2008
64501	LA-OS-00-01.001	LANL	1/14/2009
64502	LA-OS-00-01.001	LANL	1/14/2009
64503	LA-OS-00-01.001	LANL	1/14/2009
64507	LA-OS-00-01.001	LANL	1/21/2009
64508	LA-OS-00-01.001	LANL	1/21/2009
64050	LA-OS-00-01.001	LANL	1/27/2009
64522	LA-OS-00-01.001	LANL	3/2/2009

Container Identification Number	Waste Stream No	Generation Point	Gen Date
64517	LA-OS-00-01.001	LANL	3/3/2009
64521	LA-OS-00-01.001	LANL	3/3/2009
64520	LA-OS-00-01.001	LANL	3/4/2009
64515	LA-OS-00-01.001	LANL	3/5/2009
64078	LA-OS-00-01.001	LANL	3/13/2009
64525	LA-OS-00-01.001	LANL	3/13/2009
64079	LA-OS-00-01.001	LANL	5/5/2009
64523	LA-OS-00-01.001	LANL	5/28/2009
64528	LA-OS-00-01.001	LANL	6/23/2009
64529	LA-OS-00-01.001	LANL	6/23/2009
64530	LA-OS-00-01.001	LANL	6/24/2009
64536	LA-OS-00-01.001	LANL	7/29/2009
64021	LA-OS-00-01.001	LANL	8/14/2009
64509	LA-OS-00-01.001	LANL	8/18/2009
64510	LA-OS-00-01.001	LANL	8/18/2009
64526	LA-OS-00-01.001	LANL	8/25/2009
64020	LA-OS-00-01.001	LANL	10/14/2009
64033	LA-OS-00-01.001	LANL	10/27/2009
64034	LA-OS-00-01.001	LANL	10/27/2009
64550	LA-OS-00-01.001	LANL	12/28/2009
64549	LA-OS-00-01.001	LANL	12/29/2009
64548	LA-OS-00-01.001	LANL	1/26/2010
64583	LA-OS-00-01.001	LANL	4/5/2010
60227	LA-OS-00-01.001	LANL	4/19/2010
60228	LA-OS-00-01.001	LANL	4/19/2010
60229	LA-OS-00-01.001	LANL	4/19/2010
60234	LA-OS-00-01.001	LANL	4/19/2010
60235	LA-OS-00-01.001	LANL	4/19/2010
64035	LA-OS-00-01.001	LANL	4/21/2010
64067	LA-OS-00-01.001	LANL	4/21/2010
64068	LA-OS-00-01.001	LANL	4/21/2010
64537	LA-OS-00-01.001	LANL	4/21/2010
64553	LA-OS-00-01.001	LANL	5/20/2010
64554	LA-OS-00-01.001	LANL	5/20/2010
64577	LA-OS-00-01.001	LANL	6/14/2010
64578	LA-OS-00-01.001	LANL	6/14/2010
64051	LA-OS-00-01.001	LANL	6/28/2010
64052	LA-OS-00-01.001	LANL	6/28/2010
64585	LA-OS-00-01.001	LANL	7/13/2010
64592	LA-OS-00-01.001	LANL	7/13/2010
64595	LA-OS-00-01.001	LANL	7/14/2010
64539	LA-OS-00-01.001	LANL	7/15/2010
64534	LA-OS-00-01.001	LANL	8/6/2010
64016	LA-OS-00-01.001	LANL	8/10/2010
64540	LA-OS-00-01.001	LANL	8/10/2010
64586	LA-OS-00-01.001	LANL	8/10/2010
64589	LA-OS-00-01.001	LANL	8/10/2010

Container Identification Number	Waste Stream No	Generation Point	Gen Date
64542	LA-OS-00-01.001	LANL	8/11/2010
64580	LA-OS-00-01.001	LANL	9/2/2010
64581	LA-OS-00-01.001	LANL	9/2/2010
64511	LA-OS-00-01.001	LANL	9/16/2010
64597	LA-OS-00-01.001	LANL	9/16/2010
64544	LA-OS-00-01.001	LANL	10/14/2010
64556	LA-OS-00-01.001	LANL	10/15/2010
65404	LA-OS-00-01.001	LANL	10/26/2010
65405	LA-OS-00-01.001	LANL	10/26/2010
65406	LA-OS-00-01.001	LANL	10/27/2010
65407	LA-OS-00-01.001	LANL	10/27/2010
65408	LA-OS-00-01.001	LANL	10/28/2010
65409	LA-OS-00-01.001	LANL	12/8/2010
65410	LA-OS-00-01.001	LANL	12/8/2010
65411	LA-OS-00-01.001	LANL	12/8/2010
64582	LA-OS-00-01.001	LANL	12/9/2010
64599	LA-OS-00-01.001	LANL	1/11/2011
64559	LA-OS-00-01.001	LANL	2/14/2011
64560	LA-OS-00-01.001	LANL	2/14/2011
64561	LA-OS-00-01.001	LANL	2/14/2011
64545	LA-OS-00-01.001	LANL	2/15/2011
64547	LA-OS-00-01.001	LANL	2/15/2011
64562	LA-OS-00-01.001	LANL	2/15/2011
64546	LA-OS-00-01.001	LANL	2/16/2011
64081	LA-OS-00-01.001	LANL	2/17/2011
64557	LA-OS-00-01.001	LANL	2/17/2011
65413	LA-OS-00-01.001	LANL	2/17/2011
65442	LA-OS-00-01.001	LANL	2/23/2011
65453	LA-OS-00-01.001	LANL	4/1/2011
65454	LA-OS-00-01.001	LANL	4/4/2011
65455	LA-OS-00-01.001	LANL	4/4/2011
65456	LA-OS-00-01.001	LANL	4/5/2011
65457	LA-OS-00-01.001	LANL	4/6/2011
65458	LA-OS-00-01.001	LANL	4/6/2011
65459	LA-OS-00-01.001	LANL	4/6/2011
65460	LA-OS-00-01.001	LANL	5/3/2011
65445	LA-OS-00-01.001	LANL	5/28/2011
65446	LA-OS-00-01.001	LANL	5/28/2011
65447	LA-OS-00-01.001	LANL	5/28/2011
65448	LA-OS-00-01.001	LANL	5/29/2011
65449	LA-OS-00-01.001	LANL	5/31/2011
65450	LA-OS-00-01.001	LANL	5/31/2011
65451	LA-OS-00-01.001	LANL	5/31/2011
65452	LA-OS-00-01.001	LANL	5/31/2011
65415	LA-OS-00-01.001	LANL	8/9/2011
65466	LA-OS-00-01.001	LANL	8/23/2011
65467	LA-OS-00-01.001	LANL	8/24/2011

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65468	LA-OS-00-01.001	LANL	8/24/2011
65443	LA-OS-00-01.001	LANL	8/29/2011
65473	LA-OS-00-01.001	LANL	8/30/2011
58641	LA-OS-00-01.001	LANL	9/25/2011
58640	LA-OS-00-01.001	LANL	9/26/2011
65469	LA-OS-00-01.001	LANL	9/27/2011
65417	LA-OS-00-01.001	LANL	10/11/2011
64551	LA-OS-00-01.001	LANL	1/18/2012
65478	LA-OS-00-01.001	LANL	2/7/2012
61506	LA-OS-00-01.001	LANL	4/14/2012
65412	LA-OS-00-01.001	LANL	6/7/2012
61455	LA-OS-00-01.001	LANL	7/11/2012
61463	LA-OS-00-01.001	LANL	7/11/2012
65444	LA-OS-00-01.001	LANL	7/11/2012
61469	LA-OS-00-01.001	LANL	7/16/2012
61470	LA-OS-00-01.001	LANL	7/17/2012
65475	LA-OS-00-01.001	LANL	7/17/2012
61464	LA-OS-00-01.001	LANL	7/23/2012
66725	LA-OS-00-01.001	LANL	7/26/2012
65461	LA-OS-00-01.001	LANL	7/31/2012
65462	LA-OS-00-01.001	LANL	7/31/2012
61466	LA-OS-00-01.001	LANL	8/12/2012
61467	LA-OS-00-01.001	LANL	8/22/2012
61474	LA-OS-00-01.001	LANL	8/28/2012
61475	LA-OS-00-01.001	LANL	8/29/2012
61473	LA-OS-00-01.001	LANL	8/30/2012
64598	LA-OS-00-01.001	LANL	8/30/2012
65470	LA-OS-00-01.001	LANL	9/12/2012
61476	LA-OS-00-01.001	LANL	11/5/2012
61477	LA-OS-00-01.001	LANL	11/6/2012
61478	LA-OS-00-01.001	LANL	11/7/2012
61447	LA-OS-00-01.001	LANL	11/27/2012
61486	LA-OS-00-01.001	LANL	11/27/2012
64513	LA-OS-00-01.001	LANL	11/27/2012
64514	LA-OS-00-01.001	LANL	11/27/2012
66729	LA-OS-00-01.001	LANL	11/27/2012
64541	LA-OS-00-01.001	LANL	11/28/2012
61479	LA-OS-00-01.001	LANL	1/28/2013
66707	LA-OS-00-01.001	LANL	1/29/2013
66708	LA-OS-00-01.001	LANL	1/29/2013
66709	LA-OS-00-01.001	LANL	1/29/2013
66710	LA-OS-00-01.001	LANL	1/29/2013
66711	LA-OS-00-01.001	LANL	1/29/2013
66712	LA-OS-00-01.001	LANL	1/30/2013
66713	LA-OS-00-01.001	LANL	1/30/2013
66714	LA-OS-00-01.001	LANL	1/30/2013
66715	LA-OS-00-01.001	LANL	1/31/2013

Container Identification Number	Waste Stream No	Generation Point	Gen Date
66716	LA-OS-00-01.001	LANL	1/31/2013
66730	LA-OS-00-01.001	LANL	2/5/2013
66731	LA-OS-00-01.001	LANL	2/5/2013
66726	LA-OS-00-01.001	LANL	2/6/2013
66732	LA-OS-00-01.001	LANL	2/6/2013
66733	LA-OS-00-01.001	LANL	2/6/2013
66734	LA-OS-00-01.001	LANL	2/6/2013
66704	LA-OS-00-01.001	LANL	2/7/2013
66705	LA-OS-00-01.001	LANL	2/7/2013
66720	LA-OS-00-01.001	LANL	2/7/2013
66721	LA-OS-00-01.001	LANL	2/7/2013
61468	LA-OS-00-01.001	LANL	2/26/2013
65479	LA-OS-00-01.001	LANL	2/26/2013
65471	LA-OS-00-01.001	LANL	2/28/2013
66722	LA-OS-00-01.001	LANL	3/5/2013
61471	LA-OS-00-01.001	LANL	3/6/2013
67501	LA-OS-00-01.001	LANL	3/12/2013
67502	LA-OS-00-01.001	LANL	3/12/2013
65481	LA-OS-00-01.001	LANL	3/20/2013
65482	LA-OS-00-01.001	LANL	3/20/2013
65483	LA-OS-00-01.001	LANL	3/20/2013
65484	LA-OS-00-01.001	LANL	3/21/2013
65485	LA-OS-00-01.001	LANL	3/21/2013
67503	LA-OS-00-01.001	LANL	4/9/2013
67504	LA-OS-00-01.001	LANL	4/10/2013
64082	LA-OS-00-01.001	LANL	4/30/2013
65487	LA-OS-00-01.001	LANL	4/30/2013
65488	LA-OS-00-01.001	LANL	4/30/2013
64584	LA-OS-00-01.001	LANL	5/1/2013
65486	LA-OS-00-01.001	LANL	5/1/2013
64558	LA-OS-00-01.001	LANL	6/3/2013
65489	LA-OS-00-01.001	LANL	6/3/2013
65490	LA-OS-00-01.001	LANL	6/6/2013
66724	LA-OS-00-01.001	LANL	6/6/2013
62759	LA-OS-00-01.001	LANL	6/18/2013
67500	LA-OS-00-01.001	LANL	6/18/2013
67505	LA-OS-00-01.001	LANL	6/19/2013
66718	LA-OS-00-01.001	LANL	6/20/2013
66719	LA-OS-00-01.001	LANL	6/20/2013
65492	LA-OS-00-01.001	LANL	8/1/2013
65493	LA-OS-00-01.001	LANL	8/1/2013
61472	LA-OS-00-01.001	LANL	8/8/2013
67512	LA-OS-00-01.001	LANL	9/18/2013
67513	LA-OS-00-01.001	LANL	9/19/2013
67514	LA-OS-00-01.001	LANL	9/19/2013
62756	LA-OS-00-01.001	LANL	9/26/2013
61485	LA-OS-00-01.001	LANL	11/27/2012

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66706	LA-OS-00-01.001	LANL	11/27/2012
64543	LA-OS-00-01.001	LANL	11/28/2012
64555	LA-OS-00-01.001	LANL	11/28/2012
66727	LA-OS-00-01.001	LANL	11/28/2012
66728	LA-OS-00-01.001	LANL	11/29/2012
65491	LA-OS-00-01.001	LANL	9/26/2013
67511	LA-OS-00-01.001	LANL	5/15/2013
67515	LA-OS-00-01.001	LANL	12/4/2013
67517	LA-OS-00-01.001	LANL	12/5/2013
67518	LA-OS-00-01.001	LANL	12/5/2013
67519	LA-OS-00-01.001	LANL	12/5/2013
61574	LA-OS-00-01.001	LANL	12/17/2013
67523	LA-OS-00-01.001	LANL	1/28/2014
67524	LA-OS-00-01.001	LANL	1/29/2014
67538	LA-OS-00-01.001	LANL	3/11/2014
67539	LA-OS-00-01.001	LANL	3/11/2014
67540	LA-OS-00-01.001	LANL	3/12/2014
67528	LA-OS-00-01.001	LANL	3/5/2014
67529	LA-OS-00-01.001	LANL	3/4/2014
67530	LA-OS-00-01.001	LANL	3/5/2014
65463	LA-OS-00-01.001	LANL	2/25/2014
67506	LA-OS-00-01.001	LANL	2/11/2014
67507	LA-OS-00-01.001	LANL	2/12/2014
67508	LA-OS-00-01.001	LANL	2/12/2014
67509	LA-OS-00-01.001	LANL	2/13/2014
67510	LA-OS-00-01.001	LANL	2/13/2014
62758	LA-OS-00-01.001	LANL	3/4/2014
67525	LA-OS-00-01.001	LANL	6/17/2014
67546	LA-OS-00-01.001	LANL	6/16/2014
67526	LA-OS-00-01.001	LANL	6/17/2014
67541	LA-OS-00-01.001	LANL	5/15/2014
67543	LA-OS-00-01.001	LANL	5/15/2014
61581	LA-OS-00-01.001	LANL	7/19/2005
62316	LA-OS-00-03	LANL	12/13/2005
62317	LA-OS-00-03	LANL	12/13/2005
62318	LA-OS-00-03	LANL	12/13/2005
62319	LA-OS-00-03	LANL	12/13/2005
62320	LA-OS-00-03	LANL	12/13/2005
62321	LA-OS-00-03	LANL	12/13/2005
62322	LA-OS-00-03	LANL	12/13/2005
62323	LA-OS-00-03	LANL	12/13/2005
62324	LA-OS-00-03	LANL	12/13/2005
62325	LA-OS-00-03	LANL	12/13/2005
62326	LA-OS-00-03	LANL	12/13/2005
62327	LA-OS-00-03	LANL	12/13/2005
62328	LA-OS-00-03	LANL	12/14/2005
62329	LA-OS-00-03	LANL	12/14/2005

Container Identification Number	Waste Stream No	Generation Point	Gen Date
62330	LA-OS-00-03	LANL	12/14/2005
62331	LA-OS-00-03	LANL	12/14/2005
62332	LA-OS-00-03	LANL	12/14/2005
62333	LA-OS-00-03	LANL	12/15/2005
62334	LA-OS-00-03	LANL	12/15/2005
62335	LA-OS-00-03	LANL	12/15/2005
62336	LA-OS-00-03	LANL	12/14/2005
62337	LA-OS-00-03	LANL	12/14/2005
62338	LA-OS-00-03	LANL	12/14/2005
62339	LA-OS-00-03	LANL	12/14/2005
62340	LA-OS-00-03	LANL	12/14/2005
62341	LA-OS-00-03	LANL	12/14/2005
62342	LA-OS-00-03	LANL	12/14/2005
62343	LA-OS-00-03	LANL	12/14/2005
62344	LA-OS-00-03	LANL	12/14/2005
62345	LA-OS-00-03	LANL	12/14/2005
62346	LA-OS-00-03	LANL	12/14/2005
62347	LA-OS-00-03	LANL	12/14/2005
62348	LA-OS-00-03	LANL	12/14/2005
62349	LA-OS-00-03	LANL	12/14/2005
62350	LA-OS-00-03	LANL	12/14/2005
62351	LA-OS-00-03	LANL	12/14/2005
62352	LA-OS-00-03	LANL	12/14/2005
62353	LA-OS-00-03	LANL	12/15/2005
62354	LA-OS-00-03	LANL	12/15/2005
62355	LA-OS-00-03	LANL	12/15/2005
62356	LA-OS-00-03	LANL	12/15/2005
62357	LA-OS-00-03	LANL	12/15/2005
62358	LA-OS-00-03	LANL	12/15/2005
62359	LA-OS-00-03	LANL	12/15/2005
62360	LA-OS-00-03	LANL	12/15/2005
62361	LA-OS-00-03	LANL	12/15/2005
62362	LA-OS-00-03	LANL	12/15/2005
62363	LA-OS-00-03	LANL	12/15/2005
62364	LA-OS-00-03	LANL	12/15/2005
62365	LA-OS-00-03	LANL	12/15/2005
62366	LA-OS-00-03	LANL	12/15/2005
62367	LA-OS-00-03	LANL	12/15/2005
62368	LA-OS-00-03	LANL	12/15/2005
62369	LA-OS-00-03	LANL	12/15/2005
62370	LA-OS-00-03	LANL	12/15/2005
62371	LA-OS-00-03	LANL	12/15/2005
62372	LA-OS-00-03	LANL	12/15/2005
62373	LA-OS-00-03	LANL	12/15/2005
62389	LA-OS-00-03	LANL	3/7/2006
62390	LA-OS-00-03	LANL	3/7/2006
62391	LA-OS-00-03	LANL	3/7/2006

Container Identification Number	Waste Stream No	Generation Point	Gen Date
62392	LA-OS-00-03	LANL	3/7/2006
62397	LA-OS-00-03	LANL	3/7/2006
62398	LA-OS-00-03	LANL	3/7/2006
62399	LA-OS-00-03	LANL	3/7/2006
62700	LA-OS-00-03	LANL	3/7/2006
62701	LA-OS-00-03	LANL	3/7/2006
62702	LA-OS-00-03	LANL	3/7/2006
62703	LA-OS-00-03	LANL	3/7/2006
65416	LA-OS-00-04	LANL	10/12/2011
67516	LA-OS-00-04	LANL	12/5/2013
62704	LA-OS-00-03	LANL	3/7/2006
67542	LA-OS-00-01.001	LANL	5/15/2014
67548	LA-OS-00-01.001	LANL	6/26/2014
67554	LA-OS-00-01.001	LANL	5/28/2014
67545	LA-OS-00-01.001	LANL	6/25/2014
67555	LA-OS-00-01.001	LANL	6/3/2014
67570	LA-OS-00-01.001	LANL	9/23/2014
67576	LA-OS-00-01.001	LANL	9/23/2014
62757	LA-OS-00-01.001	LANL	7/30/2014
65480	LA-OS-00-01.001	LANL	7/31/2014
67558	LA-OS-00-01.001	LANL	7/7/2014
67568	LA-OS-00-01.001	LANL	8/5/2014
67569	LA-OS-00-01.001	LANL	8/5/2014

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: C037
Waste Stream Number(s): LA-MHD04.001, LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☑ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Evaluation of Volume and Period of Generation for Waste Streams LA-MHD04.001 and LA-MSG04.001, and Calculation of Individual and Total Radionuclide Masses and Activities for Waste Stream LA-MHD04.001	
Source Document Reference Information (author(s), document and revision number, date, publisher): James M. Schoen, NA, Rev. NA, 04/04/2012, P2010-3188	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, WS2, WS3, WS9, WS11	Throughout	Data used for the calculations of volumes, dates of generation and radionuclide masses and activities were extracted from the CONCERT database and from data queries of newly generated waste provide by TA-55 Waste and Environmental Services Division, Facility and Field Services Group. Waste stream LA-MHD04.001 consists of combustible and non-combustible debris waste contained in 552 30-gallon drums (62.6 m3), 1,802 55-gallon drums (378.4 m3), 14 85-gallon drums (4.5 m3), 1 110-gallon drum (0.4 m3), 16 Standard Waste Boxes (SWBs) (28.8 m\ 171 Crates (1,458 m3), and 39 other containers (approximately 159.8 m3, the volume may change after repackaging), totaling approximately 2,093 m3 of which 2,431 containers are stored below-grade. The package dates for containers in this waste stream range from October 1971 to September 2000. Based on an evaluation of the available container paperwork, this waste stream is comprised of greater than 50 percent by volume heterogeneous inorganic and organic debris. Therefore, Waste Matrix Code S5400 for heterogeneous debris waste is assigned to this waste stream. Waste stream LA-MSG04.001 consists of contaminated soil waste contained in 48 55-gallon drums (10.1 m3), 19 SWBs (35.7 m3), and 15 Crates (38.4 m3, the volume may change after repackaging), totaling approximately 84.2 m3 of which 45 containers are stored below-grade. The package dates for containers in this waste stream range from February 1978 to May 1997. Based on an evaluation of the available container paperwork, this waste stream is comprised of at least 50 percent, but no greater than 95 percent, by volume soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Therefore, Waste Matrix Code S4200 for soil/gravel is assigned to this waste stream. Radiological data was available for over 99% of the container population in waste stream. LA-MHD04.001 (radiological data was not available for repackaged containers, consequently the data for the original container were used for repackaged containers). To determine the "Total Radionuclide Weight%" values on the table below, the gram value for each individual radionuclide was summed over the entire waste stream and then divided by the total radiological mass in the waste stream. In the same way, a calculation was performed for "Total Radionuclide Curie%" using the sum of activity values for each radionuclide over the entire waste stream (see attached Excel spreadsheet "LAMHD04_001 10-17-11 TotalGramsAndCuries.xlsx"). The "Radionuclide Ci% Range for Individual Containers" was determined by summing the total activity in each drum and calculating the Ci percent of each radionuclide in each drum. To determine the range for a specific radionuclide, the maximum and minimum were identified by reviewing the drum-by-drum results. The same type calculations were performed to determine the "Radionuclide Wt% Range for Individual Containers". From this

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory		Source Document Tracking Number: C037
AK # [b]	Source Doc. Page # [c]	AK Information Summary
		evaluation, the two predominant radionuclides by weight percent are Pu-239 and Pu-238, while over 95 percent of the activity of the entire waste stream is from Pu-238 and Pu-241. The following table summarizes the results obtained from these queries for radionuclide, number of containers with the reported radionuclide, total radionuclide weight percent, total radionuclide curie percent, radionuclide weight percent for individual drums and radionuclide curie percent for individual drums. An addendum was added which lists the LA-MSG04.001 container count identified in CCP-AK-LANL-010, Rev. 6.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 9-3-2015

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

Addendum to AK10 C037 per Revision 6 of CCP-AK-LANL-010:

LA-MSG04.001 CONTAINER LIST

Container Identification Number	Storage Location
56537	Above Ground
66122	Above Ground
66123	Above Ground
66124	Above Ground
66125	Above Ground
66126	Above Ground
66127	Above Ground
66128	Above Ground
66129	Above Ground
66130	Above Ground
66131	Above Ground
66132	Above Ground
66134	Above Ground
66135	Above Ground
66136	Above Ground
66140	Above Ground
66141	Above Ground
66142	Above Ground
66144	Above Ground
66147	Above Ground
89891	Above Ground
89892	Above Ground
89982	Above Ground
89983	Above Ground
89984	Above Ground
89985	Above Ground
89986	Above Ground
89987	Above Ground
89988	Above Ground
S780203	Below Ground
S780204	Below Ground
S780205	Below Ground
S780206	Below Ground
S780207	Below Ground
S780208	Below Ground
S780209	Below Ground
S780210	Below Ground
S780211	Below Ground
S780212	Below Ground
S780213	Below Ground
S780214	Below Ground
S780215	Below Ground
S780216	Below Ground
S780217	Below Ground

Addendum to AK10 C037 per Revision 6 of CCP-AK-LANL-010:

LA-MSG04.001 CONTAINER LIST

Container Identification Number	Storage Location
S780218	Below Ground
S780219	Below Ground
S780221	Below Ground
S780222	Below Ground
S780223	Below Ground
S780234	Below Ground
S780235	Below Ground
S780236	Below Ground
S780237	Below Ground
S780238	Below Ground
S780239	Below Ground
S780240	Below Ground
S780241	Below Ground
S780242	Below Ground
S780243	Below Ground
S780244	Below Ground
S780245	Below Ground
S780246	Below Ground
S780249	Below Ground
S780250	Below Ground
S780251	Below Ground
S780252	Below Ground
S780258	Below Ground
S792211	Below Ground
S792213	Below Ground
S792214	Below Ground
S792215	Below Ground
S792216	Below Ground
S794043	Below Ground
S794044	Above Ground
S794046	Above Ground
S794056	Above Ground
S794119	Above Ground
S805331	Above Ground
S813225	Above Ground
S813262	Above Ground
S813315	Above Ground
S813323	Above Ground

Note: Container 66144 was added with source document C038; and container ID 89794 was removed with source document DR007, resulting in no net container count change

DIVIDER

PAGE

Attachment 8 – Waste Containers List

Site(s): Los Alamos National Laboratory
Waste Stream Number(s): LA-MHD01.001
Waste Stream Description: TA-55 Heterogeneous Debris
Number of Waste Containers in Waste Stream: 174 30-Gal, 15,420 55-Gal (includes 55-Gal POC), 600 85-Gal, 3 110-Gal, 308 SWB, 86 Other
Total Existing Volume (m^3): 4,520.45 m^3
Is waste expected to be generated in the future?: Yes
If yes, Estimated Future Volume (m^3): 168 m^3/yr
Assumptions:
Waste Stream Container Evaluation Memo(s) for Added Containers: C225, C233

Acceptable Knowledge Expert: Print/Sign/Date:

James M. Schoen 6/17/2014

Container Identification	Container Type	Waste Generation Date	Generation Point
24130	55G	5/28/1992	TA-55
24378	55G	1/2/1992	TA-55
24384	55G	10/28/1991	TA-55
24430	55G	12/4/1991	TA-55
24439	55G	7/30/1991	TA-55
24463	55G	6/5/1992	TA-55
24687	55G	6/10/1992	TA-55
24751	55G	12/4/1991	TA-55
24964	55G	6/10/1992	TA-55
24975	55G	3/27/1992	TA-55
25409	55G	10/3/1991	TA-55
25456	55G	12/17/1991	TA-55
25622	55G	6/10/1992	TA-55
25789	55G	3/10/1992	TA-55
25825	55G	10/17/1991	TA-55
25880	55G	4/11/1991	TA-55
25882	55G	6/10/1992	TA-55
25907	55G	12/4/1991	TA-55
25926	55G	10/17/1991	TA-55
50166	85GOP	5/21/1987	TA-55
51041	85GOP	5/24/1988	TA-55
51489	85GOP	7/12/1988	TA-55
52015	55G	1/25/1989	TA-55
52030	85G	9/1/1988	TA-55
52031	SWB	1/14/1997	TA-55
52033	55G	9/21/1989	TA-55
52034	55G	10/16/1989	TA-55
52037	55G	2/26/1991	TA-55

NTPC RECORDS ORIGINAL
DATE REC'D 6-19-14

52041	55G	9/28/1989	TA-55
52042	55G	9/29/1989	TA-55
52044	55G	10/17/1989	TA-55
52045	55G	10/4/1989	TA-55
52047	55G	10/11/1989	TA-55
52050	55G	10/11/1989	TA-55
52059	55G	11/9/1989	TA-55
52062	55G	11/6/1989	TA-55
52066	55G	10/30/1989	TA-55
52068	55G	10/18/1989	TA-55
52069	55G	12/6/1989	TA-55
52070	55G	10/18/1989	TA-55
52072	55G	12/21/1989	TA-55
52074	55G	11/8/1989	TA-55
52075	55G	10/30/1989	TA-55
52078	55G	1/11/1990	TA-55
52079	55G	11/15/1989	TA-55
52080	55G	10/27/1989	TA-55
52082	55G	10/30/1989	TA-55
52087	55G	11/1/1989	TA-55
52090	55G	11/6/1989	TA-55
52091	55G	2/16/1990	TA-55
52093	55G	1/3/1990	TA-55
52099	55G	1/3/1990	TA-55
52101	55G	1/6/1989	TA-55
52103	55G	1/9/1989	TA-55
52106	55G	2/10/1989	TA-55
52109	55G	1/6/1989	TA-55
52111	55G	2/28/1989	TA-55
52112	55G	1/13/1989	TA-55
52113	55G	1/11/1989	TA-55
52114	55G	1/13/1989	TA-55
52116	55G	1/19/1989	TA-55
52123	55G	2/2/1989	TA-55
52124	55G	1/10/1989	TA-55
52125	55G	1/18/1989	TA-55
52127	55G	1/18/1989	TA-55
52136	55G	1/18/1989	TA-55
52140	55G	1/17/1989	TA-55
52155	55G	2/8/1989	TA-55
52159	55G	3/10/1989	TA-55
52162	55G	2/21/1989	TA-55
52189	55G	2/2/1989	TA-55
52194	55G	8/4/1989	TA-55
52196	55G	2/3/1989	TA-55
52197	55G	2/3/1989	TA-55
52199	55G	2/6/1989	TA-55

52321	55G	11/29/1989	TA-55
52323	55G	12/4/1989	TA-55
52327	55G	12/21/1989	TA-55
52329	55G	12/21/1989	TA-55
52330	55G	12/14/1989	TA-55
52331	55G	1/30/1990	TA-55
52333	55G	1/25/1990	TA-55
52334	55G	3/8/1990	TA-55
52335	55G	1/24/1990	TA-55
52336	55G	12/21/1989	TA-55
52338	55G	1/16/1990	TA-55
52340	55G	1/18/1990	TA-55
52342	55G	1/5/1990	TA-55
52343	55G	1/5/1990	TA-55
52352	TDOP	3/14/1989	TA-55
52353	55G	2/21/1989	TA-55
52355	55G	3/20/1990	TA-55
52357	55G	2/21/1989	TA-55
52363	55G	2/27/1989	TA-55
52365	55G	2/22/1989	TA-55
52369	55G	3/8/1989	TA-55
52370	55G	2/22/1989	TA-55
52371	55G	6/19/1989	TA-55
52374	55G	3/10/1989	TA-55
52381	55G	2/24/1989	TA-55
52382	55G	3/7/1989	TA-55
52384	55G	6/6/1989	TA-55
52387	55G	2/24/1989	TA-55
52393	55G	4/13/1989	TA-55
52394	55G	3/10/1989	TA-55
52398	55G	7/19/1989	TA-55
52304	TDOP	7/19/1989	TA-55
52310	SWB	3/27/1990	TA-55
52409	55G	8/10/1989	TA-55
52410	55G	3/1/1989	TA-55
52411	55G	3/22/1989	TA-55
52413	55G	3/15/1989	TA-55
52417	55G	3/16/1989	TA-55
52418	55G	3/14/1989	TA-55
52424	55G	3/22/1989	TA-55
52427	Steel Box	6/23/1992	TA-55
52428	55G	4/5/1989	TA-55
52431	55G	3/21/1989	TA-55
52432	55G	3/22/1989	TA-55
52435	55G	3/17/1989	TA-55
52436	55G	4/17/1989	TA-55
52437	55G	3/22/1989	TA-55

52440	55G	3/22/1989	TA-55
52448	55G	9/14/1998	TA-55
52451	55G	4/10/1989	TA-55
52454	55G	4/5/1989	TA-55
52455	55G	10/17/1996	TA-55
52460	55G	4/7/1989	TA-55
52465	55G	4/14/1989	TA-55
52471	55G	4/14/1989	TA-55
52472	85G	4/14/1989	TA-55
52473	55G	4/19/1989	TA-55
52477	55G	5/3/1989	TA-55
52480	55G	4/21/1989	TA-55
52497	55G	5/5/1989	TA-55
52525	55G	5/21/1989	TA-55
52526	55G	5/4/1989	TA-55
52528	55G	5/18/1989	TA-55
52531	55G	4/28/1989	TA-55
52535	55G	5/12/1989	TA-55
52536	55G	5/15/1989	TA-55
52537	55G	5/12/1989	TA-55
52539	55G	5/2/1989	TA-55
52544	55G	5/1/1989	TA-55
52554	55G	5/30/1989	TA-55
52556	55G	5/31/1989	TA-55
52558	55G	5/26/1989	TA-55
52559	55G	6/5/1989	TA-55
52562	55G	1/20/2004	TA-55
52565	55G	5/26/1989	TA-55
52569	55G	6/23/1989	TA-55
52572	55G	6/1/1989	TA-55
52574	55G	6/7/1989	TA-55
52575	55G	6/6/1989	TA-55
52576	55G	6/20/1989	TA-55
52583	55G	6/22/1989	TA-55
52584	55G	7/28/1989	TA-55
52585	55G	6/13/1989	TA-55
52586	55G	7/13/1989	TA-55
52591	55G	7/24/1989	TA-55
52872	55G	9/11/1989	TA-55
52874	55G	9/12/1989	TA-55
52878	55G	9/13/1989	TA-55
52880	55G	9/14/1989	TA-55
52640	SWB	3/1/1996	TA-55
52641	55G	11/17/1995	TA-55
52642	55G	2/3/1997	TA-55
52643	SWB	12/8/1995	TA-55
52645	55G	8/23/1996	TA-55

52646	55G	12/7/1995	TA-55
52647	55G	12/12/1995	TA-55
52648	55G	1/3/1996	TA-55
52650	55G	1/17/1996	TA-55
52651	55G	12/8/1995	TA-55
52652	SWB	12/1/1995	TA-55
52655	55G	12/15/1995	TA-55
52656	55G	12/8/1995	TA-55
52657	55G	12/8/1995	TA-55
52658	55G	12/8/1995	TA-55
52660	55G	1/29/1996	TA-55
52661	55G	1/17/1996	TA-55
52664	55G	3/12/1996	TA-55
52667	55G	9/21/2001	TA-55
52668	55G	12/8/1995	TA-55
52670	55G	1/17/1996	TA-55
52671	55G	9/21/2001	TA-55
52672	SWB	2/28/1996	TA-55
52673	SWB	1/19/1996	TA-55
52674	SWB	2/11/1999	TA-55
52675	55G	3/25/1996	TA-55
52677	55G	2/23/1996	TA-55
52679	55G	2/9/1996	TA-55
52680	55G	4/2/1996	TA-55
52681	55G	2/9/1996	TA-55
52682	55G	10/22/2001	TA-55
52684	55G	11/21/2000	TA-55
52687	OTHER	9/11/1994	TA-55
52688	OTHER	11/14/1993	TA-55
52689	OTHER	3/15/1992	TA-55
52690	OTHER	7/19/1992	TA-55
52691	OTHER	4/19/1992	TA-55
52692	OTHER	4/1/1993	TA-55
52693	OTHER	11/28/1993	TA-55
52694	OTHER	5/23/1993	TA-55
52695	OTHER	5/2/1993	TA-55
52696	OTHER	6/9/1994	TA-55
52697	OTHER	9/26/1993	TA-55
52698	OTHER	8/15/1993	TA-55
52699	SWB	12/8/1995	TA-55
52800	55G	6/23/1989	TA-55
52802	55G	6/27/1989	TA-55
52804	55G	6/28/1989	TA-55
52805	55G	7/14/1989	TA-55
52808	55G	7/7/1989	TA-55
52809	55G	8/9/1989	TA-55
52810	55G	7/21/1989	TA-55

52812	55G	2/23/1990	TA-55
52813	55G	7/20/1989	TA-55
52815	55G	7/18/1989	TA-55
52816	55G	7/17/1989	TA-55
52817	55G	7/20/1989	TA-55
52821	55G	8/7/1989	TA-55
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53987	55G	6/18/1990	TA-55
53991	55G	6/20/1990	TA-55
53993	55G	6/22/1990	TA-55
53995	55G	6/29/1990	TA-55
53996	55G	6/22/1990	TA-55
53998	55G	6/28/1990	TA-55
54119	55G	7/6/1990	TA-55
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54126	55G	7/19/1990	TA-55
54127	55G	6/29/1990	TA-55
54128	55G	7/5/1990	TA-55
54129	55G	7/9/1990	TA-55
54130	55G	7/10/1990	TA-55
54131	55G	7/18/1990	TA-55
54133	55G	9/7/1990	TA-55
54136	55G	7/13/1990	TA-55
54137	55G	9/11/1990	TA-55
54140	55G	8/2/1990	TA-55
54142	55G	7/23/1990	TA-55
54145	55G	7/31/1990	TA-55
54148	55G	9/5/1990	TA-55
54149	55G	7/27/1990	TA-55
54152	55G	8/1/1990	TA-55
54153	55G	8/16/1990	TA-55
54154	55G	8/10/1990	TA-55
54155	55G	8/3/1990	TA-55
54159	55G	8/7/1990	TA-55
54162	55G	8/13/1990	TA-55
54165	55G	8/17/1990	TA-55
54166	55G	8/16/1990	TA-55
54167	55G	8/10/1990	TA-55

54169	55G	10/9/1990	TA-55
54170	55G	2/26/1991	TA-55
54171	55G	8/15/1990	TA-55
54173	55G	8/17/1990	TA-55
54174	55G	8/20/1990	TA-55
54175	55G	8/27/1990	TA-55
54177	55G	8/21/1990	TA-55
54179	55G	8/27/1990	TA-55
54180	55G	8/27/1990	TA-55
54183	55G	8/28/1990	TA-55
54186	55G	8/30/1990	TA-55
54188	55G	8/29/1990	TA-55
54191	55G	8/30/1990	TA-55
54194	55G	10/2/1990	TA-55
54196	55G	10/30/1991	TA-55
54210	TDOP	8/23/1988	TA-55
54286	55G	8/25/1994	TA-55
54300	55G	11/20/1990	TA-55
54301	55G	11/26/1990	TA-55
54303	55G	11/16/1990	TA-55
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54309	55G	12/3/1990	TA-55
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54311	55G	11/21/1990	TA-55
54312	55G	11/29/1990	TA-55
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54319	55G	11/5/1991	TA-55
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54321	55G	12/5/1990	TA-55
54322	55G	1/3/1991	TA-55
54327	55G	12/10/1990	TA-55
54328	55G	12/7/1990	TA-55
54329	55G	1/29/1991	TA-55
54333	55G	12/20/1990	TA-55
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54338	55G	9/19/1997	TA-55
54341	55G	1/8/1991	TA-55
54343	55G	1/15/1991	TA-55
54344	55G	1/16/1991	TA-55
54349	55G	1/15/1991	TA-55
54350	55G	1/17/1991	TA-55
54355	55G	1/25/1991	TA-55
54356	55G	1/18/1991	TA-55
54361	55G	2/20/1991	TA-55
54363	55G	1/24/1991	TA-55
54365	55G	4/24/1991	TA-55

54366	55G	2/12/1991	TA-55
54367	55G	2/12/1991	TA-55
54368	55G	6/20/1991	TA-55
54371	55G	3/25/1993	TA-55
54373	55G	2/27/1991	TA-55
54374	55G	2/1/1991	TA-55
54377	55G	1/31/1991	TA-55
54379	55G	3/26/1991	TA-55
54387	55G	2/11/1991	TA-55
54390	55G	2/14/1991	TA-55
54392	55G	2/19/1991	TA-55
54395	55G	2/13/1991	TA-55
54397	55G	2/13/1991	TA-55
54398	55G	2/19/1991	TA-55
54399	55G	3/5/1991	TA-55
54403	55G	2/21/1991	TA-55
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54407	55G	10/24/2002	TA-55
54408	55G	2/25/1991	TA-55
54409	55G	3/1/1991	TA-55
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54412	55G	3/26/1991	TA-55
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54426	55G	4/16/1991	TA-55
54427	55G	3/3/1988	TA-55
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54433	55G	4/15/1991	TA-55
54438	55G	5/3/1991	TA-55
54442	55G	3/29/1991	TA-55
54443	55G	4/2/1991	TA-55
54445	55G	4/22/1993	TA-55
54448	55G	5/8/1991	TA-55
54450	55G	5/3/1991	TA-55
54453	55G	5/15/1991	TA-55
54455	55G	4/25/1991	TA-55
54457	55G	6/4/1991	TA-55
54460	55G	3/5/1996	TA-55
54463	55G	4/15/1991	TA-55
54468	55G	4/4/1991	TA-55
54469	55G	5/21/1991	TA-55

54470	55G	5/21/1991	TA-55
54475	55G	6/14/1991	TA-55
54476	55G	6/20/1991	TA-55
54479	55G	6/19/1991	TA-55
54480	55G	5/15/1991	TA-55
54483	55G	5/21/1991	TA-55
54487	55G	6/3/1991	TA-55
54489	55G	5/30/1991	TA-55
54493	55G	6/7/1991	TA-55
54495	55G	5/31/1991	TA-55
54504	55G	6/11/1991	TA-55
54505	55G	6/17/1991	TA-55
54506	55G	6/12/1991	TA-55
54507	55G	6/12/1991	TA-55
54508	55G	8/21/1991	TA-55
54509	55G	8/28/1991	TA-55
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54521	55G	6/21/1991	TA-55
54522	55G	6/14/1991	TA-55
54523	55G	3/3/1993	TA-55
54528	55G	7/26/1991	TA-55
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54532	55G	7/17/1991	TA-55
54533	55G	7/25/1991	TA-55
54534	55G	2/25/1993	TA-55
54539	55G	7/17/1991	TA-55
54540	55G	7/17/1991	TA-55
54542	55G	10/2/1992	TA-55
54545	55G	12/4/1991	TA-55
54546	55G	11/21/1991	TA-55
54547	55G	2/26/1993	TA-55
54548	55G	11/22/1991	TA-55
54550	55G	7/16/1991	TA-55
54558	55G	9/18/1991	TA-55
54559	SWB	11/14/1991	TA-55
54561	55G	9/3/1991	TA-55
54562	55G	9/3/1991	TA-55
54564	55G	9/3/1991	TA-55
54566	55G	8/22/1991	TA-55
54568	SWB	9/12/1991	TA-55
54569	55G	9/9/1991	TA-55
54573	55G	8/31/1991	TA-55
54575	55G	9/23/1991	TA-55
54576	55G	1/17/1992	TA-55

54577	55G	9/9/1991	TA-55
54580	55G	9/9/1991	TA-55
54581	SWB	9/23/1991	TA-55
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54584	55G	9/25/1991	TA-55
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54587	55G	9/24/1991	TA-55
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54589	55G	9/23/1991	TA-55
54590	55G	9/23/1991	TA-55
54596	55G	10/1/1991	TA-55
54598	55G	10/1/1991	TA-55
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54654	55G	4/29/1992	TA-55
54656	55G	5/12/1992	TA-55
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54663	55G	5/20/1992	TA-55
54664	55G	5/6/1992	TA-55
54665	55G	5/12/1992	TA-55
54666	55G	6/5/1992	TA-55
54667	55G	5/13/1992	TA-55
54671	55G	6/4/1992	TA-55
54672	55G	4/3/1992	TA-55
54673	85G	1/11/1994	TA-55
54675	55G	4/15/1992	TA-55
54678	55G	5/6/1992	TA-55
54679	55G	6/9/1992	TA-55
54682	55G	5/19/1992	TA-55
54684	55G	5/28/1992	TA-55
54685	55G	1/11/1994	TA-55
54686	55G	8/18/1992	TA-55
54688	55G	5/27/1992	TA-55
54690	55G	6/4/1992	TA-55
54691	55G	11/18/1992	TA-55
54695	55G	6/2/1999	TA-55
54698	55G	8/11/1994	TA-55
54700	55G	10/1/1991	TA-55
54701	55G	10/8/1991	TA-55
54705	55G	11/18/1991	TA-55
54707	55G	10/29/1991	TA-55
54709	55G	10/31/1991	TA-55
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54715	55G	12/3/1991	TA-55
54717	55G	12/2/1991	TA-55
54720	55G	1/7/1992	TA-55

54721	55G	12/17/1991	TA-55
54724	55G	1/31/1992	TA-55
54727	55G	1/16/1992	TA-55
54728	55G	1/6/1994	TA-55
54731	55G	2/14/1992	TA-55
54732	55G	3/3/1992	TA-55
54734	55G	3/17/1992	TA-55
54739	55G	1/29/1992	TA-55
54741	55G	1/29/1992	TA-55
54744	55G	2/3/1992	TA-55
54745	55G	2/11/1992	TA-55
54747	55G	1/31/1992	TA-55
54755	55G	4/9/1992	TA-55
54758	55G	2/7/1995	TA-55
54759	55G	2/19/1992	TA-55
54761	55G	3/3/1992	TA-55
54764	55G	3/9/1992	TA-55
54765	55G	2/28/1992	TA-55
54768	55G	2/28/1992	TA-55
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54771	55G	4/23/1993	TA-55
54775	55G	3/31/1992	TA-55
54776	55G	3/24/1992	TA-55
54782	55G	5/22/1992	TA-55
54784	55G	4/13/1994	TA-55
54786	55G	4/1/1992	TA-55
54787	55G	4/24/1992	TA-55
54788	55G	4/8/1992	TA-55
54790	55G	2/3/1992	TA-55
54791	55G	2/3/1992	TA-55
54792	55G	2/3/1992	TA-55
54796	55G	1/11/1994	TA-55
54799	55G	4/24/1992	TA-55
54802	55G	10/24/2002	TA-55
54805	55G	11/20/1992	TA-55
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54821	55G	6/2/1988	TA-55
54823	55G	7/27/1992	TA-55
54827	55G	9/28/1992	TA-55
54829	55G	9/28/1992	TA-55
54833	55G	10/20/1992	TA-55
54834	55G	10/30/1992	TA-55
54835	55G	10/27/1992	TA-55
54836	55G	10/30/1992	TA-55
54839	55G	10/27/1992	TA-55
54840	55G	10/24/2002	TA-55

54841	55G	10/30/1992	TA-55
54847	55G	11/24/1992	TA-55
54848	55G	11/20/1992	TA-55
54849	55G	11/10/1992	TA-55
54851	55G	12/3/1992	TA-55
54852	55G	9/15/1994	TA-55
54857	55G	10/16/1992	TA-55
54858	55G	10/1/1992	TA-55
54859	55G	4/22/1993	TA-55
54868	55G	10/29/1992	TA-55
54869	55G	11/30/1992	TA-55
54871	55G	1/5/1993	TA-55
54873	55G	10/21/1993	TA-55
54874	55G	5/21/1997	TA-55
54875	55G	12/3/1992	TA-55
54877	55G	11/3/1992	TA-55
54880	55G	11/12/1992	TA-55
54886	55G	11/30/1992	TA-55
54887	55G	11/30/1992	TA-55
54899	55G	5/20/1993	TA-55
54904	55G	9/6/1990	TA-55
54907	55G	9/7/1990	TA-55
54908	55G	1/8/1991	TA-55
54911	55G	9/12/1990	TA-55
54919	55G	10/2/1990	TA-55
54920	55G	9/24/1990	TA-55
54925	55G	9/21/1990	TA-55
54926	55G	9/24/1990	TA-55
54927	55G	9/21/1990	TA-55
54928	55G	9/20/1990	TA-55
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54941	55G	10/4/1990	TA-55
54946	55G	10/4/1990	TA-55
54947	55G	10/4/1990	TA-55
54948	55G	10/12/1990	TA-55
54950	55G	10/29/1990	TA-55
54951	55G	10/10/1990	TA-55
54952	55G	10/19/1990	TA-55
54960	55G	10/25/1990	TA-55
54962	55G	10/17/1990	TA-55
54969	55G	11/16/1990	TA-55
54972	55G	11/7/1990	TA-55
54973	55G	10/24/1990	TA-55

54974	55G	10/26/1990	TA-55
54976	55G	11/7/1990	TA-55
54977	55G	10/31/1990	TA-55
54981	55G	1/26/1993	TA-55
54982	55G	5/14/1997	TA-55
54985	55G	1/25/1991	TA-55
54986	55G	11/8/1990	TA-55
54988	55G	11/5/1990	TA-55
54990	55G	11/8/1990	TA-55
54991	55G	12/5/1990	TA-55
54996	55G	3/29/1991	TA-55
54998	55G	2/21/1990	TA-55
54999	55G	11/16/1990	TA-55
55119	FRP	6/1/1989	TA-55
55120	CRATE	4/15/1990	TA-55
55121	FRP	10/3/1988	TA-55
55123	FRP	8/27/1990	TA-55
55124	FRP	12/2/1987	TA-55
55129	OTHER	11/30/1992	TA-55
55130	OTHER	4/30/1992	TA-55
55131	OTHER	5/8/1992	TA-55
55132	OTHER	10/20/1992	TA-55
55133	OTHER	10/30/1992	TA-55
55134	OTHER	11/13/1992	TA-55
55135	OTHER	9/27/1992	TA-55
55136	OTHER	7/29/1992	TA-55
55137	OTHER	8/20/1992	TA-55
55138	OTHER	9/10/1992	TA-55
55139	OTHER	2/28/1992	TA-55
55140	OTHER	9/16/1992	TA-55
55142	55G	8/6/1993	TA-55
55143	55G	10/5/1993	TA-55
55144	55G	8/25/1993	TA-55
55145	55G	8/24/1993	TA-55
55146	55G	8/25/1993	TA-55
55151	55G	8/18/1993	TA-55
55155	55G	10/7/1993	TA-55
55157	55G	8/24/1993	TA-55
55158	55G	8/25/1993	TA-55
55161	55G	8/11/1994	TA-55
55162	55G	10/13/1993	TA-55
55166	55G	1/12/1995	TA-55
55167	55G	2/15/1994	TA-55
55171	55G	12/7/1993	TA-55
55172	55G	1/6/1994	TA-55
55173	55G	8/11/1994	TA-55
55175	55G	12/2/1993	TA-55

55176	55G	12/2/1993	TA-55
55178	55G	12/2/1993	TA-55
55179	55G	12/2/1993	TA-55
55181	55G	5/17/1995	TA-55
55185	55G	1/10/1994	TA-55
55186	55G	12/13/1993	TA-55
55189	55G	1/13/1994	TA-55
55191	FRP	6/25/1993	TA-55
55193	FRP	6/25/1993	TA-55
55194	FRP	6/23/1993	TA-55
55196	FRP	6/25/1993	TA-55
55199	FRP	6/23/1993	TA-55
55202	55G	11/8/1990	TA-55
55203	55G	9/29/1992	TA-55
55204	55G	12/3/1992	TA-55
55208	55G	2/21/1995	TA-55
55209	55G	4/13/1993	TA-55
55210	55G	3/29/1993	TA-55
55213	55G	4/23/1993	TA-55
55214	55G	5/5/1993	TA-55
55221	55G	6/2/1993	TA-55
55227	55G	10/13/1993	TA-55
55228	55G	8/26/1993	TA-55
55229	55G	5/19/1993	TA-55
55238	55G	6/4/1993	TA-55
55240	55G	6/1/1993	TA-55
55241	55G	6/2/1993	TA-55
55242	55G	2/8/1994	TA-55
55243	55G	5/24/1995	TA-55
55245	55G	2/16/1995	TA-55
55246	55G	6/1/1993	TA-55
55248	55G	2/8/1995	TA-55
55251	55G	4/5/1993	TA-55
55254	55G	6/9/1993	TA-55
55256	55G	3/11/1992	TA-55
55257	55G	5/6/1993	TA-55
55258	55G	1/11/1994	TA-55
55260	55G	12/14/1995	TA-55
55262	55G	1/10/1995	TA-55
55264	55G	7/27/1993	TA-55
55265	55G	7/20/1993	TA-55
55266	SWB	7/28/1993	TA-55
55269	55G	7/28/1993	TA-55
55270	55G	8/11/1994	TA-55
55271	55G	1/6/1994	TA-55
55273	55G	8/12/1993	TA-55
55274	55G	8/24/1993	TA-55

55276	55G	10/19/1993	TA-55
55277	55G	1/13/1994	TA-55
55282	55G	1/11/1994	TA-55
55283	55G	2/25/1994	TA-55
55289	55G	4/22/1993	TA-55
55293	55G	1/15/1993	TA-55
55295	55G	2/24/1993	TA-55
55300	FRP	1/15/1991	TA-55
55301	FRP	4/8/1987	TA-55
55304	FRP	7/20/1993	TA-55
55305	FRP	7/20/1993	TA-55
55306	FRP	7/20/1993	TA-55
55401	55G	8/24/1993	TA-55
55402	55G	8/24/1993	TA-55
55405	55G	8/24/1993	TA-55
55407	55G	8/24/1993	TA-55
55408	55G	8/24/1993	TA-55
55412	55G	10/5/1993	TA-55
55413	55G	10/5/1993	TA-55
55415	55G	10/7/1993	TA-55
55417	55G	10/7/1993	TA-55
55418	55G	10/7/1993	TA-55
55421	55G	2/15/1994	TA-55
55422	55G	1/11/1994	TA-55
55424	55G	8/11/1994	TA-55
55425	55G	1/13/1994	TA-55
55434	55G	2/15/1994	TA-55
55435	55G	8/19/1994	TA-55
55440	55G	1/6/1994	TA-55
55441	55G	1/6/1994	TA-55
55450	55G	2/10/1994	TA-55
55454	55G	3/4/1994	TA-55
55458	55G	3/4/1994	TA-55
55459	55G	1/12/1995	TA-55
55462	55G	10/25/1994	TA-55
55471	55G	7/21/1994	TA-55
55474	55G	3/17/1994	TA-55
55475	55G	3/22/1994	TA-55
55486	55G	6/8/1994	TA-55
55490	55G	10/25/1994	TA-55
55492	55G	6/8/1994	TA-55
55494	55G	9/9/1994	TA-55
55497	55G	1/6/1994	TA-55
55498	55G	1/11/1994	TA-55
55499	55G	1/6/1994	TA-55
55500	55G	2/24/1994	TA-55
55506	55G	3/17/1994	TA-55

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 2, if necessary)

NCR No. NCR-LANL-0316-12 **Revision:** 1

1. Lot No., Heat No., or Serial No. (If applicable):	2. Process (e.g., NDA, HSG, NDE, VE, Other):	3. Batch Data Report #(s):
N/A	NDE	LA-RTR2-12-0024
4. Order/Work Order/Job Control Number (If applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 84366
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):
CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 11, Section 4.4.2 [B] states in part "IF a container is identified in the S5000 summary category group that CAN NOT be penetrated by the RTR method because of the presence of lead, or other shielding, THEN initiate a NCR

7c. Actual Condition:
Impenetrable item
Reason for Revision 1: change final disposition

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☒ YES ☐ NO (If no is checked, explain:)

8. NCR Originator:
Terri-Anne Groover (printed name) — A Groover (signature) — 12\3\12 (date)

9. Does the identified condition have the potential to impact AK? ☐ YES ☒ NO ☐ INDETERMINATE
If YES or INDETERMINATE, enter Trend Code L in Block 10.

10. Trend Code: K

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter CAR No.:)

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and CARs:)

14. CCP QA Engineer or CCP QA Designee validation:
Antonio Chavarria (printed name) — (signature) — 12/4/12 (date)

COPY

CCP RECORDS ORIGINAL
DATE RECD 12/6/12

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0316-12 **Revision: 1**

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:			16b. CCP QA Engineer or CCP QA Designee:		
printed name	signature	date	printed name	signature	date
Additional Approvals:			**Additional Approvals:**		
printed name	signature	date	printed name	signature	date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name signature date

18. Interim Disposition Verified – CCP QA Engineer:

printed name signature date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0316-12 **Revision: 1**

FINAL DISPOSITION

19. Final Disposition (Check Only One):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. (Enter "N/A" for Reject, Rework, and Scrap:)

N/A

☒ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap. (Enter "N/A" for Use-As-Is:)

Return to LANL to remediate or run through HERTR

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable. Enter "N/A," if not applicable, and for Use-As-Is, Reject, and Scrap):

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:			21. CCP QA Engineer or CCP QA Designee:		
Terri-Anne Groover	Terri-Anne Groover	12/5/12	Antonio Chavarria		12/5/12
printed name	signature	date	printed name	signature	date
Additional Approvals:			Additional Approvals:		
printed name	signature	date	printed name	signature	date

CLOSURE

22. Final Disposition Complete – Responsible Manager or Individual:

Terri-Anne Groover Terri-Anne Groover 12/5/12
printed name signature date

23. Attachments: #1

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR. ☒ AC 12/5/12

24b. Check if not applicable (N/A) and explain. ☐

25. Final Disposition Verified – NCR Closed

Antonio D. Chavarria — printed name

CCP QA Engineer: — signature

12/5/12 — date

Attachment 2 – CCP Nonconformance Report (NCR) Continuation Sheet

12/3/12

NCR No. NCR-LANL-0316-12	Revision 1	Attachment #1	Page 1 of 1

Continuation from Section Number:

Container 84366 has been characterized in LA-HERTR-12-0116.

DIVIDER

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Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-0323-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-HERTR-12-0012
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 58329
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☑ Prohibited Item ☐ >500 ppmv Flamm. VOCs
☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
Procedure CCP-TP-053, Rev. 11, Table 1. Prohibited Items. States, in part "...Compressed gases/Pressurized containers (e.g., aerosol cans).

7. (c) Actual Condition
Pressurized aerosol can at 24".

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Eric Lyles 2/14/12	Kenneth Simpson 2-15-12

9a. Does the identified condition have the potential to impact AK? ☐ YES ☑ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR) ☐ YES ☑ NO	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: K	13. Responsible Manager: Terri-Anne Groover

COPY

CCP RECORDS ORIGINAL
DATE REC'D 8/1/12

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0323-12	Revision 0
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See Final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition:	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign, and date)	16. CCP QA Engineer or Designee (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0323-12	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, N/A for Reject, Scrap, or Rework dispositions.) N/A	
(b) Disposition Instructions (Required for Reject and Scrap. N/A for Use-As-Is, Rework, and Repair) Return drum(s) to LANL.	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for Repair and Rework, N/A for Use-As-Is, Reject and Scrap) N/A	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required, N/A if left blank. N/A	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date) Terri-Anne Groover 02/15/12	21. CCP QA Engineer or Designee: (Print, sign, and date) Kenneth Simpson 2-15-12
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date) Terri-Anne Groover 7/30/12	
23. Attachments: #1	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☒ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐ A.C. 7/31/2012	
25. Final Disposition Verified – NCR Closed Antonio D. Chavarria	CCP QA Engineer: (Print, sign, and date) 7/31/2012

Attachment 2 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-LANL-0323-12	Revision 0	Attachment # 1	Page 1	of 1
Continuation from Section Number: 58329 was re-characterized in LA-HERTR-12-0070 Turnover discovery 7/30/12				

DIVIDER

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Attachment 1 – CCP Nonconformance Report (NCR)

COPY

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0553-14 **Revision** 0

1. Lot No., Heat No., or Serial No. (if applicable):	2. Process (e.g., NDA, NDE, VE, Other):	3. Batch Data Report #(s):
N/A	NDE	LA-HERTR-14-0036
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 66140
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☑ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-120, CCP Container Management Rev. ~~14~~ 16 per 3-18-14, section 4.1.2 [B] requires verification that each container meets the structural integrity criteria specified on Attachment 4, Structural Integrity and Distortion Criteria. Attachment 4 lists, in part, "Payload containers with obvious leaks, holes, or openings, cracks, deep crevices, creases, tears, broken welds, sharp edges or pits, are either breached or on the verge of being breached.."

7c. Actual Condition:

Container has liquid in the channel indicating that a leak has occurred, and therefore the container integrity is insufficient.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☑ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Michael Simmons	[signature]	03/18/2014
printed name	signature	date

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: K	11. Responsible Manager: Terri-Anne Groover
12. Significant Condition? ☐ YES ☒ NO (If Yes, enter CAR No.):	13. Recurring Condition? ☐ YES ☒ NO (If YES, list NCRs and CARs):

14. QA Engineer or QA Designee validation:

Antonio D. Chavarria	[signature]	3/19/14
printed name	signature	date

NTPC RECORDS ORIGINAL
DATE REC'D 6/26/14

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0553-14 **Revision** 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. *Instructions for Completion of the Interim Disposition:*

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0553-14 **Revision** 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair
19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]

☒ Reject ☐ Rework ☐ Scrap
19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]
Return to LANL

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:
Terri-Anne Groover (printed name) _____ (signature) 3.19.14 (date)
21. QA Engineer or QA Designee:
Antonio D. Chavarria (printed name) _____ (signature) 3/19/14 (date)
Additional Approval:
_____ (printed name) _____ (signature) _____ (date)
Additional Approval:
_____ (printed name) _____ (signature) _____ (date)

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:
Terri-Anne Groover (printed name) _____ (signature) 6.17.14 (date)
23. Attachments:
#1
24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☒ A.C. 6/25/14
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:
Antonio D. Chavarria (printed name) _____ (signature) 6/25/14 (date)

Attachment 3 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-LANL-0553-14	Revision 0	Attachment # 1	Page 1	of 1
Continuation from Section Number: N/A Container was remediated on 04/27/14 then recharacterized in LA-HERTR-14-0054.				

DIVIDER

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Attachment 1 – CCP Nonconformance Report (NCR)

COPY

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0207-14 **Revision** 0

1. Lot No., Heat No., or Serial No. (if applicable):	2. Process (e.g., NDA, NDE, VE, Other):	3. Batch Data Report #(s):
N/A	NDE	LA-RTR2-14-0013
4. Order/Work Order/Job Control Number (if applicable):	5. PO # (if applicable):	Container #(s):
N/A	N/A	69283
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☑ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 14, Section 4.4.2 [H]states in part "Using Table 1, Prohibited Items, as a reference... confirm there are NO prohibited items in the waste container."
Table 1, Prohibited Items lists, in part "Liquid waste- Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited.

7c. Actual Condition:

13L container with 1L of liquid greater than 60mL and greater than 3% by volume

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☑ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Thad Hasselstrom (printed name) Thad Hasselstrom (signature) 1-31-14 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☑ NO ☐ INDETERMINATE

10. Trend Code: K

11. Responsible Manager: TERRI-ANNE GRUCNER

12. Significant Condition? ☐ YES ☑ NO (If Yes, enter CAR No.):

13. Recurring Condition? ☐ YES ☑ NO (If YES, list NCRs and CARs):

14. QA Engineer or QA Designee validation:

AARON ELLIOTT (printed name) (signature) 2/4/2014 (date)

NTPC RECORDS ORIGINAL
DATE REC'D 3/20/14

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0207-14 **Revision** 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):
☑ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use
☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0207-14 **Revision** 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☑ N/A for Reject, Rework, or Scrap]

☑ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

RETURN CONTAINER TO LANL

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☑ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Grauer		2.4.14

21. QA Engineer or QA Designee:

printed name	signature	date
Aaron Elliott		2/4/2014

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Grauer		3.19.14

23. Attachments: #1

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☒
24b. If HOLD TAG is not applicable, check: ☐ and explain: A.C. 3/19/14

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date
Antonio D. Chavarria		3/19/14

Attachment 3 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR- LANL-0207-14 Revision 0 Attachment # 1 Page 1 of 1
Continuation from Section Number: N/A Container 69283 has been repackaged into 69379.

DIVIDER

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Attachment 1 – CCP Nonconformance Report (NCR)

COPY

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0423-13 **Revision** 0

1. Lot No., Heat No., or Serial No. (if applicable):	2. Process (e.g., NDA, NDE, VE, Other):	3. Batch Data Report #(s):
N/A	NDE	LA-HERTR-13-0115
4. Order/Work Order/Job Control Number (if applicable):	5. PO # (if applicable):	Container #(s):
N/A	N/A	68007
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☑ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 14, Section 4.4.2 [H]states in part "Using Table 1, Prohibited Items, as a reference...confirm there are NO prohibited items in the waste container."
Table 1, Prohibited Items lists, in part, "Sealed containers greater than 4 liters"

7c. Actual Condition:

Sealed container greater than 4 Liters (paint can) at 32 inches.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☑ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Thad Hasselstrom (printed name) — signature — 11-15-13 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☑ NO ☐ INDETERMINATE

10. Trend Code: K

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☐ YES ☑ NO (If Yes, enter CAR No.):

13. Recurring Condition? ☐ YES ☑ NO (If YES, list NCRs and CARs):

14. QA Engineer or QA Designee validation:

Kenneth Simpson (printed name) — signature — 11-19-13 (date)

NTPC RECORDS ORIGINAL
DATE REC'D 3/27/14

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0423-13 **Revision** 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):
☑ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use
☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0423-13 **Revision** 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☑ N/A for Reject, Rework, or Scrap]

☑ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

Return container(s) to LANL.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☑ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

Terri-Anne Groover	T. A. Groover	11-20-13
printed name	signature	date

21. QA Engineer or QA Designee:

Kenneth Simpson	Kenneth D. Simpson	11-19-13
printed name	signature	date

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

Terri-Anne Groover	T. A. Groover	3-24-14
printed name	signature	date

23. Attachments:

#1

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☒

24b. If HOLD TAG is not applicable, check: ☐ and explain:

3/26/14

25. Final Disposition Verified – NCR Closed QA Engineer:

Antonio D. Chavarria		3/26/14
printed name	signature	date

Attachment 3 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-LANL-0423-13 Revision 0 Attachment # 1 Page 1 of 1
Continuation from Section Number: N/A Container 68007 has been repackaged into 69441, 69442, 69444 and 69479.

DIVIDER

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Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0554-14 **Revision** 0

1. Lot No., Heat No., or Serial No. (if applicable):	2. Process (e.g., NDA, NDE, VE, Other):	3. Batch Data Report #(s):
N/A	NDE	LA-HERTR-14-0056
4. Order/Work Order/Job Control Number (if applicable):	5. PO # (if applicable):	Container #(s):
N/A	N/A	69563
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☑ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 14, Section 4.4.2 [H] states, in part, "Using Table 1, Prohibited Items, as a reference...confirm there are NO prohibited items in the waste container."
Table 1, Prohibited Items lists, in part, "Liquid waste- Observable liquid shall be no more than 1 percent by volume of the outermost container, internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited."

7c. Actual Condition:

Approximately 3L of prohibited liquid in a vented metal pipe.

COPY

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☑ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Thad Hasselstrom (printed name) (signature) 08/20/2014 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☑ NO ☐ INDETERMINATE

10. Trend Code: K

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☐ YES ☑ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☑ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Aaron Elliott (printed name) (signature) 8-21-14 (date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☑ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name signature date

16b. QA Engineer or QA Designee:

printed name signature date

Additional Approval:

printed name signature date

Additional Approval:

printed name signature date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name signature date

18. Interim Disposition Verified – QA Engineer:

printed name signature date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☑ N/A for Reject, Rework, or Scrap]

N/A

☑ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

Return container(s) to LANL.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

Terri-Anne Groove | signature | 08.21.14
printed name | signature | date

21. QA Engineer or QA Designee:

Antonio D. Chavarria | signature | 8/21/14
printed name | signature | date

Additional Approval:

printed name | signature | date

Additional Approval:

printed name | signature | date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name | signature | date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name | signature | date

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR005
Waste Stream Number(s): LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001	
Source Document Reference Information (author(s), document and revision number, date, publisher): Michael J. Papp, NA, Rev. NA, 06/17/2014, P2010-2722	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, PR7, WS2, WS3, WS8, WS9, WS12, S4	Throughout	The CCP Acceptable Knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AKLANL-010, was created to characterize heterogeneous debris, cemented waste, and contaminated soil waste stream LA-MSG04.001. The materials and chemicals used in past operations at the DP West Facility are the same as certain materials and chemicals used at the TA-55 Plutonium Facility. The number of AK source documents relating to the DP West Facility and the level of detail in these documents is also less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the TA-21 AK Summary Report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in TA-55 including associated chemical and material inputs. This soil waste could be contaminated with any of the materials and chemicals from the processes described in the TA-21 AK Summary Report. Therefore, this waste stream contains the same or similar hazardous constituents identified for waste stream LA-MHD04.001 and will carry all the same Environmental Protection Agency (EPA) Hazardous Waste Numbers (HWNs). The TA-55 AK Summary Report assigns EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, and F005. The TA-21 report assigns the aforementioned EPA HWNs to soil waste stream LA-MSG04.001 except for D018, D019, D021, D035, D038, D039, and D040, which is inconsistent with the TA-55 report and historical LANL characterization (Reference CCP-AK-LANL-005, D059, and D060). Resolution: Although the assignment of both listed and associated toxicity characteristic HWNs in TA-55 AK Summary Report and historical LANL characterization is not required and is inconsistent with the characterization of TA-21 waste, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 AK Summary Report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore the HWNs associated with TA-55 waste will not be updated.

NTPC RECORDS ORIGINAL
DATE REC'D 7-1-14

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory.	Source Document Tracking Number: DR005

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 6-19-14
Print /Sign

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution P2010-2722

Waste Stream Number(s): LA-MSG04.001

Waste Stream Description: Mixed Contaminated Soil from TA-21 DP West

AK Documentation Type: [X] TRU Waste Management Program Information [X] Waste Stream Specific Information [X] Supplemental Information							
AK Source Document Discrepancy Form Tracking Number: DR005 – Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001							
Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
D059	Unpub.	Acceptable Knowledge Operations Report for Plutonium Processing at the TA-21 DP West Facility (Draft Report)	TWCP 23596; AK-00-23, Rev. 0	C. Smith	07/08/2004	N/A	All
D060	Pub.	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	AK-00-019	C. Smith	09/22/2003	N/A	All
DR001	Disc.	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Steam LA-MHD04.001	N/A	CCP	04/04/2007	N/A	All
N/A	Pub.	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-21 DP West Facility	CCP-AK-LANL-010, Rev. 4	CCP	Draft	N/A	Sections 5.4.3, 6.4.1 & 6.4.3
N/A	Pub.	CCP Acceptable Knowledge Summary Report Los Alamos National Laboratory TA-55 Mixed Transuranic Waste	CCP-AK-LANL-006, Rev. 9	CCP	01/27/2009	N/A	Section 5.4.3
N/A	Pub.	CCP Acceptable Knowledge Documentation	CCP-TP-005/ Rev. 18	CCP	11/16/2006	N/A	Section 4.4.14
N/A	Pub.	McCoy's RCRA Unraveled	N/A	McCoy and Associates, Inc.	2004 Edition	N/A	Pg. 463

Nature of Discrepancy:

The CCP Acceptable Knowledge (AK) Summary Report for Los Alamos National Laboratory (LANL) TA-21 DP West Facility, CCP-AK-LANL-010, was created to characterize heterogeneous debris and new contaminated soil waste stream LA-MSG04.001. The materials and chemicals used in past operations at the DP West Facility are the same as certain materials and chemicals used at the TA-55 Plutonium Facility. The number of AK source documents relating to the DP West Facility and the level of detail in these documents is also less than that available in the compilation of AK for the TA-55 Plutonium Facility. Therefore, the TA-21 AK Summary Report relies heavily on the AK documentation that has been compiled for plutonium operations conducted in TA-55 including associated chemical and material inputs. This soil waste could be contaminated with any of the materials and chemicals from the processes described in the TA-21 AK Summary Report (Reference Section 6.4.1). Therefore, this waste stream contains the same or similar hazardous constituents identified for waste stream LA-MHD04.001 and will carry all the same Environmental Protection Agency (EPA) Hazardous Waste Numbers (HWNs).

The TA-55 AK Summary Report assigns EPA HWNs D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D035, D038, D039, D040, F001, F002, and F005. The TA-21 report assigns the aforementioned EPA HWNs to soil waste stream LA-MSG04.001 except for D018, D019, D021, D035, D038, D039, and D040, which is inconsistent with the TA-55 report and historical LANL characterization (Reference CCP-AK-LANL-006, D059, and D060).

Resolution:

In accordance to CCP Acceptable Knowledge Documentation, CCP-TP-005, a review of available AK was completed to determine the Resource Conservation and Recovery Act (RCRA) characterization and the assignment of EPA HWNs if applicable. To assign EPA HWNs, AK source documents including procedures, personnel interviews, reports, container packaging, shipping documentation, material safety data sheets (MSDS), and manufacturer information for commercial products are reviewed to determine potential waste material inputs and possible chemical contaminants associated with the waste. EPA HWNs are often conservatively assigned for compounds used due to the lack of analytical evidence or inconsistent process knowledge that these constituents are not present in the waste or exceed the regulatory thresholds.

Section 4.4.14 of CCP-TP-005 provides specific instruction on the review of AK to determine if toxicity characteristic EPA HWNs are to be assigned. The appropriate toxicity characteristic HWN is assigned if characteristic contamination is identified and has **NOT** been assigned a more specific listed HWN or data is available that demonstrates the concentration in the waste is less than the regulatory threshold. In addition, McCoy's RCRA Unraveled indicates that if the treatment standard for the listed waste specifically addresses the characteristic exhibited by the waste, only the listed HWN applies. Since the waste characterized in the TA-21 AK Summary Report includes the assignment of HWNs F001, F002, and F005, the following toxicity characteristics are specifically addressed by these listed HWNs and they are not assigned: D018 (benzene), D019 (carbon tetrachloride), D021 (chlorobenzene), D035 (methyl ethyl ketone), D038 (pyridine), D039 (tetrachloroethylene), and D040 (trichloroethylene).

Although the assignment of both listed and associated toxicity characteristic HWNs in TA-55 AK Summary Report is inconsistent with the characterization of TA-21 waste and is not required, this method of characterization is considered acceptable by RCRA. The waste identified in TA-55 report is also the same type of waste characterized by LANL under a previously approved profile and it was determined that removing the toxicity characteristic HWNs was unnecessary. Therefore, the HWNs associated with TA-55 waste will not be updated.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Michael J. Papp (Print) _____ (Sign) Date: 11/02/2009

Site Project Manager: S M Peterman (Print) _____ (Sign) Date: 11/03/09

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523

Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
	4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8669
Telephone Number:	575-234-7523	Date Sent:	11/19/09

Document Number	Title/Description	Record Date	Total Pages
DR005	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	11/12/2009	2
NA	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001	11/3/2009	3

Comments
None

Acceptance/Rejection Signature and Date

Records Accepted ☑	Sonia Gonzalez (Signature)	SONIA GONZALEZ (Printed Name)	12/07/09 (Date)
Records Rejected ☐	(Signature)	(Printed Name)	(Date)

Reason for Rejection:

Re-submittal:

(Signature)	(Printed Name)	(Date)

```
**********************
***   TX REPORT    ***
**********************

TRANSMISSION OK

TX/RX NO                0746
DESTINATION TEL #       92347138
DESTINATION ID          CHEZIE TODD
ST. TIME                01/13 09:50
TIME USE                00'17
PAGES SENT                1
RESULT                  OK
```


Attachment 2 - CCP Records Transmittal/Receiving Form

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523
Fax Number: 505-234-7014

☒ Original Record
☐ Fax Record
☐ E-mail Record

Attn:	Sheila Pearcy	From:	Amy Johns
Ship to:	CCP Central Records/ CCP Records Custodian 4021 National Parks Highway - MS GSA 203, Carlsbad, NM 88220	Site:	Los Alamos National Laboratory, CCP-AK-LANL-010
		Company:	Technical Specialists, LLC
		Telephone Number:	505-302-8689
Telephone Number:	575-234-7523	Date Sent:	11/19/09

Document Number	Description	Record Date	Total Pages
DR005	Attachment 3 - Acceptable Knowledge Source Document Summary for CCP-AK-LANL-010	11/12/2009	2
NA	Discrepancy Resolution Form for Historical and Current RCRA Characterization and Assignment of EPA Hazardous Waste Numbers for Waste Stream LA-MSG04.001	11/3/2009	3

Comments:
None

Acceptance/Rejection Signature and Date

Records Accepted	☑	Sonia Gonzalez	SONIA GONZALEZ	12/07/09
		Signature	Printed Name	Date
Records Rejected	☐			
		Signature	Printed Name	Date

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Site(s): Los Alamos National Laboratory	**Source Document Tracking Number:** DR011
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	**Category:** ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title of Source Document: Discrepancy Resolution of manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services.

Source Document Reference Information (author(s), document and revision number, date, publisher): Monsanto Research Corp (MRC), M189-M190
190, N/A, 10-29-76 to 11-14-80, MRC

AK # [a]	Source Doc. Page # [b]	AK Information Summary
WS3, WS11	Throughout	Describes a discrepency between manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services (See Docs M189 & M190), The Sources are shown to have a maximum activity of 19.99 Ci but manufacture dates vary with different model designators between 1976 to 1981. Latest Source Date will be used to conservatively account for the highest Am-241 value for characterization.

Source Document Data Limitations (if any):

1. Applies to a specific range of Monsanto Sources
2. Applies to specific model NSR-L and NSR-F
3. Best avalible Copies

Acceptable Knowlege Expert:

Christopher Chancellor, _____ Date: 04/13/2011

Print **/Sign**

[a] Obtain from Acceptable Knowledge Documentation Checklist
[b] For microfilm or microfiche, identify box, tape, reel number and location.

ORIGINAL

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Example Form

Waste Stream Number(s): LA-OS-00-01.001

Waste Stream Description: Non-hazardous sealed sources in pipe overpacks

AK Documentation Type: [ ] TRU Waste Management Program Information [X] Waste Stream Specific Information [ ] Supporting Information

AK Source Document Discrepancy Form Tracking Number: DR011

Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
M189	U	TWCP-06750 – Manufacturing Order for Sources A2675-A2699; A3001-A3115	NA	Monsanto Research Corp (MRC)	4/3/81	Not published	BSG 7.19.10
M190	U	TWCP 07045 et al, Manufacturing Orders for Sources A3003-A3014; A3015-A3026; and	NA	MRC	10/29/76 – 11/14/80	Not Publ.	Throughout
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Nature of Discrepancy: There are several manufacturing orders for AmBe neutron sources in the range A3001-A3115 made by Monsanto Research Corp. for Schlumberger Well Services. The sources are shown as having the same maximum activity of 19.99 Ci, but the manufacturing dates vary from 1976-1981 and the model designator is NSR-L (earlier documents) and NSR-F (later document). The manufacturing orders have record numbers TWCP-07045, 07063, 08775, 07334, 07099, 06670 and 06750.

Resolution: To conservatively account for the highest possible Am-241 value, the latest manufacturing date from TWCP-06750 will be used.

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth (Print) / Julia Whitworth (Sign) Date: 7/15/10

Site Project Manager: S. Peterman (Print) / (Sign) Date: 7/19/10

[a]Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

20

BEST AVAILABLE COPY 4/25/11

MAR 30 2011

LANL Environmental Programs (EP) Directorate, Record Transmittal Form

PRINT

To complete this form, see instructions on following pages. Use continuation version of form to list more records. See EP-DIR-SOP-4004 for more information.

Transmittal date: 03/30/2011 Priority Processing? Yes ☐ No ☑ Official Use Only? Yes ☐ No ☑ UCNI? Yes ☐ No ☑ Page 1 of 1

Reference Cited in NMED Deliverables? Yes ☐ No ☑ **Receipt Acknowledgement:** Do you need this form returned to you? Yes ☐ No ☑

Transmitter Information

Z # : 198464 Name: Randy Fitzgerald E-mail: randy_fitz@lanl.gov Transmitters Organization: WDP-TWPS/CCP

Contamination Potential

☑ To the best of my knowledge, the record(s) has no *radioactive* contamination. Signature:

Record Type: Individual Record (no package) ☐ New package ☐ E-mail ☐ Add to existing package (fill in # and title below) ☑ Resubmitted/superseded record (record #) ☐

Package(s) # : Package title(s):

Reference/Retrieval Information

Organization: WDP-TWPS: Central Characterization Project (CCP) –PKG #1776

Record (Package) Contents

Record Title	Media Type	Document Date	Author/Originator	Other Doc. # (e.g. Doc. Catalog #)	Page Count	ERID (RPF only)
Discrepancy Resolution of manufacturing orders for AmBe neutron sources made by Monsanto Research Corp. for Schlumberger Well Services [AK8 - DR011]	Paper (letter)	07/15/2010	J. Whitworth	AK8 - DR011	25	20133

RPF Use Only (names and dates)

Accepted: 3/30/11 | Entered: | Scanned: | QC:

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 3

Contract No. 094-81A0 MO No.: 821.C130 Rev. No.: 0

Quantity 140 Serial Numbers A2675 THRU A2699; A3001 THRU A3115

Customer:
SCHLUMBERGER WELL SERVICES
P.O. BOX 2175
HOUSTON, TX 77001
ATTEN: FRANCIS CONNER
Purchase Order No. 25299
Date Received 4-2-81
Delivery Required SEE BELOW
Spec. Form Cert. Req'd. ☑ Yes ☐ No
License No. ☑ Yes ☐ No
Additional Documents Required SEND CERT

Shipping Address:
SCHLUMBERGER WELL SERVICES
2250 SCHLUMBERGER STREET
HOUSTON, TX 77023
(9) See MCR Notice 8

Ship: ☐ Prepd. ☑ Coll. ☑ Prepd. & Chg. (9)
FOB: ☑ Dayton ☐ Destination
Ship Via ~~AIR FRT~~ (9) MOTOR FRT
(9) Received Cert from NSSI

(1) CONTROL CLASS # 1

Manufacturing Instructions:
MANUFACTURE 140 SWS NSR-F AmBe NEUTRON SOURCES. NEUTRON OUTPUT: 4.0X10⁷ n/s (+0.6, -0.0)
MAXIMUM CURIE CONTENT: 19.99 CURIES OF Am-241
(3) See NEW DELIVERY BELOW (PG 2)
(1) ~~DELIVERY: 10-11/5/82~~
~~13-12/3/82~~

Engineering Notice/Release:
CONSTRUCT 140 AmBe SOURCES PER DWGS H-126024 REV A H-136038 REV D AND H-142DP REV C. SPECS H-126025 REV B H-209986 REV B H-142621 REV C AND H 251923 REV A MUST BE MET.
SUGGESTED LOADING
5.540 GMS OF AmO_2
27.060 GMS OF BERYLLIUM
A MINIMUM PELLET STACK LENGTH 2.439"
MAXIMUM LOADING
6.953 GMS OF AmO_2
31.270 GMS OF BERYLLIUM
MINIMUM PELLET STACK LENGTH 2.710"

Meets: ☒ Special Form ☐ Normal Form
Released for Manufacture
By: Harold R. Nielson Date: 4-3-81

RELEASED FOR MANUFACTURING
For M. O. NO. 821.C130
Contract No. 094-81A0
Date 8-26-84 C. Lyle
Copy No. 2
Return to Document Control for Disposal

Authorized Charges:
Engrg. Labor: —
Mfg. Labor: 980 HRS Shop Labor: 350 HRS Isotope (Ci ~~gms~~): 2170 Ci Am-241
QA/QC Labor: 210 HRS Outside Jobs $22,400 Material: —
Released by: L.W. Jones Date: 4-3-81 Date released to Engineering: _____

NPD-29.2, Rev. 2
8-01-75

FOR INFORMATION PURPOSES ONLY, USE THE FOLLOWING MRC SERIAL NUMBERS: AmBe-4321 thru AmBe-4440

5

F

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 821.6130

Contract No. 094-81A0 Customer: SWS

Additional Manufacturing Instructions:

~~DELIVERY SCHED'S~~
~~40 1/6/83~~
~~40 - 2/14/83~~
~~37 - 3/4/83~~

NOTE:

THERE IS A BREAK IN THE SEQUENCE OF THE SWS SERIAL NUMBERS TO BE USED ON THIS M.O.

(3) DELIVERY:

20	on	9/1/83
20	on	10/2/83
20	on	11/2/84
20	on	2/16/84
20	on	3/5/84
20	on	4/2/84
20	on	5/7/84

(5) DELIVERY:

20	12/1/83
20	2/8/84
20	6/7/84 ←
20	2/6/85
20	6/5/85
20	9/5/85
20	12/5/85

(8) Ship 10/wk inventory whenever it is received, & then ship remainder 10/week when containers are available.

Additional Engineering Notice:

MARK SOURCES AS PER SPEC H-251923 AND MRC DWG A 24125-A400 REV 1

Minimum weld penetration of inner capsule is .050" Minimum weld penetration of the outer capsule is .040"

Heat Numbers

[1] inner capsules 304 SS heat 847243 Carpenter Steel or Jorgensen A13425 (4)

[1] inner ~~tubing~~ capsules 304 SS heat 306467 Copper and Brass Sales or heat 847243 Carpenter steel or Jorgensen A13425 (4) (5)

[2] outer 18% Ni Maraging steel C150-A ~~tubing~~ bars

All other heats of material must be approved by engineering and Q.A. prior to final Q.A. acceptance of finished source hardware.

Schlumberger

SCHLUMBERGER WELL SERVICES

A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 · HOUSTON, TEXAS 77001
ATTENTION: MATERIAL UNIT

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER

SEND INVOICE TO ABOVE ADDRESS

PURCHASE ORDER NO	PAGE
25299	1 of 1
VENDOR NUMBER	DATE
24085	03/20/81
ORIGINATOR/BUYER	
KC /EMC	

TO	SHIP TO	SWS USE ONLY
MONSANTO RESEARCH CORP. 1515 NICHOLAS DAYTON, OH 45407	SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON TX 77023 DEL DOCK ON WEST SIDE OF PLANT	CHARGE CODE CHG. NO. LOCATION CHG. EXPORT CODE DEL. TO HDQ. 77023 DEL. TO NON-HDQ. INVOICE APP'D BY

TERMS	FOB	VIA	COMMODITY CODE
N 30	SP	[illegible]	232

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		07/05/82
02	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		08/06/82
03	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		09/06/82
04	30		H142108	C	NSR-F NEUT SOURCE AMBE PACKAGE QUANTITY: 0	302	10495.000	EA		10/04/82
05	20		H142108	C	NSR-F NEUT SOURCE AMBE SERIAL NUMBERS 2675-2699, 3001-3115.	302	10495.000	EA		[illegible]

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692681-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: E M Corder
E. M. CORDER

1469800.00

SWS—2716

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

BEST AVAILABLE COPY

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Contract No. 275-GAO MO No.: 1034-4 Rev. No.: 4

Quantity 12 Serial Number(s) Be 2709 thru 2720

Customer:
SCHLUMBERGER WELL SERVICES
P.O. Box 2175
HOUSTON, TEXAS 77001

Shipping Address:
2250 SCHLUMBERGER ST
HOUSTON, TEXAS 77023

Purchase Order No. 22761
Date Received 10/6/76
Delivery Required 4-1/15/77 4-2/15/77 4-3/15/77
Spec. Form Cert. Req'd: ☑ Yes ☐ No
License No.: ☑ Yes ☐ No

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.
FOB: ☑ Dayton ☐ Destination
Ship Via: MTR FRT

Additional Documents Required: Lic. Copy - C.E. Rackstraw 10-6-76 cgl

CONTROL CLASS 2

Manufacturing Instructions:

1. FABRICATE AND TEST TO SWS SPECIFICATIONS
2. NEUTRON OUTPUT TOLERANCE OF ± 10% OF SPECIFIED VALUE ON SWS DRWG
3. SOURCES TO BE SAME AS BUILT ON 18F-GAO (MO 1033-6)

Δ Ship date for 3 sources 12-30-77 on or before

RELEASED FOR MANUFACTURING
MO No. 1034-4
Contract No. 275-GAO
Date 10-29-76 By [illegible]

Engineering Notice/Release:

Construct and test the sources per "SWS" Dwgs. H-239681, H-239684, H-239685 and "SWS" specs.: H-209986, H-126025, Rev. B. Maximum loading: for Am 241 is 19.99 ci for Be is 30.50 gm. Minimum weld penetration is 100% for Inner capsule and for Outer capsule 100% nominal and 70% (.064") minimum. Inner capsule lid must be flat (no dishing or trepan groove is allowable). Be pellet minimum length 3.98". Make the sources per Customers Dwgs. and NRC license.

Meets: ☑ Special Form ☐ Normal Form
Released for Manufacture
By: DVR Date: 10-29-76

Authorized Charges:

Engrg. Labor:
Mfg. Labor: 144 Shop Labor: 8 Isotope (Ci gms): 192 ci
QA/QC Labor: 12 Outside Jobs: 2095 Material:

Issued by: gs Date: 10/1/76 Released to: ☑ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 1

Contract No. 275-6 AO MO No.: 1034-4 Rev. No.:

Quantity 12 Serial Number(s) Am Be 2702 thru 2713

Customer:
Schlumberger Well Services
P.O. Box 2175
Houston, Texas 77001

Shipping Address:
2250 Schlumberger St
Houston, Texas 77023

Purchase Order No. 22761

Date Received 10/1/76

Delivery Required 4-1/15/77 4-2/15/77 4-3/15/77

Spec. Form Cert. Req'd. ☑ Yes ☐ No

License No. ☑ Yes ☐ No

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.

FOB: ☑ Dayton ☐ Destination

Ship Via MTR FRT

Additional Documents Required Lic. Cert - C.E. Rhester 10-6-76 dgh

CONTROL CLASS 2

Manufacturing Instructions:

1. Fabricate and test to SWS specifications
2. Neutron output tolerance of ± 10% of specified value on SWS Drwg
3. Sources to be same as built on 1RE-6A0 (MO 1033-6)

RELEASED FOR MANUFACTURING
For M. O. No. 1034-4
Contract No. 275-6 AO
Date 11-1-76 By dgh

Engineering Notice/Release:

Construct and test the sources per "SWS" Dwgs. H-239681, H-239684, H-239685 and "SWS" specs.: H-209986, H-126025, Rev. B. Maximum loading: for Am-241 is 19.99 ci for Be is 30.50 gm. Minimum weld penetration is 110% for Inner capsule and for Outer capsule 100% nominal and 70% (.064") minimum. Inner capsule lid must be flat (no dishing or trepan groove is allowable). Be pellet minimum length 3.48" Mark the sources per Customers Dwgs. and NRC license.

Meets: ☑ Special Form ☐ Normal Form

Released for Manufacture
By: MR Date: 10-29-76

Authorized Charges:

Mfg. Labor: 144 Shop Labor: 8 Engrg. Labor:

QA/QC Labor: 12 Outside Jobs: 2093 Isotope (Ci ~~gms~~): 192 ci

Material:

Issued by: gb Date: 10/1/76 Released to: ☑ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

Schlumberger

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 • HOUSTON, TEXAS 77001

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

C1 Vlasic

PURCHASE ORDER NO. 22761 | PAGE OF

VENDOR NUMBER 24081

DATE September 28, 1976

PURCHASE ORDER

SEND INVOICE TO ABOVE ADDRESS

TO	SHIP TO
Monsanto Research Nuclear 1515 Nicholas Dayton, Ohio 45407 ATTN: DESIGN ENGINEERING	SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON, TEXAS 77023

SWS USE ONLY	
CHARGE TO CODE	W.O.
CHG. ORDER NO.	63-627-951
LOCATION CHG.	99990
EXPORT CODE	
DEL. TO HDQ.	71500
DEL. TO NON-HDQ.	
INVOICE APP'D BY	

TERMS: N-30 (03) | F.O.B.: S.P. | CONFIRMING ☒ YES ☐ NO | VIA | COMMODITY CODE: 014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	4		H-239681	-	NSR-L Neutron Radioactive Source	301	3500.00	ea		1-15-77
02	4		H-239681	-	NSR-L Neutron Radioactive Source	301	3500.00	ea		2-15-77
03	4		H-239681	-	NSR-L Neutron Radioactive Source	301	3500.00	ea		3-15-77

Serial Nos. [redacted]

RELEASED FOR MANUFACTURING
For M. O. 1034-4
Contract 275-620
Date 11-1-76 dgh

Hold at Vendor until S.W.S. request delivery

RECEIVED
OCT 1 '76
MONSANTO NUCLEAR PRODUCTS

CONFIRMING
DO NOT DUPLICATE

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT T-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: [signature]

SV 1-M

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

FOR ENGINEERING DESIGN

TWCP-08775

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 1 (4)

Contract No. 168-760 MO No.: 801.3790 Rev. No.: 0 (1) (2) (3)

Quantity 14 15 (1) Serial Number(s) Am Be - 2210 thru 2223, 2295

Customer: Schlumberger Well Services
P.O. Box 2175
Houston, TX 77001

Shipping Address:
SWS -
2250 Schlumberger
Houston, TX 77023

Purchase Order No. 23031
Date Received 7-15-77
Delivery Required See Schedule
Spec. Form Cert. Req'd. ☑ Yes ☐ No
License No. ☑ Yes ☐ No

Ship: ☐ Prepd. ☒ Coll. ☐ Prepd. & Chg.
FOB: ☒ Dayton ☐ Destination
Ship Via Surface Freight

Additional Documents Required Send Cert To C.E. Rachter 7/25/77 dyh

CONTROL CLASS 2

Manufacturing Instructions:

1) Fabricate AmBe Neutron Sources, Type NSR-L per SWS Dwgs & Specifications listed. Neutron Output to be ±10% of Specified Value on SWS Specs.

2) Mark with Serial Nos: 3027 - 3040 3240 3041

3) Delivery: 9 ea on 6/9/78
5 ea on 7/7/78 paid 8/4/78

(1) Delivery 5 ea on 6/9/78
5 ea on 7/7/78 and 8/4/78

RELEASED FOR MANUFACTURING
For M. O. NO. 801.3790
Contract No. 168-760
Date 6-13-78 By dyh

Engineering Notice/Release: (15)

Construct and test (14) AmBe Neutron sources per "SWS" Dwgs: H-239631, H-239684 (2) H-239685 and "SWS" Specs: H-209986, H-186025, Rev. B.
Source loading: for isotopic Am 241 19.99 Ci. max, for target Be 29.60 gm. minimum and 30.50 gm. maximum.
Weld penetration: 100% for inner capsule and 100% nominal or 70% (.064") minimum for outer capsule. Inner capsule lid must be flat (no dishing or trepaned groove is allowable). Be pellet 3.48" min. Mark the sources per customers Dwgs. and NRC license.

Meets: ☑ Special Form ☐ Normal Form
Released for Manufacture
By: AR Date: 10-4-77

Authorized Charges: (1)
Engrg. Labor: 375 Hrs
Mfg. Labor: 126 135 Hrs Shop Labor: 9 Hrs (1) Isotope (Ci ~~gms~~): 210 225 (1)
QA/QC Labor: 42 45 Hrs (1) Outside Jobs: $2450 2625 Material: -0-
Issued by: RR Taylor Date: 7/25/77 Released to: ☑ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

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MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 801.3790

Contract No. 168-700 Customer: Schlumberger

Additional Manufacturing Instructions:	Additional Engineering Notice:
(2) Added H-239684 Rev A which asks for additional engraving (trefoil + year of manuf)	
(3) Revised delivery dates with change to P.O. Also added the original P.O. to docs list.	
(4) Add Prefix of A- to the Serial No markings	
(5) Delivery Schedule Change 5 on 11-3-78 5 on 12-4-78 5 on 1-3-79	

NPD-21
8-01-75

Schlumberger

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 • HOUSTON, TEXAS 77001

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER NO. 23031
VENDOR NUMBER 24081
DATE July 11, 1977
OF

PURCHASE ORDER

SEND INVOICE TO ABOVE ADDRESS

FOR ENGINEERING DESIGN

TO	SHIP TO	SWS USE ONLY
Monsanto Research Nuclear 1515 Nicholas Dayton, Ohio 45407	JUL 15 1977 SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON, TEXAS 77023	CHARGE TO CODE: W. O. CHG. ORDER NO.: 63-742-951 LOCATION CHG.: 99990 EXPORT CODE: DEL. TO HDQ.: 71500 DEL. TO NON-HDQ.: INVOICE APP'D BY:

TERMS: N-30 (03) | F.O.B.: S.P. | CONFIRMING ☒ YES ☐ NO | VIA | COMMODITY CODE

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	4		H239681	-	NSR-L Radioactive Nutron Source	302	$5,850.00	ea		6/9/78
02	5		H239681	-	NSR-L Radioactive Neutron Source	302	$5,850.00	ea		7/7/78
03	5		H239681	-	NSR-L Radioactive Neutron Source	302	$5,850.00	ea		8/4/78

Note: Serial Numbers 3027 thru 3040

Vendor Note: Deliver on SWS request only.

RELEASED FOR MANUFACTURING
For M. O. NO. 801.3790
Contract No. 168-700
Date 10-11-77 By

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY:

SWS—80-1-M

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

VENDOR

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of

Contract No. 201-8AO MO No.: 811.5110 Rev. No.: 0 (2)

Quantity 28 Serial Number(s) AmBe-3312 thru 3327

Customer:
Schlumberger Well Services
P.O. Box 42175
Houston, Tx 77001
Attn: Mr. Ellis M. Corder

Purchase Order No. 23606

Date Received 8-17-78

Delivery Required See Below

Spec. Form Cert. Req'd. [X] Yes [ ] No

License No. [X] Yes [ ] No

Shipping Address: AmBe - 3308 thru 3317 (1)
Schlumberger Well Services
2250 Schlumbeger Street
Houston, TX 77023

Ship: [ ] Prepd [X] Coll [ ] Prepd. & Chg.

FOB: [X] Dayton [ ] Destination

Ship Via Surface Freight

Additional Documents Required Send CERT to C.E. Rocster 9/21/78

CONTROL CLASS 2

Manufacturing Instructions:

Fabricate AmBe neutron sources
as per SWS drawing H-239681
and SWS-Specs listed on reverse.
Output: $4 \times 10^7 \pm 3 \times 10^7$ nps
SWS Serial Nos: A3042 thru A3069
Delivery Schedule 5 on 2-6-79
5 on 3-6-79
NSR-L 5 on 4-6-79
5 on 5-5-79
5 on 6-6-79
3 on 7-6-79

RELEASED TO MANUFACTURING
For M.O. NO. 811.5110
Contract No. 201.8AO
Date 9-19-78 By [signature]

Engineering Notice/Release:

Construct and test (28) AmBe neutron sources per "SWS" Dwgs: H-239681, H-239684 Rev. A, H-239685 and "SWS" Specs: H-209986, H-196025 Rev. B.
Maximum Isotope Am241 loading 19.99 ci. Be loading or target to be: 29.60 gm. minimum and 30.50 gm. maximum, with 80% density.
Weld penetration: 100% for inner capsule and for outer capsule 100% nominal or 70% (.064") minimum.
Inner capsule lid must be flat (No dishing or stepped groove is allowable) Mark the sources per "SWS" Dwgs. and NRC license.

Meets: [X] Special Form [ ] Normal Form

Released for Manufacture

By: [signature] Date: 8-24-78

Authorized Charges:

Engrg. Labor: N.A.

Mfg. Labor: 252 hrs Shop Labor: 25 hrs Isotope (Ci ~~gms~~): 310 Ci

QA/QC Labor: 84 hrs Outside Jobs: #2296 Material: -0-

Issued by: [signature] Date: 8-24-78 Released to: [ ] Engineering [ ] Mfgrg.

NPD-29.2, Rev. 2
8-01-75

BEST AVAILABLE COPY

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 811.5110

Contract No. 201-8A0 Customer: Schlumberger

Additional Manufacturing Instructions:	Additional Engineering Notice:
(2) Neutron Output: 4.0 (+0.6 -0.0) $\times 10^7$ n/sec according to ASTM E29-67 para 2.3 Absolute Method.	

NPD-21
8-01-75

Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 • HOUSTON, TEXAS 77001

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

1b
PURCHASE ORDER NO. 23606 | PAGE OF
VENDOR NUMBER 24081
DATE August 4, 1978

SEND INVOICE TO ABOVE ADDRESS FOR ENGINEERING DESIGN

TO

Monsanto Research Nuclear
1515 Nicholas
Dayton, Ohio 45407

RECEIVED
AUG 16 1978
MONSANTO
ENGINEERED PRODUCTS

SHIP TO

SCHLUMBERGER WELL SERVICES
5000 GULF FREEWAY
HOUSTON, TEXAS 77023

SWS USE ONLY

CHARGE TO CODE	WO
CHG. ORDER NO.	63-467-951
LOCATION CHG.	99990
EXPORT CODE	
DEL. TO HDQ.	71500
DEL. TO NON-HDQ.	
INVOICE APP'D BY	

TERMS: N-30 (03) | F.O.B.: S.P. | CONFIRMING [x] YES [ ] NO | VIA | COMMODITY CODE: 014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	5		H-239681	-	NSR-L Radioactive neutron source	821	$6,025.00	ea		2-6-79
02	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		3-6-79
03	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		4-6-79
04	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		5-5-79
05	5		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		6-6-79
06	3		H-239681	-	NSR-L Radioactive neutron source	821	6,025.00	ea		7-6-79
					Serial numbers 3042 thru 3069					

RELEASED FOR MANUFACTURING
For M. O. No. 811.5110
Contract No. 201-800
Date 8-29-78 By dgf

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order shall be subject to Buyer's written approval of the price so submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions in the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
[ ] TAXABLE [X] NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: J. H. Bruner

j-60.1-N

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

TWCP-07099

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of ___

Contract No. 334-9A0 MO No.: 82L5580 Rev. No.: A

Quantity 20 Serial Number(s) RmBe-3674 thru 3693

Customer:
SCHLUMBERGER WELL SERVICES
P.O. BOX 2175
HOUSTON, TEXAS 77001
ATTN: ELLIS CORDER

Purchase Order No. 24282

Date Received 1-18-80

Delivery Required See Below

Spec. Form Cert. Req'd. ☒ Yes ☐ No

License No. ☒ Yes ☐ No

Shipping Address:
SCHLUMBERGER WELL SERVICES
2250 SCHLUMBERGER STREET
HOUSTON, TEXAS 77023

Ship: ☐ Prepd. ☒ Coll. ☐ Prepd. & Chg.

FOB: ☒ Dayton ☐ Destination

Ship Via SURFACE

Additional Documents Required SEND CERT TO CHUCK ROSTEL 1/22/80

CONTROL CLASS 2

Manufacturing Instructions:

1. FABRICATE 20 CAPSULE SETS PER SWS dwg H-239681 REV A ANS SWS SPECS LISTED ON REVERSE
2. OUTPUT: $4.0 \times 10^7 + 0.6 - 0.0 \times 10^7$ n/SEC.
3. SERIAL NOS. A-3070 thru A-3089
4. DELIVERY: 4/month starting 6/6/80 7/11/80; 8/8/80; 9/12/80; 10/10/80.
5. ATTNTION: REVISED DRAWINGS AND SPECS.

RELEASED FOR MANUFACTURING
For M. O. NO. 82L-5580
Contract No. 334-9A0
Date 1-23-80 By bjf

Engineering Notice/Release:

Construct and Test (20) Am-Be neutron sources per "SWS" drwgs: H-239681 Rev A, H-239694 Rev B, H-239[illegible] Rev A and "SWS" specs: H-209976 Rev D and H-241035 Rev D. Minimum Am-241 loading 17 Ci. Be loading to be 27.0 gm minimum and 30.50 gm maximum. Weld penetration: 100% for inner capsule and .064" minimum for outer capsule. Inner capsule lid must be flush to during or the ~~weld~~ groove is allowed). Mark the sources per "SWS" drwgs and NRC Lic. #.

Meets: ☒ Special Form ☐ Normal Form

Released for Manufacture

By: JB Date: 1/23/80

Authorized Charges: (HRS)

Mfg. Labor: 220 Shop Labor: 80 Engrg. Labor: —

QA/QC Labor: 20 Outside Jobs: TIPP + EIGHT Isotope (Ci ~~gms~~): 320

Issued by: KF Date: 1-24-80 Material: —

Released to: ☐ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
8-01-75

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Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 · HOUSTON, TEXAS 77001

SEND INVOICE TO ABOVE ADDRESS

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

PURCHASE ORDER NO	PAGE
24262	1 of 1
VENDOR NUMBER	DATE
24061	01/10/80
ORIGINATOR/BUYER	
MS /EMC	

TO	SHIP TO	SWS USE ONLY
MONSANTO RESEARCH CORP 1515 NICHOLAS DAYTON OH 45407	SCHLUMBERGER WELL SERVICES 5000 GULF FREEWAY HOUSTON, TEXAS 77023	CHARGE CODE CHG. NO. LOCATION CHG. EXPORT CODE DEL. TO HDQ. 77430 DEL. TO NON-HDQ. INVOICE APP'D BY

RECEIVED JAN 13 1980 MONSANTO ENGINEERED PRODUCTS

TERMS	F.O.B.		VIA	COMMODITY CODE
N 30	SP	CONFIRMING x YES [ ] NO		014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	4		H239681	A	NSR-L ANEE NEUT SOURCE PACKAGE QUANTITY: 6	302	7035.000	EA		06/06/80
02	4		H239681	A	NSR-L ANEE NEUT SOURCE PACKAGE QUANTITY: 6	302	7035.000	EA		07/11/80
03	4		H239681	A	NSR-L ANEE NEUT SOURCE PACKAGE QUANTITY: 6	302	7035.000	EA		08/08/80
04	4		H239681	A	NSR-L ANEE NEUT SOURCE PACKAGE QUANTITY: 6	302	7035.000	EA		09/12/80
05	4		H239681	A	NSR-L ANEE NEUT SOURCE PACKAGE QUANTITY: 6	302	7035.000	EA		10/10/80

RELEASED FOR MANUFACTURING
For M. O. NO. 821550
Contract No. 334940
Date 1-28-80 By dgh

SERIAL NUMBERS-3070 - 3089

If order submitted by Buyer is unpriced or marked "Advise Seller shall advise Buyer and this order shall be subject to Seller's written approval of the price as submitted by Seller.

Seller shall furnish the items listed above upon the terms and conditions set forth on the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORA
BY: E M Corder
E. M. CORDER

SWS—2716

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

VENDOR

140700.00

IWR-0660

FOR ENGINEERING DESIGN

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Contract No. 315-0A0 MO No.: 8215980 Rev. No.: 0
Quantity 28 Serial Number(s) A3090 THRU A3117

Customer:
SCHLUMBERGER WELL SERVICES
P.O. BOX 2175
HOUSTON, TX 77001

Shipping Address:
SCHLUMBERGER WELL SERVICES
~~5000 GULF FREEWAY~~
2250 Schlumberger Street
HOUSTON, TX 77023

Purchase Order No. 24721
Date Received 8/18/80
Delivery Required SEE BELOW
Spec. Form Cert. Req'd. ☑ Yes ☐ No
License No. ☑ Yes ☐ No

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.
FOB: ☑ Dayton ☐ Destination
Ship Via MTR FRT

Additional Documents Required SEND COPY TO CHUCK MARSTER

CONTROL CLASS 2

Manufacturing Instructions:

MANUFACTURE 28 SWS NSR-6 AmBe NEUTRON SOURCES
NEUTRON OUTPUT: 4.0×10^7 n/s (+0.6, -0.0)
MAXIMUM CURIE CONTENT: 19.99 CURIES OF Am-241
DELIVERY: 5 - 5/8/81
5 - 6/5/81
5 - 7/10/81

Engineering Notice/Release:

CONSTRUCT 28 SOURCES PER DWG H 239681 REV A, H 239684 REV B AND H 239685 REV A. SPEC H 126025, H 209986 AND H 251923 MUST BE MET.

SUGGESTED LOADING:
5.480 GMS OF AmO_2
28.18 GMS OF BE
WITH A MIN. PELLET LENGTH OF 3.480

MAXIMUM LOADING
6.953 GMS OF AmO_2
33.256 GMS OF BE
WITH A MIN. PELLET LENGTH OF 4.000"

Meets: ☒ Special Form ☐ Normal Form
Released for Manufacture
By: Harold L. Mahon Date: 11-14-80

RELEASED FOR MANUFACTURING
For M. O. NO. 8215980
Contract No. 315-0A0
Date 12-10-80 By dgh

Authorized Charges:

Engrg. Labor: ——
Mfg. Labor: 303 HRS Shop Labor: 113 HRS Isotope (Ci ~~gms~~): 420
QA/QC Labor: 55 HRS Outside Jobs: 34,500 Material: ——
Released by: LW Jones Date: 11/11/80 Date released to Engineering: ——

NPD-29.2, Rev. 2
8-01-75

FOR INFORMATION PURPOSES ONLY USE THE FOLLOWING MRC SERIAL NUMBERS: AmBe - 3799

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MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 821598O

Contract No. 315-080 Customer: SWS

Additional Manufacturing Instructions:	Additional Engineering Notice:
DELIVERY (CONT'E)	MIN. WELD PENETRATION:
5- 8/7/81	INNER CAPSULE - 100%
5- 9/11/81	OUTER CAPSULE - .024"
3- 10/9/81	
	MARK PER DWG H-739684

NPD-21
8-01-75

21

Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES

A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 · HOUSTON, TEXAS 77001
ATTENTION: MATERIAL UNIT

SEND INVOICE TO (SAME ADDRESS)

PURCHASE ORDER NO. 24721
VENDOR NUMBER 24085
ORIGINATOR/BUYER KC /EMC
PAGE 1
DATE 08/06/80

TO

MONSANTO RESEARCH CORP.
1515 NICHOLAS
DAYTON, OH 45407

SHIP TO

SCHLUMBERGER WELL SERVICES
5600 GULF FREEWAY
HOUSTON, TX 77023

FOR ENGINEERING DESIGN

RELEASED FOR MANUFACTURING
For M. O. NO. 891-5980
Contract No. 315-0A0
Date 12-12-80 By [signature]

SWS USE ONLY

CHARGE CODE
CHG. NO.
LOCATION CHG.
EXPORT CODE
DEL. TO HDQ.
DEL. TO NON-HDQ.
INVOICE APP'D BY

TERMS	F.O.B.	VIA	COMMODITY CODE
N 30	SP		014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		05/04/81
02	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		06/05/81
03	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		07/10/81
04	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		08/07/81
05	5		H239681	A	NSR-L AMBE NEUT SOURCE PACKAGE QUANTITY:	302	7270.000	EA		09/11/81
06	3		H239681	A	NSR-L AMBE NEUT SOURCE SERIAL NUMBERS 3090 - 3117	302	7270.000	EA		10/09/81

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: [signature]
L. M. CERLEY

208560.00

SWS—7716

VENDOR

FOR ENGINEERING DESIGN

MWR-01045

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER

Page 1 of 12

Contract No. 188-CAO MO No.: 1033-C Rev. No.: 0 1 (2)

Quantity 12 Serial Number(s) Am Be-2648 thru 2657

Customer: SCHLUMBERGER WELL SERVICES
P.O. BOX 2175
HOUSTON, TEXAS 77001

Shipping Address:
2250 SCHLUMBERGER ST.
HOUSTON, TEXAS 77023 (6)

Purchase Order No. 22664

Date Received 7/6/76

(5) Delivery Required ~~complete~~ 6 WHITE 5 EA... 9/29/77

Spec. Form Cert. Req'd. ☑ Yes ☐ No

License No. ☑ Yes ☐ No

Ship: ☐ Prepd. ☑ Coll. ☐ Prepd. & Chg.

FOB: ☑ Dayton ☐ Destination

Ship Via MOTOR FRT

Additional Documents Required LIC. CERT - C.E. ROCHESTER 7/8/76 dgh

CONTROL CLASS 2

Manufacturing Instructions:

FABRICATE AND TEST TO SWS SPECIFICATIONS; NSR-L

SWS SERIAL NO's. A-3003 THRU A-3014

(2) NEUTRON OUTPUT TOLERANCE TO BE ±10% OF SPECIFIED VALUE ON SWS DRAWING

(6) Ship date for 2 sources should complete THIS M.O. 12-19-77 29

Engineering Notice/Release:

Construct the source per "SWS" Dwgs: H-239681, H-239684, H-239685 and "SWS" Specs: H-126025, Rev. B, H-209986 for construction and testing. Maximum loading: for Am 241 is 19.99 gm for Be is (3) 30.50 gm. maximum. — Minimum weld penetration is 100% ~~for both end~~ of Inner capsule. Inner capsule lid must be flat (no dishing or trepan groove is allowable.) Make the source per customer drawings and NRC license. (4) Be pellet minimum length = 3.48"

Meets: ☑ Special Form ☐ Normal Form

Released for Manufacture

By: N.R. Date: 7-15-76

RELEASED FOR MANUFACTURING
For M. O. NO. 801 336 d
Contract No. 188-CAO
Date 12-12-77 By dgh

Authorized Charges:

Engrg. Labor: _____

Mfg. Labor: 144 Shop Labor: 8 Isotope (Ci ~~gms~~): 192 cc

QA/QC Labor: 12 Outside Jobs: $ 174.2558 (1) Material: _____

Issued by: LS Date: 7-16-76 Released to: ☑ Engineering ☐ Mfgrg.

NPD-29.2, Rev. 2
6-01-75

23

MONSANTO RESEARCH CORPORATION
ENGINEERED PRODUCTS
DAYTON, OHIO

MANUFACTURING ORDER CONTINUATION SHEET

MO No. 1033-C

Contract No. 188-6110 Customer: Schlumberger Well Services

Additional Manufacturing Instructions:	Additional Engineering Notice:
	(4) Weld penetration for outer capsule to be 100% nominal, 70% (0.064") minimum.

NPD-21
8-01-75

Schlumberger

PURCHASE ORDER

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
P. O. BOX 2175 • HOUSTON, TEXAS 77001

ALL DOCUMENTS MUST SHOW SWS PART NUMBER, ITEM NO. AND PURCHASE ORDER NO.

SEND INVOICE TO ABOVE ADDRESS RELEASED FOR PUBLICATION

PURCHASE ORDER NO.	PAGE
C1 22664	OF
VENDOR NUMBER 24081	
DATE July 6, 1976	

TO

Monsanto Research Nuclear
1515 Nicholas
Dayton, Ohio 45407

SHIP TO

SCHLUMBERGER WELL SERVICES
5000 GULF FREEWAY
HOUSTON, TEXAS 77023

SWS USE ONLY

CHARGE TO CODE	W.O.
CHG. ORDER NO.	63-689-951
LOCATION CHG.	99990
EXPORT CODE	
DEL. TO HDQ.	71500
DEL. TO NON-HDQ.	
INVOICE APP'D BY	

TERMS	F.O.B.		VIA	COMMODITY CODE
N-30 (03)	S.P.	CONFIRMING ☒ YES ☐ NO		014

ITEM NO.	QUANTITY	QTY. VARIATION ACCEPTABLE ±	SWS PART NUMBER	REV LEV	DESCRIPTION		PRICE	U/M	EXP	REQUIRED DELIVERY
01	6		H-239681	-	NSR-L Neutron Source Per Terms and Conditions on Monsanto quote No. 188-6A0 dated 7-6-76	301	3500.00	ea		9-01-76
02	6		H-239681	-	Ditto Serial No.'s 3003 thru 3014	301	3500.00	ea		10-1-76

RELEASED FOR MANUFACTURING
For M. O. NO. 4333-6
Contract No. 188-6A0
Date 7-21-76 By dyf

CONFIRMING
DO NOT DUPLICATE

RECEIVED
JUL 14 1976
INTO STORES

If order submitted by Buyer is unpriced or marked "Advise", Seller shall advise Buyer and this order all be subject to Buyer's written approval of the price so submitted by Seller.

eller shall furnish the items listed above upon the terms and conditions and pursuant to the instructions on the front and back hereof, which, together with such drawings and specifications submitted by Buyer, if any, shall, upon your acceptance of this order, constitute the full and complete contract of the parties.

TEXAS SALES TAX PERMIT 1-22-1692661-3
Material on this order purchased free of Sales Tax. Liability assumed by SCHLUMBERGER WELL SERVICES.
☐ TAXABLE ☒ NON-TAXABLE

SCHLUMBERGER WELL SERVICES
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
BY: E M Corder H Sumner

SWS-80-1-M

FOR SELLER'S ACCEPTANCE OF ORDER—EXECUTE AND RETURN PINK COPY AT ONCE

DIVIDER PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR010

Waste Stream Number(s): LA-OS-00-01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☐ TRU Waste Management Program Information	☐ C - Correspondence
☑ Waste Stream-Specific Information	☐ D - Documents
☑ Additional Information	☐ M - Miscellaneous
	☐ P - Procedures
	☑ DR - Discrepancy Resolution
	☐ U - Unpublished Documents

Title or Description of Source Document [a]: Discrepancy Resolution re: Certain Dates in NMMSS Database

Source Document Reference Information (author(s), document and revision number, date, publisher): J. Whitworth, DR010, NA, 08/08/2005

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS3, WS11, S8, S9	1	Describes a discrepancy between the 1975 and 1985 versions of NMMSS for the dates 00000 (in 1975) and 9/30/72 (in 1985). Concludes that "dates other than those of 9/30/72 listed in NMMSS should be determined for sources from other documentation, such as shipping papers," if possible. Also summarizes analysis showing that earlier manufacture dates are conservative for Pu-239 sources and later manufacture dates are conservative for Pu-238 sources, in terms of radiological characterization.

Source Document Data Limitations (if any):

1. Best Available Copy(s)
2. Does not provide default dates for affected NMMSS entries.

Acceptable Knowledge Expert:

Jason Montoya — Date: 2/10/15

Print Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 2/10/2015
EPF

DIVIDER PAGE ONLY

Not part of page count

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number: LA-OS-00-01

Waste Stream Description: LANL Off-Site Source Recovery Project Sealed Sources

AK Documentation Type: [ ]TRU Waste Management Program Information [X]Waste Stream-Specific Information [X]Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR010

Tracking #	Category[a]	Title	Document/ Rev #	Author	Date	Publisher	Page #
M020	Unpub	NMMSS Listing of Sealed Sources by RIS	TWCP-06410	Union Carbide	9/30/75	ERDA	Throughout
M006	Unpub	NMMSS Report SS-2	TWCP-05463	Martin Marietta	12/31/85	DOE	Throughout
M059	Unpub	Evaluation of Isotopic Activity Variations as a Function of Source Date of Birth	NA	A. Feldman	7/14/05	NA	1

Nature of Discrepancy: The 1975 version of the NMMSS database lists the number "00000" for the manufacture date of sources with unknown manufacture dates. The 1985 version of NMMSS (M006) seems to use a default date of 9/30/72 for the same sources. Of the 4,566 sources listed in the 1985 database, approximately 520 (11.4%) show the 9/30/72 date. OSR radiological characterization personnel performed an evaluation of activity differences for Pu-238 and Pu-239 sources as a function of the manufacture date to determine the sensitivity of OSR's radiological characterization model to changes in the date. This analysis showed that a shorter decay time (later manufacture date) is conservative for Pu-238 and Pu-241 mass, while a 20-year change in the date had little or no effect on Pu-239 and Pu-240. However, a longer decay time (earlier manufacture date) is conservative for Am-241 and U-234.

Resolution: This discrepancy affects only Pu-239 and Pu-238 sources.

For Pu-239 sources, the OSR AK Summary Report (CCP-AK-LANL-008) and supporting documents (M008, M010) show that the primary radionuclides on a mass basis are Pu-239, Pu-240, Pu-241, Pu-242, and Am-241. When decay and production are considered, the amount of Am-241 (on a mass basis) exceeds that of Pu-241. For this case, a longer decay time (earlier manufacture date) is conservative because it maximizes the mass of the third most prevalent isotope in the mixture.

For Pu-238 sources, the most prevalent isotopes on a mass basis prior to decay and production are Pu-238, Pu-239, and Pu-240. Post-decay, they are Pu-238, Pu-239, and U-234, followed by Pu-240. Because the primary radionuclide Pu-238 is fairly sensitive to decay time, the shorter decay time (later manufacture date) is conservative.

Wherever possible, dates other than those of 9/30/72 listed in NMMSS should be determined for sources from other documentation, such as shipping papers.

CCP RECORDS ORIGINAL
DATE REC'D 2/10/2015
EPF

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Julia Whitworth / Julia Whitworth (Print/Sign) Date: 8/8/05

Site Project Manager: Michael Gerle / Michael Gerle (Print/Sign) Date: 10/12/05

[a] Published Document or Controlled Database (Pub.), Unpublished Data (Unpub.), Internal Procedure or Note (Proc.), Correspondence (Corr.), or Discrepancy (Disc.)

(M059)

Evaluation of Isotopic Activity Variations as a Function of Source Date of Birth

for Pu-238 Sources

Fractional

	Date 9/30/1982	Date 9/30/1977	Date 9/30/1972	Date 9/30/1967	Date 9/30/1962	Isotopic Activity Change from the 1972 Data: 1982 Delta 1972	1977 Delta 1972	1967 Delta 1972	1962 Delta 1972	Total Activity Change from the 1972 Data: 1982 Delta 1972	1977 Delta 1972	1967 Delta 1972	1962 Delta 1972
Cs-137	7.85E-06	7.00E-06	6.24E-06	5.56E-06	4.96E-06	0.2580	0.1218	-0.1090	-0.2051	2.27E-07	1.07E-07	-9.59E-08	-1.81E-07
U-233	1.82E-12	3.08E-12	4.75E-12	6.87E-12	9.44E-12	-0.6168	-0.3516	0.4463	0.9874	-4.13E-13	-2.36E-13	2.99E-13	6.62E-13
U-234	5.35E-04	6.40E-04	7.41E-04	8.38E-04	9.31E-04	-0.2780	-0.1363	0.1309	0.2564	-2.91E-05	-1.42E-05	1.37E-05	2.68E-05
U-235	1.48E-10	1.60E-10	2.13E-10	2.45E-10	2.77E-10	-0.3052	-0.1549	0.1502	0.3005	-9.17E-12	-4.65E-12	4.51E-12	9.03E-12
Pu-236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-238	7.54E+00	7.25E+00	6.97E+00	6.70E+00	6.44E+00	0.0818	0.0402	-0.0387	-0.0760	8.04E-02	3.95E-02	-3.81E-02	-7.48E-02
U-238	3.75E-11	3.75E-11	3.75E-11	3.75E-11	3.75E-11	0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-239	6.56E-03	6.56E-03	6.56E-03	6.56E-03	6.56E-03	0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-240	3.92E-03	3.92E-03	3.92E-03	3.92E-03	3.91E-03	0.0000	0.0000	0.0000	-0.0026	0.00E+00	0.00E+00	0.00E+00	-1.41E-06
Am-241	1.08E-02	1.18E-02	1.25E-02	1.31E-02	1.35E-02	-0.1360	-0.0560	0.0480	0.0800	-2.40E-04	-9.87E-05	8.46E-05	1.41E-04
Pu-241	1.55E-01	1.22E-01	9.60E-02	7.54E-02	5.93E-02	0.6146	0.2708	-0.2146	-0.3823	8.32E-03	3.67E-03	-2.91E-03	-5.18E-03
Pu-242	6.01E-06	6.01E-06	6.01E-06	6.01E-06	6.01E-06	0.0000	0.0000	0.0000	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-90	6.88E-06	6.09E-06	5.40E-06	4.78E-06	4.24E-06	0.2741	0.1278	-0.1148	-0.2448	2.09E-07	9.73E-08	-8.75E-08	-1.64E-07
Total	7.72E+00	7.39E+00	7.09E+00	6.80E+00	6.52E+00	Average	-0.0083	-0.0106	0.0229	0.0572			
						Absolute Average	0.197266	0.096876	0.096351	0.192698			

by A. Feldman
7/14/05

Isotope	9/30/1982	9/30/1977	9/30/1972	9/30/1967	9/30/1962	SA [Ci/g]
Cs-137	7.85E-06	7.00E-06	6.24E-06	5.56E-06	4.96E-06	8.80E+01
U-233	1.82E-12	3.08E-12	4.75E-12	6.87E-12	9.44E-12	9.76E-03
U-234	5.35E-04	6.40E-04	7.41E-04	8.38E-04	9.31E-04	6.32E-03
U-235	1.48E-10	1.80E-10	2.13E-10	2.45E-10	2.77E-10	2.19E-06
Pu-238	7.54E+00	7.25E+00	6.97E+00	6.70E+00	6.44E+00	1.73E+01
U-238	3.75E-11	3.75E-11	3.75E-11	3.75E-11	3.75E-11	3.40E-07
Pu-239	6.56E-03	6.56E-03	6.56E-03	6.56E-03	6.56E-03	6.29E-02
Pu-240	3.92E-03	3.92E-03	3.92E-03	3.92E-03	3.91E-03	2.30E-01
Am-241	1.08E-02	1.18E-02	1.25E-02	1.31E-02	1.35E-02	3.47E+00
Pu-241	1.55E-01	1.22E-01	9.60E-02	7.54E-02	5.93E-02	1.04E+02
Pu-242	6.01E-06	6.01E-06	6.01E-06	6.01E-06	6.01E-06	3.97E-03
Sr-90	6.88E-06	6.09E-06	5.40E-06	4.78E-06	4.24E-06	1.38E+02
Mass Calc						
Cs-137	6.91E-04	6.16E-04	5.49E-04	4.89E-04	4.36E-04	
U-233	1.78E-14	3.01E-14	4.64E-14	6.71E-14	9.21E-14	
U-234	3.38E-06	4.04E-06	4.68E-06	5.30E-06	5.88E-06	
U-235	3.24E-16	3.94E-16	4.66E-16	5.37E-16	6.07E-16	
Pu-238	1.30E+02	1.25E+02	1.21E+02	1.16E+02	1.11E+02	
U-238	1.28E-17	1.28E-17	1.28E-17	1.28E-17	1.28E-17	
Pu-239	4.13E-04	4.13E-04	4.13E-04	4.13E-04	4.13E-04	
Pu-240	9.02E-04	9.02E-04	9.02E-04	9.02E-04	8.99E-04	
Am-241	3.75E-02	4.09E-02	4.34E-02	4.55E-02	4.68E-02	
Pu-241	1.61E+01	1.27E+01	9.98E+00	7.84E+00	6.17E+00	
Pu-242	2.39E-08	2.39E-08	2.39E-08	2.39E-08	2.39E-08	
Sr-90	9.49E-04	8.40E-04	7.45E-04	6.60E-04	5.85E-04	
Mass Sum	1.47E+02	1.38E+02	1.31E+02	1.24E+02	1.18E+02	
Wt% Calc						
Cs-137	4.71E-06	4.46E-06	4.20E-06	3.95E-06	3.71E-06	
U-233	1.21E-16	2.18E-16	3.55E-16	5.42E-16	7.83E-16	
U-234	2.31E-08	2.93E-08	3.59E-08	4.28E-08	5.00E-08	
U-235	2.21E-18	2.85E-18	3.57E-18	4.33E-18	5.16E-18	
Pu-238	8.90E-01	9.08E-01	9.23E-01	9.36E-01	9.47E-01	
U-238	8.70E-20	9.23E-20	9.76E-20	1.03E-19	1.08E-19	
Pu-239	2.81E-06	2.99E-06	3.16E-06	3.33E-06	3.51E-06	
Pu-240	6.15E-06	6.53E-06	6.90E-06	7.28E-06	7.65E-06	
Am-241	2.56E-04	2.96E-04	3.32E-04	3.67E-04	3.98E-04	
Pu-241	1.10E-01	9.18E-02	7.64E-02	6.33E-02	5.24E-02	
Pu-242	1.63E-10	1.73E-10	1.83E-10	1.93E-10	2.03E-10	
Sr-90	6.48E-06	6.08E-06	5.71E-06	5.33E-06	4.97E-06	
sum	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A | **Input Data** 0.65 Grams Elemental | **Manufacture Date: 9/30/1982**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	8.92E-08	7.85E-06	0.00E+00	0.00E+00	8.69E-09	1.45E-07
233U	0.00E+00	0.00E+00	1.86E-10	1.82E-12	1.68E-10	5.69E-13	5.30E-14	1.65E-15
234U	2.21E-09	1.40E-11	8.47E-02	5.35E-04	0.00E+00	0.00E+00	1.54E-05	4.86E-07
235U	2.77E-07	6.06E-13	6.77E-05	1.48E-10	4.35E-05	0.00E+00	4.09E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.36E-01	7.54E+00	4.93E-02	6.86E+00	2.50E-01	2.79E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.51E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.71E-02	3.92E-03	3.84E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.10E-03	1.08E-02	5.79E-05	1.08E-02	3.59E-04	3.98E-05
241Pu	4.48E-03	4.66E-01	1.49E-03	1.55E-01	3.36E-03	3.04E-03	4.94E-06	1.41E-04
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	4.98E-08	6.88E-06	0.00E+00	0.00E+00	7.97E-09	8.49E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.72E+00	1.57E-01	6.88E+00	2.51E-01	2.82E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECI	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.81E-07	2.47E-05	9.15E-07	0.00E+00	0.00E+00	2.74E-08	4.58E-07	0.00E+00
233U	4.34E-10	4.23E-12	1.57E-13	4.45E-10	1.32E-12	1.23E-13	3.85E-15	0.00E+00
234U	1.71E-01	1.08E-03	4.00E-05	0.00E+00	0.00E+00	3.11E-05	9.83E-07	0.00E+00
235U	1.38E-04	3.03E-10	1.12E-11	9.10E-05	0.00E+00	8.36E-12	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	8.81E-01	1.52E+01	5.64E-01	1.01E-01	1.39E+01	5.05E-01	5.65E-02	1.52E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.59E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.97E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.05E-03	2.98E-04	8.08E-04	8.05E-03	2.51E-04	2.98E-05	8.05E-03
241Am	7.20E-03	2.50E-02	9.25E-04	1.54E-04	2.50E-02	8.36E-04	9.26E-05	2.50E-02
241Pu	3.47E-03	3.61E-01	1.34E-02	8.90E-03	7.08E-03	1.15E-05	3.28E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.57E-07	2.17E-05	8.02E-07	0.00E+00	0.00E+00	2.51E-08	2.68E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.31E+00	1.56E+01	5.77E-01	3.25E-01	1.39E+01	5.06E-01	5.69E-02	1.53E+01

Total α NCi/g **2.12E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A | **Input Data** 0.65 Grams Elemental | **Manufacture Date: 9/30/1977**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.95E-08	7.00E-06	0.00E+00	0.00E+00	7.74E-09	1.30E-07
233U	0.00E+00	0.00E+00	3.16E-10	3.08E-12	2.84E-10	9.62E-13	8.96E-14	2.80E-15
234U	2.21E-09	1.40E-11	1.01E-01	6.40E-04	0.00E+00	0.00E+00	1.84E-05	5.82E-07
235U	2.77E-07	6.06E-13	8.24E-05	1.80E-10	5.30E-05	0.00E+00	4.98E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.19E-01	7.25E+00	4.74E-02	6.59E+00	2.40E-01	2.69E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.84E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.39E-03	1.18E-02	6.34E-05	1.18E-02	3.93E-04	4.36E-05
241Pu	4.48E-03	4.66E-01	1.17E-03	1.22E-01	2.64E-03	2.39E-03	3.88E-06	1.11E-04
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	4.41E-08	6.09E-06	0.00E+00	0.00E+00	7.06E-09	7.52E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.40E+00	1.55E-01	6.62E+00	2.41E-01	2.71E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: MRPU8BE47B

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1977

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.95E-08	7.00E-06	0.00E+00	0.00E+00	7.74E-09	1.30E-07
233U	0.00E+00	0.00E+00	3.16E-10	3.08E-12	2.84E-10	9.62E-13	8.96E-14	2.80E-15
234U	2.21E-09	1.40E-11	1.01E-01	6.40E-04	0.00E+00	0.00E+00	1.84E-05	5.82E-07
235U	2.77E-07	6.06E-13	8.24E-05	1.80E-10	5.30E-05	0.00E+00	4.98E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.19E-01	7.25E+00	4.74E-02	6.59E+00	2.40E-01	2.69E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.84E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.39E-03	1.18E-02	6.34E-05	1.18E-02	3.93E-04	4.36E-05
241Pu	4.48E-03	4.66E-01	1.17E-03	1.22E-01	2.64E-03	2.39E-03	3.88E-06	1.11E-04
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	4.41E-08	6.09E-06	0.00E+00	0.00E+00	7.06E-09	7.52E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.40E+00	1.55E-01	6.62E+00	2.41E-01	2.71E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.51E-07	2.21E-05	8.16E-07	0.00E+00	0.00E+00	2.44E-08	4.08E-07	0.00E+00
233U	7.34E-10	7.16E-12	2.65E-13	7.53E-10	2.24E-12	2.08E-13	6.51E-15	0.00E+00
234U	2.05E-01	1.29E-03	4.78E-05	0.00E+00	0.00E+00	3.72E-05	1.18E-06	0.00E+00
235U	1.69E-04	3.69E-10	1.37E-11	1.11E-04	0.00E+00	1.02E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	8.47E-01	1.47E+01	5.42E-01	9.67E-02	1.33E+01	4.85E-01	5.43E-02	1.47E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.59E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.05E-03	2.98E-04	8.07E-04	8.05E-03	2.51E-04	2.98E-05	8.05E-03
241Am	7.88E-03	2.74E-02	1.01E-03	1.68E-04	2.74E-02	9.15E-04	1.01E-04	2.74E-02
241Pu	2.73E-03	2.84E-01	1.05E-02	7.00E-03	5.57E-03	9.03E-06	2.58E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.39E-07	1.92E-05	7.11E-07	0.00E+00	0.00E+00	2.23E-08	2.37E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.31E+00	1.49E+01	5.53E-01	3.19E-01	1.34E+01	4.87E-01	5.47E-02	1.47E+01

Total α NCi/g **2.04E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.09E-08	6.24E-06	0.00E+00	0.00E+00	6.90E-09	1.15E-07
233U	0.00E+00	0.00E+00	4.87E-10	4.75E-12	4.38E-10	1.49E-12	1.38E-13	4.32E-15
234U	2.21E-09	1.40E-11	1.17E-01	7.41E-04	0.00E+00	0.00E+00	2.13E-05	6.73E-07
235U	2.77E-07	6.06E-13	9.72E-05	2.13E-10	6.25E-05	0.00E+00	5.87E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.03E-01	6.97E+00	4.55E-02	6.34E+00	2.31E-01	2.58E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.61E-03	1.25E-02	6.76E-05	1.25E-02	4.19E-04	4.64E-05
241Pu	4.48E-03	4.66E-01	9.23E-04	9.60E-02	2.08E-03	1.88E-03	3.05E-06	8.72E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.91E-08	5.40E-06	0.00E+00	0.00E+00	6.26E-09	6.66E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.09E+00	1.52E-01	6.36E+00	2.32E-01	2.60E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: MRPU8BE47B

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	7.09E-08	6.24E-06	0.00E+00	0.00E+00	6.90E-09	1.15E-07
233U	0.00E+00	0.00E+00	4.87E-10	4.75E-12	4.38E-10	1.49E-12	1.38E-13	4.32E-15
234U	2.21E-09	1.40E-11	1.17E-01	7.41E-04	0.00E+00	0.00E+00	2.13E-05	6.73E-07
235U	2.77E-07	6.06E-13	9.72E-05	2.13E-10	6.25E-05	0.00E+00	5.87E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	4.03E-01	6.97E+00	4.55E-02	6.34E+00	2.31E-01	2.58E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.61E-03	1.25E-02	6.76E-05	1.25E-02	4.19E-04	4.64E-05
241Pu	4.48E-03	4.66E-01	9.23E-04	9.60E-02	2.08E-03	1.88E-03	3.05E-06	8.72E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.91E-08	5.40E-06	0.00E+00	0.00E+00	6.26E-09	6.66E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.48E-01	7.09E+00	1.52E-01	6.36E+00	2.32E-01	2.60E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.23E-07	1.97E-05	7.28E-07	0.00E+00	0.00E+00	2.18E-08	3.64E-07	0.00E+00
233U	1.13E-09	1.11E-11	4.09E-13	1.16E-09	3.45E-12	3.22E-13	1.00E-14	0.00E+00
234U	2.37E-01	1.50E-03	5.54E-05	0.00E+00	0.00E+00	4.31E-05	1.36E-06	0.00E+00
235U	1.99E-04	4.35E-10	1.61E-11	1.31E-04	0.00E+00	1.20E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	8.14E-01	1.41E+01	5.21E-01	9.29E-02	1.28E+01	4.67E-01	5.22E-02	1.41E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.60E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.04E-03	2.98E-04	8.07E-04	8.04E-03	2.50E-04	2.98E-05	8.04E-03
241Am	8.40E-03	2.92E-02	1.08E-03	1.79E-04	2.92E-02	9.75E-04	1.08E-04	2.92E-02
241Pu	2.15E-03	2.23E-01	8.26E-03	5.50E-03	4.38E-03	7.10E-06	2.03E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.23E-07	1.70E-05	6.30E-07	0.00E+00	0.00E+00	1.97E-08	2.10E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.31E+00	1.43E+01	5.30E-01	3.15E-01	1.29E+01	4.68E-01	5.25E-02	1.41E+01

Total α NCi/g **1.96E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A **Input Data** **0.65 Grams Elemental** **Manufacture Date: 9/30/1967**

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	6.32E-08	5.56E-06	0.00E+00	0.00E+00	6.15E-09	1.03E-07
233U	0.00E+00	0.00E+00	7.04E-10	6.87E-12	6.33E-10	2.15E-12	2.00E-13	6.24E-15
234U	2.21E-09	1.40E-11	1.33E-01	8.38E-04	0.00E+00	0.00E+00	2.41E-05	7.61E-07
235U	2.77E-07	6.06E-13	1.12E-04	2.45E-10	7.20E-05	0.00E+00	6.76E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	3.87E-01	6.70E+00	4.38E-02	6.09E+00	2.22E-01	2.48E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.78E-03	1.31E-02	7.07E-05	1.31E-02	4.39E-04	4.86E-05
241Pu	4.48E-03	4.66E-01	7.25E-04	7.54E-02	1.63E-03	1.48E-03	2.40E-06	6.86E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.46E-08	4.78E-06	0.00E+00	0.00E+00	5.54E-09	5.90E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.47E-01	6.80E+00	1.50E-01	6.12E+00	2.23E-01	2.50E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: MRPU8BE47B

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1967

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	6.32E-08	5.56E-06	0.00E+00	0.00E+00	6.15E-09	1.03E-07
233U	0.00E+00	0.00E+00	7.04E-10	6.87E-12	6.33E-10	2.15E-12	2.00E-13	6.24E-15
234U	2.21E-09	1.40E-11	1.33E-01	8.38E-04	0.00E+00	0.00E+00	2.41E-05	7.61E-07
235U	2.77E-07	6.06E-13	1.12E-04	2.45E-10	7.20E-05	0.00E+00	6.76E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	3.87E-01	6.70E+00	4.38E-02	6.09E+00	2.22E-01	2.48E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.92E-03	3.83E-04	3.92E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.78E-03	1.31E-02	7.07E-05	1.31E-02	4.39E-04	4.86E-05
241Pu	4.48E-03	4.66E-01	7.25E-04	7.54E-02	1.63E-03	1.48E-03	2.40E-06	6.86E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.46E-08	4.78E-06	0.00E+00	0.00E+00	5.54E-09	5.90E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.47E-01	6.80E+00	1.50E-01	6.12E+00	2.23E-01	2.50E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	1.99E-07	1.75E-05	6.49E-07	0.00E+00	0.00E+00	1.94E-08	3.25E-07	0.00E+00
233U	1.64E-09	1.60E-11	5.91E-13	1.68E-09	4.99E-12	4.65E-13	1.45E-14	0.00E+00
234U	2.68E-01	1.69E-03	6.26E-05	0.00E+00	0.00E+00	4.87E-05	1.54E-06	0.00E+00
235U	2.29E-04	5.01E-10	1.86E-11	1.50E-04	0.00E+00	1.38E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	7.83E-01	1.35E+01	5.01E-01	8.93E-02	1.23E+01	4.48E-01	5.01E-02	1.35E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.60E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.50E-02	8.04E-03	2.97E-04	8.06E-04	8.04E-03	2.50E-04	2.98E-05	8.04E-03
241Am	8.79E-03	3.05E-02	1.13E-03	1.87E-04	3.05E-02	1.02E-03	1.13E-04	3.05E-02
241Pu	1.69E-03	1.75E-01	6.49E-03	4.33E-03	3.44E-03	5.58E-06	1.59E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	1.09E-07	1.51E-05	5.58E-07	0.00E+00	0.00E+00	1.75E-08	1.86E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.30E+00	1.37E+01	5.08E-01	3.10E-01	1.24E+01	4.50E-01	5.05E-02	1.36E+01

Total α NCi/g **1.89E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 7/31/2005

Container: LA00000058699

Source ID: MRPU8BE47A

Input Data
0.65 Grams Elemental

Manufacture Date: 9/30/1962

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	1.51E-07	1.33E-05	5.63E-08	4.96E-06	0.00E+00	0.00E+00	5.49E-09	9.18E-08
233U	0.00E+00	0.00E+00	9.68E-10	9.44E-12	8.71E-10	2.95E-12	2.75E-13	8.59E-15
234U	2.21E-09	1.40E-11	1.47E-01	9.31E-04	0.00E+00	0.00E+00	2.68E-05	8.46E-07
235U	2.77E-07	6.06E-13	1.27E-04	2.77E-10	8.14E-05	0.00E+00	7.65E-12	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.22E-01	9.04E+00	3.72E-01	6.44E+00	4.21E-02	5.86E+00	2.13E-01	2.39E-02
238U	1.10E-04	3.75E-11	1.10E-04	3.75E-11	0.00E+00	0.00E+00	9.52E-13	0.00E+00
239Pu	1.04E-01	6.56E-03	1.04E-01	6.56E-03	1.04E-01	6.56E-03	2.03E-04	2.43E-05
240Pu	1.71E-02	3.93E-03	1.70E-02	3.91E-03	3.83E-04	3.91E-03	1.22E-04	1.45E-05
241Am	1.84E-04	6.40E-04	3.90E-03	1.35E-02	7.30E-05	1.35E-02	4.53E-04	5.02E-05
241Pu	4.48E-03	4.66E-01	5.70E-04	5.93E-02	1.28E-03	1.16E-03	1.89E-06	5.39E-05
242Pu	1.51E-03	6.01E-06	1.51E-03	6.01E-06	1.14E-05	5.47E-06	1.77E-07	2.23E-08
90Sr	8.67E-08	1.20E-05	3.07E-08	4.24E-06	0.00E+00	0.00E+00	4.91E-09	5.23E-07
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	6.50E-01	9.51E+00	6.47E-01	6.53E+00	1.48E-01	5.88E+00	2.14E-01	2.40E-02

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____
(initial)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	1.78E-07	1.56E-05	5.78E-07	0.00E+00	0.00E+00	1.73E-08	2.89E-07	0.00E+00
233U	2.25E-09	2.20E-11	8.13E-13	2.31E-09	6.86E-12	6.39E-13	2.00E-14	0.00E+00
234U	2.98E-01	1.88E-03	6.96E-05	0.00E+00	0.00E+00	5.42E-05	1.71E-06	0.00E+00
235U	2.59E-04	5.67E-10	2.10E-11	1.70E-04	0.00E+00	1.56E-11	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	7.52E-01	1.30E+01	4.82E-01	8.59E-02	1.18E+01	4.31E-01	4.82E-02	1.30E+01
238U	3.01E-04	1.02E-10	3.79E-12	0.00E+00	0.00E+00	2.60E-12	0.00E+00	0.00E+00
239Pu	2.13E-01	1.34E-02	4.96E-04	2.18E-01	1.34E-02	4.16E-04	4.97E-05	1.34E-02
240Pu	3.49E-02	8.03E-03	2.97E-04	8.06E-04	8.03E-03	2.50E-04	2.98E-05	8.03E-03
241Am	9.08E-03	3.15E-02	1.17E-03	1.94E-04	3.15E-02	1.05E-03	1.17E-04	3.15E-02
241Pu	1.33E-03	1.38E-01	5.10E-03	3.40E-03	2.70E-03	4.39E-06	1.25E-04	0.00E+00
242Pu	4.19E-03	1.66E-05	6.16E-07	4.02E-05	1.51E-05	4.90E-07	6.16E-08	1.66E-05
90Sr	9.68E-08	1.34E-05	4.94E-07	0.00E+00	0.00E+00	1.55E-08	1.65E-06	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.30E+00	1.32E+01	4.88E-01	3.06E-01	1.19E+01	4.33E-01	4.85E-02	1.31E+01

Total α NCi/g **1.81E+06**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Alex Feldman **Date:** 7/14/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Analysis for Pu-239 Sources

1962 birth date

Total Container Content With Uncertainty Applied – All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.51E-06	2.21E-04	8.17E-06	0.00E+00	0.00E+00	2.44E-07	4.09E-06	0.00E+00
233U	4.60E-08	1.56E-10	5.78E-12	2.01E-08	4.89E-11	4.55E-12	7.62E-11	0.00E+00
234U	1.68E-03	1.06E-05	3.92E-07	0.00E+00	0.00E+00	3.05E-07	9.63E-09	0.00E+00
235U	1.35E-02	4.05E-08	1.50E-09	1.22E-02	0.00E+00	1.23E-07	2.02E-06	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	5.23E-03	7.31E-02	2.71E-03	7.65E-04	6.65E-02	2.40E-03	4.02E-02	1.18E-02
238U	4.11E-03	1.40E-09	5.17E-11	0.00E+00	0.00E+00	3.54E-11	0.00E+00	0.00E+00
239Pu	1.52E+01	9.58E-01	3.45E-02	1.56E+01	9.58E-01	2.97E-02	4.98E-01	9.58E-01
240Pu	1.28E+00	2.95E-01	1.09E-02	3.44E-02	2.95E-01	9.19E-03	1.09E-03	2.95E-01
241Am	6.02E-02	2.09E-01	7.72E-03	3.56E-02	2.09E-01	6.98E-03	7.72E-04	2.09E-01
241Pu	8.09E-03	8.41E-01	3.11E-02	2.53E-02	1.65E-02	2.68E-05	7.65E-04	0.00E+00
242Pu	2.33E+01	1.00E-01	3.72E-03	3.25E-01	9.13E-02	2.96E-03	3.82E-01	2.00E-01
90Sr	1.36E-06	1.88E-04	6.95E-06	0.00E+00	0.00E+00	2.18E-07	2.32E-05	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	4.13E+01	2.23E+00	8.24E-02	1.57E+01	1.49E+00	4.67E-02	6.09E-03	1.49E+00

Total α NCi/g **2.07E+05**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Am-241 + Pu-241 = 6.83×10^{-2}

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 8/31/2005

Container: LA00000061442

Example for Pu-239 sources

Source ID: M423

Input Data
15.99 Grams Elemental

Manufacture Date: 9/30/1962

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	3.71E-06	3.26E-04	1.38E-06	1.22E-04	0.00E+00	0.00E+00	1.35E-07	2.25E-06
235U	0.00E+00	0.00E+00	9.76E-09	9.53E-11	8.78E-09	2.98E-11	2.77E-12	8.66E-14
234U	5.44E-08	3.44E-10	6.68E-04	4.22E-06	0.00E+00	0.00E+00	1.22E-07	3.84E-09
235U	6.80E-06	1.49E-11	1.81E-02	3.96E-08	1.16E-02	0.00E+00	1.09E-09	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.37E-03	9.09E-02	1.69E-03	2.92E-02	1.90E-04	2.65E-02	9.56E-04	1.50E-04
238U	2.71E-03	9.23E-10	2.71E-03	9.23E-10	0.00E+00	0.00E+00	2.34E-11	0.00E+00
239Pu	1.49E+01	9.97E-01	1.49E+01	9.36E-01	1.49E+01	9.36E-01	2.90E-02	3.47E-03
240Pu	1.04E+00	2.40E-01	1.04E+00	2.39E-01	2.34E-02	2.39E-01	7.43E-03	8.84E-04
241Am	4.53E-03	1.57E-02	3.67E-02	1.27E-01	6.85E-04	1.27E-01	4.25E-03	4.71E-04
241Pu	3.89E-02	4.05E+00	4.93E-03	5.13E-01	1.11E-02	1.01E-02	1.63E-05	4.66E-04
242Pu	3.80E-03	2.50E-05	7.35E+00	2.97E-02	5.51E-02	2.65E-02	8.60E-04	1.08E-04
90Sr	2.12E-06	2.93E-04	7.49E-07	1.03E-04	0.00E+00	0.00E+00	1.20E-07	1.28E-05
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.60E+01	5.28E+00	2.33E+01	1.87E+00	1.50E+01	1.36E+00	4.25E-02	5.52E-03

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M735

Input Data
31.8 Grams Elemental

Manufacture Date: 9/30/1962

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.37E-06	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.08E-07	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.35E-05	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.71E-03	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.40E-03	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.96E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.07E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.02E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.74E-02	8.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.15E-02	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.22E-06	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.18E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M736

Input Data
31.94 Grams Elemental

Manufacture Date: 9/30/1962

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.40E-06	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.09E-07	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.96E-05	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.73E-03	8.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.42E-03	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.98E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.08E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.06E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.77E-02	8.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.16E-02	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.24E-06	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.19E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

1972 birth date

Total Container Content With Uncertainty Applied – All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	3.16E-06	2.78E-04	1.03E-05	0.00E+00	0.00E+00	3.08E-07	5.15E-06	0.00E+00
235U	8.26E-09	8.07E-11	2.98E-12	1.03E-08	2.52E-11	2.35E-12	2.24E-11	0.00E+00
234U	1.33E-03	8.44E-06	3.12E-07	0.00E+00	0.00E+00	2.43E-07	7.67E-09	0.00E+00
235U	1.42E-02	3.11E-08	1.15E-09	9.95E-03	0.00E+00	6.58E-10	1.03E-08	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.58E-03	7.92E-02	2.93E-03	8.28E-04	7.20E-02	2.62E-03	2.60E-02	7.92E-02
238U	4.11E-03	1.40E-09	5.17E-11	0.00E+00	0.00E+00	3.54E-11	0.00E+00	0.00E+00
239Pu	1.52E+01	9.58E-01	3.55E-02	1.56E+01	9.58E-01	2.97E-02	3.95E-02	9.58E-01
240Pu	1.29E+00	2.96E-01	1.09E-02	3.45E-02	2.96E-01	9.20E-03	1.10E-03	2.96E-01
241Am	5.61E-02	1.95E-01	7.20E-03	1.14E-03	1.95E-01	6.51E-05	7.21E-04	1.95E-01
241Pu	1.31E-02	1.36E+00	5.04E-02	4.10E-02	2.67E-02	4.33E-05	1.24E-03	0.00E+00
242Pu	2.74E+01	1.09E-01	4.02E-03	3.51E-01	9.89E-02	3.20E-03	4.07E-03	1.09E-01
90Sr	1.73E-06	2.39E-04	8.85E-06	0.00E+00	0.00E+00	2.77E-07	2.95E-05	0.00E+00
Other	?	NA	NA	NA	NA	NA	NA	NA
Totals	4.34E+01	2.74E+00	1.01E-01	1.58E+01	1.50E+00	4.66E-02	6.49E-03	1.49E+00

Total α NCi/g **2.07E+05**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 8/31/2005

Container: LA00000061442

Example for Pu-239 sources

Source ID: M423

Input Data
15.99 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	3.71E-06	3.26E-04	1.74E-06	1.53E-04	0.00E+00	0.00E+00	1.69E-07	2.84E-06
233U	0.00E+00	0.00E+00	5.01E-09	4.91E-11	4.53E-09	1.54E-11	1.43E-12	4.47E-14
234U	5.44E-08	3.44E-10	5.32E-04	3.36E-06	0.00E+00	0.00E+00	9.69E-08	3.06E-09
235U	6.80E-06	1.49E-11	1.39E-02	3.04E-08	6.92E-03	0.00E+00	6.21E-10	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.37E-03	8.09E-02	1.82E-03	3.16E-02	2.06E-04	2.87E-02	1.05E-03	1.17E-04
238U	2.71E-03	9.23E-10	2.71E-03	9.23E-10	0.00E+00	0.00E+00	2.34E-11	0.00E+00
239Pu	1.49E+01	9.37E-01	1.49E+01	9.36E-01	1.49E+01	9.36E-01	2.90E-02	3.47E-03
240Pu	1.04E+00	2.40E-01	1.04E+00	2.39E-01	2.34E-02	2.39E-01	7.44E-03	8.85E-04
241Am	4.53E-03	1.57E-02	3.42E-02	1.19E-01	6.39E-04	1.19E-01	3.96E-03	4.39E-04
241Pu	3.89E-02	4.05E+00	7.98E-03	8.30E-01	1.79E-02	1.63E-02	2.64E-05	7.54E-04
242Pu	5.80E-03	2.36E-05	7.95E+00	3.16E-02	5.96E-02	2.87E-02	9.30E-04	1.17E-03
90Sr	2.12E-06	2.93E-04	9.55E-07	1.32E-04	0.00E+00	0.00E+00	1.53E-07	1.63E-05
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.60E+01	5.28E+00	2.39E+01	2.19E+00	1.50E+01	1.37E+00	4.24E-02	5.80E-03

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M735

Input Data
31.8 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.37E-06	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.08E-07	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.35E-05	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.71E-03	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.40E-03	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.96E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.07E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.02E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.74E-02	8.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.15E-02	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.22E-06	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.18E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M736

Input Data
31.94 Grams Elemental

Manufacture Date: 9/30/1972

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.40E-06	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.09E-07	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.36E-05	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.73E-03	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.42E-03	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.98E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.08E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.06E-03	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.77E-02	8.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.16E-02	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.24E-06	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.19E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Shortest $\frac{1}{2}$ t (1982)

Total Container Content With Uncertainty Applied – All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	3.97E-06	3.50E-04	1.29E-05	0.00E+00	0.00E+00	3.87E-07	6.48E-06	0.00E+00
233U	3.30E-09	3.23E-11	1.19E-12	4.14E-09	1.01E-11	9.39E-13	2.93E-14	0.00E+00
234U	9.65E-04	6.10E-06	2.26E-07	0.00E+00	0.00E+00	1.76E-07	5.55E-09	0.00E+00
235U	9.89E-03	2.17E-08	8.02E-10	6.51E-03	0.00E+00	5.97E-10	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.95E-03	8.57E-02	3.17E-03	8.96E-04	7.79E-02	2.84E-03	3.17E-04	8.57E-02
238U	4.11E-03	1.40E-09	5.17E-11	0.00E+00	0.00E+00	3.54E-11	0.00E+00	0.00E+00
239Pu	1.52E+01	9.59E-01	3.55E-02	1.56E+01	9.59E-01	2.97E-02	3.55E-03	9.59E-01
240Pu	1.29E+00	2.96E-01	1.10E-02	3.45E-02	2.96E-01	9.21E-03	1.10E-03	2.96E-01
241Am	4.89E-02	1.70E-01	6.27E-03	1.27E-03	1.70E-01	5.67E-03	6.28E-04	1.70E-01
241Pu	2.12E-02	2.20E+00	8.15E-02	6.63E-02	4.32E-02	7.01E-05	2.00E-03	0.00E+00
242Pu	2.96E+01	1.18E-01	4.35E-03	3.80E-01	1.07E-01	3.47E-03	4.36E-04	1.18E-01
90Sr	2.21E-06	3.05E-04	1.13E-05	0.00E+00	0.00E+00	3.53E-07	3.76E-05	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	4.56E+01	3.56E+00	1.32E-01	1.58E+01	1.50E+00	4.63E-02	7.16E-03	1.48E+00

Total α NCi/g **2.06E+05**

* All uncertainties are 1 σ, except FGE, which is 2 σ

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____

Approved: _____

Am-241 + Pu-241 = 7.01×10^{-2}

Container Characterization Report

Characterization Datasheets (Version 1.0)

Run Date: 8/31/2005

Container: LA00000061442

Example for Pu-239 sources

Source ID: M423

Input Data
15.99 Grams Elemental

Manufacture Date: 9/30/1982

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	3.71E-06	3.26E-04	2.19E-06	1.93E-04	0.00E+00	0.00E+00	2.13E-07	3.57E-06
233U	0.00E+00	0.00E+00	2.01E-09	1.96E-11	1.81E-09	6.14E-12	5.72E-13	1.79E-14
234U	5.44E-08	3.44E-10	3.85E-04	2.43E-06	0.00E+00	0.00E+00	7.01E-08	2.21E-09
235U	6.80E-06	1.49E-11	9.66E-03	2.12E-08	6.21E-03	0.00E+00	3.84E-10	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.87E-03	4.09E-02	1.97E-03	3.42E-02	2.23E-04	3.11E-02	1.33E-03	1.27E-04
238U	2.71E-03	9.23E-10	2.71E-03	9.23E-10	0.00E+00	0.00E+00	2.34E-11	0.00E+00
239Pu	1.49E+01	9.37E-01	1.49E+01	9.36E-01	1.49E+01	9.36E-01	2.90E-02	3.47E-03
240Pu	1.04E+00	2.40E-01	1.04E+00	2.39E-01	2.34E-02	2.39E-01	7.45E-03	8.86E-04
241Am	4.53E-03	1.57E-02	2.98E-02	1.03E-01	5.57E-04	1.03E-01	3.45E-03	3.83E-04
241Pu	3.89E-02	4.05E+00	1.29E-02	1.34E+00	2.90E-02	2.63E-02	4.27E-05	1.22E-03
242Pu	5.80E-03	2.30E-05	8.60E+00	3.42E-02	6.45E-02	3.11E-02	1.01E-03	1.27E-04
90Sr	2.12E-06	2.93E-04	1.22E-06	1.68E-04	0.00E+00	0.00E+00	1.95E-07	2.07E-05
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.60E+01	5.28E+00	2.46E+01	2.69E+00	1.50E+01	1.37E+00	4.21E-02	6.23E-03

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M735

Input Data
31.8 Grams Elemental

Manufacture Date: 9/30/1982

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.37E-06	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.08E-07	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.35E-05	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.71E-03	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.40E-03	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.96E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.07E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.02E-03	3.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.74E-02	8.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.15E-02	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.22E-06	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.18E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

Source ID: M736

Input Data
31.94 Grams Elemental

Manufacture Date: 9/30/1982

Nuclide	Initial Content (Grams)	Initial Activity (Ci)	Decayed Content (Grams)	Decayed Activity (Ci)	Source FGE	Source PE-Ci	Source W	Source % Type A Limit (Ci)
137Cs	7.40E-06	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233U	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234U	1.09E-07	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235U	1.36E-05	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	4.73E-03	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238U	5.42E-03	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239Pu	2.98E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240Pu	2.08E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Am	9.06E-03	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241Pu	7.77E-02	8.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242Pu	1.16E-02	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90Sr	4.24E-06	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	3.19E+01	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Performed By: Julia W **Date:** 8/8/2005

Reviewed By: _____ **Date:** _____
(initial)

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR001
Waste Stream Number(s): LA-MHD01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Descrepancy Resolution: Waste Stream Assignment	
Source Document Reference Information (author(s), document and revision number, date, publisher): Steve Schafer, April 12, 2005	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS1, WS6, S9	All	Documents the discrepancy for LANL assigning this waste stream to two separate streams (inorganic and organic) and the justification for combining these streams into LA-MHD01.001.

Source Document Data Limitations (if any):

1. None

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 12/20/11

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

CCP RECORDS ORIGINAL
DATE REC'D 1-3-12

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001 ~~DR003~~ 2 SDS 4/13/05

Waste Stream Description: Mixed Heterogeneous Debris from TA-55

AK Documentation Type: ☐TRU Waste Management Program Information ☒Waste Stream Specific Information ☒Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR001

Tracking #	Category[a]	Title	Document/ Rev#	Author	Date	Publisher	Page #
D013	Pub.	Los Alamos National Laboratory Transuranic Waste Characterization Acceptable Knowledge Information Summary (AKIS)	TWCP-PLAN-0.2.7-001	N/A	3/29/05	LANL	ALL
N/A	Pub.	Los Alamos National Laboratory Pu-239 Contaminated Mixed Heterogeneous Debris	CCP-AK-LANL-006, Rev. 1	N/A	7/8/04	CCP	All
U003	Unpub.	Review of RTR Data From Pre-WAP Analysis For AK	TWCP-11062	N/A	1/20/03	N/A	All

Nature of Discrepancy:

1. LANL Project 2010 has historically categorized PF-4 generated mixed Pu-239 contaminated debris waste into two separate waste streams (LA-TA55-19 and LA-TA-55-30).

Resolution:

1. PF-4 packaging practices resulted in waste segregation by physical matrix type for assay purposes. This practice resulted in many debris drums being comprised exclusively of like material, such as metal, glass, HEPA filters, and combustibles such as plastic and cellulose. LANL historically delineated two waste streams from the population of Pu-239 contaminated debris generated at TA-55; one waste stream primarily combustible and one primarily non-combustible.. However, PF-4 segregation practices resulted in incomplete segregation to the extent that delineation of two waste streams is not supported by the AK. An evaluation of pre-WAP RTR data for 529 containers revealed that more than 15 percent of containers identified in the combustible waste stream contained more than 50 percent non-combustible material, and more than 11 percent of containers identified in the non-combustible waste stream contained more than 50 percent combustible material. Consequently, only one waste stream is defined from this population of containers.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: STEVE SCHAFER / _____ Date: 4/11/05
Print Sign

Site Project Manager: Larry Porter / Larry Porter Date: 4/12/05
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220
Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617
Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] E-mail Record

Attn:	RECORDS CUSTODIAN	From:	Patti Schmitt
Ship to:	CCP Central Records	Site:	LANL
	4021 National Parks Hwy	Company:	L&M Technologies
	Carlsbad, NM 88220	Telephone Number:	505-662-1337
	GSA 103	Date Sent:	04/13/05
Telephone Number:	505-234-7254		

Document Number	Title / Description	Record Date	Total Pages
LA-MHD01.001	DR001 AK 6 SOURCE DOCUMENT	04/11/05	3
	N/A		

Comments

N/A

CCP Records Center
Acceptance/Rejection Signature and Date

Records Accepted	[X]	Christal Joyce	Christal Joyce	6-7-05
		Signature	Printed Name	Date
Records Rejected	[ ]			
		Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

TRANSACTION REPORT

P.01

JUN-07-2005 TUE 03:31 PM

FOR: CCP RECORDS 15052347014

SEND DATE START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M# DP
JUN-07 03:31 PM	LANL	17"	1	FAX TX	OK	030

TOTAL : 17S, PAGES: 1

Attachment 2 - CCP Records Transmittal/Receiving Form

Page 1 of 1

CCP Central Records / Records Custodian, 4021 National Parks Highway - MS: GSA 203, Carlsbad, New Mexico 88220

Telephone Number: 505-234-7523, 505-234-7233, 505-234-7617

Fax Number: 505-234-7014

[X] Original Record
[ ] Fax Record
[ ] E-mail Record

Attn:	RECORDS CUSTODIAN	From:	Patti Schmitt
Ship to:	CCP Central Records	Site:	LANL
	4021 National Parks Hwy	Company:	L&M Technologies
	Carlsbad, NM 88220	Telephone Number:	505-662-1337
	GSA 103	Date Sent:	04/13/05
Telephone Number:	505-234-7254		

Document Number	Title / Description	Record Date	Total Pages
LA-MHD01.001	DR001 AK 6 SOURCE DOCUMENT	04/11/05	3
	N/A		

Comments

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR005
Waste Stream Number(s): LA-MHD01.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: __ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	Category: __ C - Correspondence ☐ D - Documents __ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: Acceptable Knowledge Source Document Discrepancy Resolution - Homogeneous Solids in Containers S818280, S818308, S822622, S818309, S832485, S862359, S802994, and S811632	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, N/A, N/A, May 2, 2006	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
WS2, WS6, WS9, WS10, S9	1-2	Based on the AK collected for waste stream LA-MHD01.001 containers; the stream is comprised of greater than 50 percent of heterogeneous inorganic and organic debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any drum may include nearly any percentage of the waste material parameters listed in the report, except that no that no individual drum will contain greater than 50 percent homogeneous solids. RTR identified eight (8) containers [S818280 (LANL-0057-05); S818380 (LANL-0057-05); S822622 (LANL-0058-05); S818309 (LANL-0116-05); S832485 (LANL-0832-05); S862359 (LANL-0729-06); S802994 (LANL-0731-06); and S811632 (LANL-0741-06)] containing greater than 50 percent homogenous solids in this debris waste stream. Because the waste observed by RTR in these containers did not match the Waste Stream Description for heterogeneous waste stream LA-MHD.001, NCRs were assigned to these drums in accordance with CCP-TP-053, Section 4.4.3.H:1 [CCP Standard Teal-time Radiography (RTR) Inspection Procedure]. The Radioactive Solid Waste Disposal (RSWD) forms for the eight containers were obtained and it was confirmed that the A18 (Combustible Trash), A19 (Combined Combustible/non-combustible lab trash), and A61 (Other Non-combustibles) RSWD Codes were specifically assigned to these containers by the LANL generators (D025, D026, M019, M015-M019, M224). Because these eight (8) containers are predominately homogeneous solids (S3000) waste, they will be removed from LA-MHD01.001 pending the development of the AK for an appropriate homogeneous solids stream for TA-55 operations. With the removal of these containers from waste stream LA-MHD01.001, the physical, chemical, and radiological characterization of the remaining containers in the stream are consistent with the waste stream description in CCP-AK-LANL-006.

CCP RECORDS ORIGINAL
DATE REC'D 12/13/2012

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR005

Source Document Data Limitations (if any):

1. No CCP homogeneous solids stream is currently defined for TA-55 operations.

Acceptable Knowlege Expert:

Amy Johns Amy Johns Date: 12/3/2012
Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001 (DR005)

Waste Stream Description: Pu-239 Contaminated Mixed Heterogeneous Debris

AK Documentation Type: ☐TRU Waste Management Program Information ☒Waste Stream Specific Information ☒Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR005

Tracking #	Category*	Title	Document/ Rev#	Author	Date	Publisher	Page #
–	Pub.	LANL Pu-239 Contaminated Mixed Heterogeneous Debris	CCP-AK-LANL-006, Rev. 3	S. Peterman	4/13/06	CCP	12, 50, Att. 2 Table 2-1
	Unpub.	NCR	LANL-0057-05, R0;	C. Lucero	5/16/05	LANL	All
	Unpub.	NCR	LANL-0058-05, R0;	C. Lucero	5/16/05	LANL	All
	Unpub.	NCR	LANL-0116-05, R0;	C. Lucero	8/1/05	LANL	All
	Unpub.	NCR	LANL-0832-05, R0;	C. Lucero	12/20/05	LANL	All
	Unpub.	NCR	LANL-0729-06, R0;	C. Lucero	2/2/06	LANL	All
	Unpub.	NCR	LANL-0731-06, R0;	C. Lucero	2/6/06	LANL	All
	Unpub.	NCR	LANL-0741-06, R0	C. Lucero	2/13/06	LANL	All
D025	Pub.	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239	TWCP-AK-2.1-015	B. Humphrey	4/10/03	LANL	9-16, 54, 55
D026	Pub.	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	TWCP-AK-2.1-019 (TWCP-17136)	C. Smith	3/3/03	LANL	Att. 3 – Pgs. 2, 3
M019 M215 M216 M217 M218 M219 M224	Pub.	Generator Documentation (RSWD/TWSRs)	None	TA-55 Personnel	—	LANL	Containers S818280, S818380, S818308, S822822, S818309, S832485, S862359, S802994, and S811632

127 4/17/07

Nature of Discrepancy:

S818308 187 4/17/07

Based on the AK collected for waste stream LA-MHD01.001 containers; the stream is comprised of greater than 50 percent of heterogeneous inorganic and organic debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any drum may include nearly any percentage of the waste material parameters listed in the report, except that no that no individual drum will contain greater than 50 percent homogeneous solids. RTR identified eight (8) containers [S818280 (LANL-0057-05); S818360 (LANL-0057-05); S822622 (LANL-0058-05); S818309 (LANL-0116-05); S832485 (LANL-0832-05); S862359 (LANL-0729-06); S802994 (LANL-0731-06); and S811632 (LANL-0741-06)] containing greater than 50 percent homogenous solids in this debris waste stream. Because the waste observed by RTR in these containers did not match the Waste Stream Description for heterogeneous waste stream LA-MHD.001, NCRs were assigned to these drums in accordance with CCP-TP-053, Section 4.4.3.H.1 [CCP Standard Teal-time Radiography (RTR) Inspection Procedure].

Resolution:

The Radioactive Solid Waste Disposal (RSWD) forms for the eight containers were obtained and it was confirmed that the A18 (Combustible Trash), A19 (Combined Combustible/non-combustible lab trash), and A61 (Other Non-combustibles) RSWD Codes were specifically assigned to these containers by the LANL generators (D025, D026, M019, M015-M019, M224). Because these eight (8) containers are predominately homogeneous solids (S3000) waste, they will be removed from LA-MHD01.001 pending the development of the AK for an appropriate homogeneous solids stream for TA-55 operations. With the removal of these containers from waste stream LA-MHD01.001, the physical, chemical, and radiological characterization of the remaining containers in the stream are consistent with the waste stream description in CCP-AK-LANL-006.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: Randy Fitzgerald (Print) / (Sign) Date: 5/3/06

Site Project Manager: Michael Gerle (Print) / (Sign) Date: 5/3/06

Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

ATTACHMENT 3
NCR-LANL-0879-06, REV. 1
Page 2 of 24

CCP Nonconformance Report (NCR) COPY

NCR No. NCR – LANL - 0057 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0048
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A Supplier: NA	DRUM #(s): S818280, S818308
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) **Hold Tag Applied?** ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053, Rev.3, 4.4.3 H.1. : "IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005."

(c). **Actual Condition**

RTR examination of these drums revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description (CCP-AK-LANL-006, Rev. 2, p.11).

8. Originator (Print name, sign and date) Charlie Lucero 5.16.05	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 5.16.05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: SPM

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0057 - 05 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

CCP Nonconformance Report (NCR)

COPY

NCR No. NCR - LANL - 0057 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification (**Required for "Use-As-Is" and "Repair"** dispositions, N/A for "Reject" or "Rework" dispositions.)

N/A

(B) Disposition (**Required for "Reject" and "Scrap"**)

Reject drums to host site.

(C) Instructions for Completion of the Final Disposition, Including Inspection Criteria (**Required for "Repair" and "Rework"**)

N/A

(D) Corrective Actions (**Actions to Prevent Recurrence**) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Michael Gerle 5/18/05	Peter Lindahl 5/18/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0058 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0049
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A Supplier: NA	DRUM #(s): S822622
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053, Rev.3, 4.4.3 H.1. : "IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005."

(c). **Actual Condition**

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description (CCP-AK-LANL-006, Rev. 2, p.11).

8. Originator (Print name, sign and date) Charlie Lucero 5.16.05	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 5-16-05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: SPM

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0058 - 05 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0058 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification **(Required for "Use-As-Is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.)**

N/A

(B) Disposition **(Required for "Reject" and "Scrap")**

Reject drum to host site.

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria **(Required for "Repair" and "Rework")**

N/A

(D) Corrective Actions **(Actions to Prevent Recurrence)** - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Michael Gerle	Peter Lindahl 5/15/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0116 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0101
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A Supplier: NA	DRUM #(s): S818309
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) **Hold Tag Applied?** ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.3, 4.4.3 H.1.

(c). **Actual Condition**

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
Charlie Lucero 8/1/05	Steve Ewing 8.2.05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: Steve Ewing

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0116 - 05 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: N/A	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)	
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)	

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0116 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification **(Required for "Use-As-is" and "Repair"** dispositions, N/A for "Reject" or "Rework" dispositions.)
N/A

(B) Disposition **(Required for "Reject" and "Scrap")**
Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria **(Required for "Repair" and "Rework")**
N/A

(D) Corrective Actions **(Actions to Prevent Recurrence)** - as required.
N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Steve Ewing 8-2-05	Pete Lindahl 8/2/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0832 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0224
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S832485

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.3, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 12/20/05	9. SPQAO/FQAO Validation (Print name, sign and date) William Mussman 1-5-06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: K	13. Responsible Manager: Wes Root

COPY

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0832 - 05	Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0832 - 05	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions. N/A for "Reject," "Scrap," or "Rework" dispositions.) N/A	
(b) Disposition Instructions (Required for "Reject" and "Scrap") Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework") N/A	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required. N/A	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign and date) William Mussman 1-5-06	21. SPQAO/FQAO: (Print, sign and date) Peter C. Lindahl 1/5/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
23. Final Disposition Verified – NCR Closed	SPQAO: (Print, sign and date)

COPY

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0729 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0038
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S862359

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogeneous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/2/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.3.06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: K	13. Responsible Manager: ~~Wes Root~~ 2/3/06 M. GERLE

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0729 - 06 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0729 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date)	21. SPQAO/FQAO: (Print, sign and date)
~~Charlie Lucero~~ 2.3.06 STEVE EWING 2.3.06	Peter C. Lindahl Peter C Lindahl 2/3/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0731 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0043
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S802994

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/6/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.8.06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: ~~K~~ L SE 2.8.06	13. Responsible Manager: ~~Wes Root~~ Michael Geis/a SE 2.8.06

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0731 - 06 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0731 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date)	21. SPQAO/FQAO: (Print, sign and date)
Steve Ewing 2.8.06	Peter C. Lindahl 2/8/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0741 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0056
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S811632

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/13/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.14.06
10. Significant Condition? ☐ YES ☒ NO ~~☐ NA~~ SE 2.14.06	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Micheal Gerle

COPY

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0741 - 06	Revision 0
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: N/A	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)	

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Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0741 - 06	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.) N/A	
(b) Disposition Instructions (Required for "Reject" and "Scrap") Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework") N/A	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required. N/A	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign and date) ~~Charlie Lucero~~ SE 2.14.06 Steve Ewing 2.14.06	21. SPQAO/FQAO: (Print, sign and date) Peter C. Lindahl Peter C. Lindahl 2/14/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
23. Final Disposition Verified – NCR Closed	SPQAO: (Print, sign and date)

COPY

To: "Kevin J. Peters" <kpeters44@comcast.net>
From: James R Fitzgerald <randy_fitz@lanl.gov >
Subject: Re: Notification of the Removal of Eight (8) Containers from Waste Stream LA-MHD01.001
Cc: gerlem@lanl.gov, gfussell@lanl.gov
Bcc:
Attached:

Kevin,

An AK WMC Hold Flag has been placed on the AKTSS for these eight (8) containers.

Randy Fitzgerald, AKE
NWIS-TA54E/CCP
Technical Specialists
TA-54-533, Room 1017
505-667-3074 office
505-231-7582 cell
505-667-9710 fax

At 12:43 PM 5/3/2006, you wrote:

> Randy,
>
> As you are aware predominantly homogeneous solids containers S818260, S818380, S822622, S818309, S832485, S862359, S802994, and S811632 have been removed from debris Waste Stream LA-MHD01.001 per DR005 and the associated re-evaluation performed for these containers. This email was sent to notify you that a revision to Attachment 8 for this waste stream has been submitted to CCP records reflecting this change and the appropriate changes should be made for these containers in the AK Tracking Spreadsheet for this waste stream.
>
> Kevin J. Peters
> Technical Specialists
> (303)949-7525

Attachment 10 - Acceptable Knowledge Re-evaluation Checklist

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MHD-01.001
Waste Stream Description: Pu-239 Contaminated Mixed Heterogeneous Debris
NCR numbers(s) if applicable: LANL-0057-05, R0; LANL-0058, R0; LANL-0116-05, R0; LANL-0832-05, R0; LANL-0729-06, R0; LANL-0731-06, R0; and LANL-741-06, R0.
Inconsistency between waste characterization and acceptable knowledge information (describe): Contents of the containers did not match the Waste Stream Description. During RTR confirmation, the contents of these containers were identified to be predominantly homogeneous solid waste, instead of being predominately debris waste.

Requirements	Completed? Yes/No	Supporting Documentation [a]
Review existing information based on the container identification number and document all differences in EPA hazardous waste number assignments. [c]	YES	RSWDs for containers S818280, S818308, S822622, S818309,S832485, S862359, S802994, S811632 and Discrepancy Report DR005.
If differences exist in the EPA hazardous waste numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	N/A	RSWDs for containers S818280, S818308, S822622, S818309,S832485, S862359, S802994, S811632 and Discrepancy Report DR005.
Reassess and document all sampling and analytical data associated with the waste. [c]	N/A	Discrepancy Report DR005.
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	N/A	Discrepancy Report DR005.
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and confirmation information associated with the new information. [c]	N/A	Not an NDA related discrepancy.
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	YES	Discrepancy Report DR005 and Revised Attachment 8. Freeze file changes submitted for AK Report (CCP-AK-LANL-006), Att. 1, and Att. 4 to include DR005 to be incorporated during the next revision.
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA hazardous waste numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	YES	NCRs: LANL-0057-05, R0; LANL-0058-05, R0; LANL-0116-05, R0; LANL-0832-05, R0; LANL-0729-06, R0; LANL-0731-06, R0; LANL-0741-06, R0; and Discrepancy Report DR005

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. Ensure that if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

Randy Fitzgerald _____ Date: 5/3/06
Print Sign

Site Project Manager:

Michael Gerle _____ Date: 5/3/06
Print Sign

Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution

Waste Stream Number(s): LA-MHD01.001 (DR005)

Waste Stream Description: Pu-239 Contaminated Mixed Heterogeneous Debris

AK Documentation Type: ☐TRU Waste Management Program Information ☒Waste Stream Specific Information ☒Supplemental Information

AK Source Document Discrepancy Form Tracking Number: DR005

Tracking #	Category[a]	Title	Document/ Rev#	Author	Date	Publisher	Page #
--	Pub.	LANL Pu-239 Contaminated Mixed Heterogeneous Debris	CCP-AK-LANL-006, Rev. 3	S. Peterman	4/13/06	CCP	12, 50, Att. 2 Table 2-1
	Unpub.	NCR	LANL-0057-05, R0;	C. Lucero	5/16/05	LANL	All
	Unpub.	NCR	LANL-0058-05, R0;	C. Lucero	5/16/05	LANL	All
	Unpub.	NCR	LANL-0116-05, R0;	C. Lucero	8/1/05	LANL	All
	Unpub.	NCR	LANL-0832-05, R0;	C. Lucero	12/20/05	LANL	All
	Unpub.	NCR	LANL-0729-06, R0;	C. Lucero	2/2/06	LANL	All
	Unpub.	NCR	LANL-0731-06, R0;	C. Lucero	2/6/06	LANL	All
	Unpub.	NCR	LANL-0741-06, R0	C. Lucero	2/13/06	LANL	All
D025	Pub.	Acceptable Knowledge Report for Debris Waste Streams Containing Pu-239	TWCP-AK-2.1-015	B. Humphrey	4/10/03	LANL	9-16, 54, 55
D026	Pub.	Acceptable Knowledge Information Summary for LANL Transuranic Waste Streams	TWCP-AK-2.1-019 (TWCP-17136)	C. Smith	3/3/03	LANL	Att. 3 – Pgs. 2, 3
M019 M215 M216 M217 M218 M219 M224	Pub.	Generator Documentation (RSWD/TWSRs)	None	TA-55 Personnel	-----	LANL	Containers S818280, S818380, S822622, S818309, S832485, S862359, S802994, and S811632

Nature of Discrepancy:

Based on the AK collected for waste stream LA-MHD01.001 containers; the stream is comprised of greater than 50 percent of heterogeneous inorganic and organic debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any drum may include nearly any percentage of the waste material parameters listed in the report, except that no that no individual drum will contain greater than 50 percent homogeneous solids. RTR identified eight (8) containers [S818280 (LANL-0057-05); S818380 (LANL-0057-05); S822622 (LANL-0058-05); S818309 (LANL-0116-05); S832485 (LANL-0832-05); S862359 (LANL-0729-06); S802994 (LANL-0731-06); and S811632 (LANL-0741-06)] containing greater than 50 percent homogenous solids in this debris waste stream. Because the waste observed by RTR in these containers did not match the Waste Stream Description for heterogeneous waste stream LA-MHD.001, NCRs were assigned to these drums in accordance with CCP-TP-053, Section 4.4.3.H.1 [CCP Standard Teal-time Radiography (RTR) Inspection Procedure].

Resolution:

The Radioactive Solid Waste Disposal (RSWD) forms for the eight containers were obtained and it was confirmed that the A18 (Combustible Trash), A19 (Combined Combustible/non-combustible lab trash), and A61 (Other Non-combustibles) RSWD Codes were specifically assigned to these containers by the LANL generators (D025, D026, M019, M015-M019, M224). Because these eight (8) containers are predominately homogeneous solids (S3000) waste, they will be removed from LA-MHD01.001 pending the development of the AK for an appropriate homogeneous solids stream for TA-55 operations. With the removal of these containers from waste stream LA-MHD01.001, the physical, chemical, and radiological characterization of the remaining containers in the stream are consistent with the waste stream description in CCP-AK-LANL-006.

Discrepancy Resolved: ☒ Yes ☐ No

Acceptable Knowledge Expert: Randy Fitzgerald / _____ Date: 5/3/06
Print Sign

Site Project Manager: Michael Gerle / _____ Date: 5/3/06
Print Sign

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

CCP Nonconformance Report (NCR) COPY

NCR No. NCR – LANL - 0057 – 05 Revision 0		
1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0048
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A Supplier: NA	DRUM #(s): S818280, S818308
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053, Rev.3, 4.4.3 H.1. : "IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005."

(c). **Actual Condition**

RTR examination of these drums revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description (CCP-AK-LANL-006, Rev. 2, p.11).

8. Originator (Print name, sign and date)	9. SPQAO/FQAO Validation (Print name, sign and date)
Charlie Lucero 5.16.05	Steve Ewing 5-16-05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: SDM

CCP Nonconformance Report (NCR)

COPY

NCR No. NCR - LANL - 0057 - 05 Revision 0
INTERIM DISPOSITION
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: N/A

INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

CCP Nonconformance Report (NCR)

COPY

NCR No. NCR - LANL - 0057 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification **(Required for "Use-As-Is" and "Repair"** dispositions, N/A for "Reject" or "Rework" dispositions.)

N/A

(B) Disposition **(Required for "Reject" and "Scrap")**

Reject drums to host site.

(C) Instructions for Completion of the Final Disposition, Including Inspection Criteria **(Required for "Repair" and "Rework")**

N/A

(D) Corrective Actions **(Actions to Prevent Recurrence)** - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Michael Gerle Michael Gerle Date 5/18/05	Peter Lindahl Peter L. Lindahl 5/18/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0058 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0049
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A Supplier: NA	DRUM #(s): S822622
6. E-QA NCR #: N/A		

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

CCP-TP-053, Rev.3, 4.4.3 H.1. : "IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005."

(c). **Actual Condition**

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description (CCP-AK-LANL-006, Rev. 2, p.11).

8. Originator (Print name. sign and date) Charlie Lucero 5.16.05	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 5-16-05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: SPM

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0058 - 05 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0058 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)

☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification **(Required for "Use-As-Is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.)**

N/A

(B) Disposition **(Required for "Reject" and "Scrap")**

Reject drum to host site.

(C) Instructions for Completion of the Final Disposition, *including Inspection Criteria* **(Required for "Repair" and "Rework")**

N/A

(D) Corrective Actions **(Actions to Prevent Recurrence)** - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Michael Gerle	Peter Lindahl 5/18/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0116 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0101
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A	DRUM #(s): S818309
6. E-QA NCR #: N/A	Supplier: NA	

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

N/A

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☐ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☑ Other

(b) **Description of Nonconformance**
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.3, 4.4.3 H.1.

(c). **Actual Condition**

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. Originator (Print name, sign and date) Charlie Lucero 8/1/05	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 8.2.05
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs)
12. Trend Code: K	13. Responsible Manager: Steve Ewing

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0116 - 05 Revision 0
INTERIM DISPOSITION
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: N/A

INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)
18. Interim Disposition Verified **SPQAO/FQAO:** (Print, sign and date.)

COPY

CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0116 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(A) Technical Justification (**Required for "Use-As-Is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.**)
N/A

(B) Disposition (**Required for "Reject" and "Scrap"**)
Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria (**Required for "Repair" and "Rework"**)
N/A

(D) Corrective Actions (**Actions to Prevent Recurrence**) - as required.
N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual (Print, sign and date.)	21. SPQAO/FQAO (Print, sign and date.)
Steve Ewing 8.2.05	Pete Lindahl 8/2/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

23. Final Disposition Verified **SPQAO/FQAO** (Print, sign and date.)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0832 – 05 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-05-0224
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S832485

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.3, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 12/20/05	9. SPQAO/FQAO Validation (Print name, sign and date) William Mussman 1-5-06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: K	13. Responsible Manager: Wes Root

COPY

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0832 - 05 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: N/A	
INTERIM DISPOSITION APPROVALS	
15. Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)	

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0832 - 05 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date)	21. SPQAO/FQAO: (Print, sign and date)
William Mussman 1-5-06	Peter C. Lindahl 1/5/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

COPY

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0729 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0038
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S862359

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogeneous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/2/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.3.06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: K	13. Responsible Manager: ~~Wes Root~~ 2/3/06 M. GERLE

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0729 - 06 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0729 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7.c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date) ~~Charlie Lucero~~ 2.3.06 STEVE EWING 2.3.06	21. SPQAO/FQAO: (Print, sign and date) Peter C. Lindahl 2/3/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0731 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0043
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S802994

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/6/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.8.06
10. Significant Condition? ☐ YES ☐ NO ☑ NA	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: ~~K~~ L SE 2.8.06	13. Responsible Manager: ~~Wes Root~~ Michael Gerle SE 2.8.06

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0731 - 06 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0731 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-Is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date) Steve Ewing	21. SPQAO/FQAO: (Print, sign and date) Peter C. Lindahl
2.8.06	2/8/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR – LANL - 0741 – 06 Revision 0

1. Lot No./Heat No. or Serial No.: N/A	2. Process (NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-06-0056
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO #: N/A 6. Supplier: NA	Container#(s): S811632

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☑ YES ☐ NO (If NO, explain) N/A Segregation Method(s): ☐ NA

☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ TRAMPAC Criteria ☐ Receiving Inspection ☑ Other

(b) Description of Nonconformance
Required Condition (Implementing Procedure, Section & Revision)

"IF the waste form does NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate a NCR in accordance with CCP-QP-005." CCP-TP-053, Rev.4, 4.4.3 H.1.

(c). Actual Condition

RTR examination of this drum revealed the contents were >50 percent homogenous solids. This condition does not match the Waste Stream Description.

8. NCR Originator (Print name, sign and date) Charlie Lucero 2/13/06	9. SPQAO/FQAO Validation (Print name, sign and date) Steve Ewing 2.14.06
10. Significant Condition? ☐ YES ☒ NO ~~☑ NA~~ FR 2.14.06	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Micheal Gerle

COPY

Attachment 1 – CCP Nonconformance Report (NCR)	
NCR No. NCR - LANL - 0741 - 06	Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☑ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use
☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

N/A

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign and date)	16. SPQAO/FQAO (Print, sign and date)
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR - LANL - 0741 - 06 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As Is ☑ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject," "Scrap," or "Rework" dispositions.)

N/A

(b) Disposition Instructions (Required for "Reject" and "Scrap")

Return drum(s) to LANL for correction of nonconforming Actual Condition as identified in Block 7 c.

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A

(d) Corrective Actions (Actions to Prevent Recurrence) - as required.

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign and date)	21. SPQAO/FQAO: (Print, sign and date)
~~Charlie Lucero~~ 2.14.06 Steve Ewing 2.14.06	Peter C. Lindahl 2/14/2006
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date)

23. Final Disposition Verified – NCR Closed SPQAO: (Print, sign and date)

COPY

To: "Kevin J. Peters" <kpeters44@comcast.net>
From: James R Fitzgerald <randy_fitz@lanl.gov >
Subject: Re: Notification of the Removal of Eight (8) Containers from Waste Stream LA-MHD01.001
Cc: gerlem@lanl.gov, gfussell@lanl.gov
Bcc:
Attached:

Kevin,

An AK WMC Hold Flag has been placed on the AKTSS for these eight (8) containers.

Randy Fitzgerald, AKE
NWIS-TA54E/CCP
Technical Specialists
TA-54-533, Room 1017
505-667-3074 office
505-231-7582 cell
505-667-9710 fax

At 12:43 PM 5/3/2006, you wrote:

> Randy,
>
> As you are aware predominantly homogeneous solids containers S818260, S818380, S822622, S818309, S832485, S862359, S802994, and S811632 have been removed from debris Waste Stream LA-MHD01.001 per DR005 and the associated re-evaluation performed for these containers. This email was sent to notify you that a revision to Attachment 8 for this waste stream has been submitted to CCP records reflecting this change and the appropriate changes should be made for these containers in the AK Tracking Spreadsheet for this waste stream.
>
> Kevin J. Peters
> Technical Specialists
> (303)949-7525

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR007
Waste Stream Number(s): LA-MSG04.001 (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	*Category:* ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]: *Removal of One (1) Debris Container from Soil Waste Stream LA-MSG04.001*	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 06/07/2012, P2010-3259	

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, WS1, WS9, S9	Throughout	Based on the AK collected for waste stream LA-MSG04.001 containers, the waste stream is comprised of at least 50 percent, but no greater than 95 percent, by volume of soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Although the waste stream, as a whole, is comprised of more than 50 to 95 percent soil, any container may include nearly any percentage of the waste material parameters listed in section 6.4.1.2 of the AK report, however, any payload container consisting of more than 50 percent by volume of debris will be excluded from this waste stream. RTR identified one container with greater than 50 percent by volume of debris waste in waste stream LA-MSG04.001. Resolution: Container no 89794 has been removed from waste stream LA-MSG04.001. With the removal of this container from waste stream LA-MSG04.001, the physical, chemical and radiological characterization of the remaining containers in the waste stream is consistent with waste stream description in CCP-AK-LANL-010.

CCP RECORDS ORIGINAL
DATE REC'D 7/19/12

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR007
Source Document Data Limitations (if any): 1. None.	
Acceptable Knowlege Expert: Amy Johns / Amy Johns Date: 10/25/2012 Print /Sign	

a Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
b Obtain from Acceptable Knowledge Documentation Checklist
c For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

P2010 - 3259
Page 1 of 2

Waste Stream Number(s): LA-MSG04.001 (CCP-AK-LANL-010)
Waste Stream Description: Contaminated Soil

AK Source Document Discrepancy Form Tracking Number: DR007 – Removal of one (1) debris container from soil waste stream LA-MSG04.001

Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
	Pub.	CCP AK Summary Report for LANL TA-21 DP West Facility	CCP-AK-LANL-010, Rev. 5	M. Ramirez	5/04/2012	CCP	98 - 109
	Unpub.	CCP Non-Conformance Report	NCR-LANL-3967-11, Rev. 0	E. Lyles	11/29/2011	CCP	ALL
	Unpub	RTR Data Sheets for Container No. 89794	LA-HERTR-11-0003	E. Lyles	11/29/2011	CCP	10 - 12
M219	Unpub.	RSWD for Container No. S843289 (parent to container no. 89794)	RSWD S843289	C. Blackwell	4/23/1980	LANL	ALL

Nature of Discrepancy:

Based on the AK collected for waste stream LA-MSG04.001 containers, the waste stream is comprised of at least 50 percent, but no greater than 95 percent, by volume of soil, sand, silt, or rock and gravel, with rock and gravel volumes totaling less than 50 percent of the matrix and the balance of the matrix being debris. Although the waste stream, as a whole, is comprised of more than 50 to 95 percent soil, any container may include nearly any percentage of the waste material parameters listed in Section 6.4.1.2 of the AK Report, however, any payload container consisting of more than 50 percent by volume of debris will be excluded from this waste stream

RTR identified one (1) container with greater than 50 percent by volume of debris waste in soil waste stream LA-MSG04.001. Because the waste observed by RTR in this container did **not** match the Waste Matrix Code and the Waste Stream Description for Waste Stream LA-MSG04.001, an NCR was written for this container in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure.

Resolution:

[Container no. 89794 has been removed from waste stream LA-MSG04.001]

Container No. S843289 (parent to container no. 89794) was assigned to waste stream LA-MSG04.001 because the Radioactive Solid Waste Form (RSWD), Block 5, Waste Code is A90 – Radioactive Contaminated Soil [RSWD attached]. Since RTR has determined that the waste in this container is greater than 50 percent debris material, container no. 89794 will be removed from waste stream LA-MSG04.001 (soil) and re-assigned to the LA-MHD04.001 (debris).

With the removal of this container from waste stream LA-MSG04 (contaminated soil), the physical, chemical, and radiological characterization of the remaining containers in the waste stream is consistent with the waste stream description in CCP-AK-LANL-10.

Discrepancy Resolved: [X] Yes[ ] No

Acceptable Knowledge Expert: Randy Fitzgerald / _____ Date: 6/7/2012
Print Sign

Site Project Manager: Terri Ann Groover / _____ Date: 6/7/2012
Print Sign

[a]Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist

P2010 - 3259
Page 1 of 2

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MSG04.001 (CCP-AK-LANL-010)
Waste Stream Description: Contaminated Soil
NCR numbers(s) if applicable: NCR-LANL-3967-11, Rev. 0
Inconsistency between waste characterization and acceptable knowledge information (describe): RTR identified one (1) container with greater than 50 percent heterogeneous debris material in this contaminated soil waste stream. Because the waste observed by RTR in this container did **not** match the Waste Matrix Code and the Waste Stream Description for Waste Stream LA-MHD01.001 (heterogeneous debris), an NCR was written for this container in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure. [DR007 – Removal of one (1) debris container from contaminated soil waste stream LA-MSG04.001.

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	No	EPA HWNs not discrepant. Container not re-assigned at this time. See DR007.
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	No	EPA HWNs not discrepant. Container not re-assigned at this time. See DR007
Reassess and document all sampling and analytical data associated with the waste. [c]	No	Container not re-assigned at this time. See DR007. Container documentation attached, i.e., RSWD for parent container no. S843289; and RTR Data Sheets for container no. 89794.
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	No.	Container not re-assigned at this time. See DR007. Parent container S843289 was assigned to LA-MSG04.001, which is assigned a waste matrix code of S4200. RTR identified the waste in this container as greater than 50% debris waste, which is not consistent with waste matrix code S4200. Container no. 89794 will be removed from waste stream LA-MSG04.001, and will be re-assigned to the debris waste stream LA-MHD04.001.
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	No	N/A – Radionuclides are not discrepant. Container not re-assigned at this time. See DR007.
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	Container not re-assigned at this time. See DR007. Container no. 89794 will be removed from the LANL AK6 Attachment 8, Waste Containers List for waste stream LA-MSG04.001.
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	Yes	No unresolved discrepancies. Container not re-assigned at this time. See DR007.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. *Not applicable for LANL sealed source waste stream.*

Acceptable Knowledge Expert:

Randy Fitzgerald — **Print**

Sign

Date: 6/7/2012

Site Project Manager:

Terri Groover — **Print**

Sign

Date: 6/7/2012

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No.NCR-LANL-3967-11		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-HERTR-11-0003
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 89794
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs

☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
CCP-TP-053, Stanard Real Time Radiography (RTR) Inspection Procedure, Rev. 11, Section 4.4.2 [H.2] states in part "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate a NCR..."

7. (c) Actual Condition
Container(s) are currently assigned to Waste Stream LA-MSG04.001. Waste appears to be greater than 50% Debris; therefore, the waste does not match the waste stream description or the waste matrix code.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Eric Lyles 11/29/11	ANTONIO D. CHAVARRIA 12/20/2011

9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☒ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR)	11. Recurring Condition? ☐ YES ☒ NO (If YES, List NCRs/CARs)
☐ YES ☒ NO	
12. Trend Code: L	13. Responsible Manager: Veronica Waldram

BEST AVAILABLE
06/25/12

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No.NCR-LANL-3967-11 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: 1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005. 2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR. 3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.	
INTERIM DISPOSITION APPROVALS	
15. Responsible Manager/Individual (Print, sign, and date) Veronica Waldram Veronica Waldram 12/20/11	16. CCP QA Engineer or Designee (Print, sign and date) Laura R. Jones Laura Romero-Jones 12/20/2011
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

BEST AVAILABLE
06/28/12

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No.NCR-LANL-3967-11 Revision 0	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, N/A for Reject, Scrap, or Rework dispositions.)	
(b) Disposition Instructions (Required for Reject and Scrap, N/A for Use-As-Is, Rework, and Repair)	
(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for Repair and Rework, N/A for Use-As-Is, Reject and Scrap)	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required, N/A if left blank.	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-11-0003
Examination Date:	11/29/11
Waste Container ID:	89794
Video/Audio Recorded Media Number:	LA-HERTR-11-0003 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-3967-11 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	SWB
TRUCON Code:	SQ211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt: 506.0 kg. Tare Wt: 290.0 kg. Net Wt: 216.0 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	No Liner
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	85 %

BEST AVAILABLE
09/12/12

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 89794

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal pipes, metal banding, electrical equipment
Light bulbs
Coveralls, wood
Plastic bags, plastic cap

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	290.0
Plastics (PP):	0.0
Others:	0.0
Total Packaging Weight:	290.0
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	192.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	15.0
Rubber (R):	
Plastics (waste materials) (XPM):	8.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	216.0

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06/28/12

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 89794

[redacted]	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑	☐
[redacted]		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: NCR-LANL-3967-11: does not match waste stream description or waste matrix code. waste on Ak's assigned S4200. waste appears to be S5400. EC 1/4/12

RTR Operator:

Eric Lyles	[signature]	11/29/11
Print Name	Signature	Date 1/4/12

BEST AVAILABLE
CD 4/28/12

PLEASE READ INSTRUCTIONS ON BACK CAREFULLY

H-7 Waste Management
Ext 6095 MS-592

1/28 ✓

LASL RADIOACTIVE SOLID WASTE DISPOSAL RECORD FORM

RD-22

1. FORM NUMBER: 8 8 3283

2. DATE: 04 23 80

3. RETRIEVABLE SERIAL NO.: 003572

4. ORIGIN OF WASTE: GROUP: CMB-11 | TA: 21 | BLDG.: 2 | WING: | ROOM: 213

5. WASTE CODE: A90

6. WASTE DESCRIPTION: Soil, Insulation and pipe From 213 Tunnel

7. NUMBERS OF WASTE PACKAGES

PLASTIC BAGS	CARD-BOARD BOXES	DRUMS NO.	DRUMS GAL.	WOODEN CRATES NO.	WOODEN CRATES VOLUME - ft³
				1	5&90

8. GROSS VOLUME: 5&90 F (M = METER³, F = FEET³, G = GALLON)

9. PACKAGE RADIATION AT:

SURFACE MR/HR	1 METER MR/HR

10. GROSS WEIGHT: 0987 T (K = KILOGRAM, P = POUND, T = TON)

11. ADDITIONAL DESCRIPTION OF PACKAGING AND PACKAGING MATERIALS:

12. RADIONUCLIDE CONTENT

NUCLIDE	AMOUNT	±	UNITS (C = CURIE, M = GRAM)	ERROR ON AMOUNT	±	AMOUNT DETERMINED BY: (A = ANALYSIS, M = MEASUREMENT, E = ESTIMATE)
Pu-239	199.16	E +1	M		E	M
		E			E	
		E			E	
		E			E	

SS MATERIALS WRITEOFF: ACCOUNT | PROJECT CODE

WASTE GENERATOR — Signature certifies that waste is in accordance with all applicable disposal requirements.

C Blackwell — H-1 AREA REPRESENTATIVE — Signature certifies that waste package or shipment is safe to handle and transport.

GROUP LEADER (AS NECESSARY)

13. DATE DISPOSED: 01 27 81

14. DISPOSAL/STORAGE LOCATION: AREA: G | SHAFT: | PIT: P1/3 | POST(S): | LAYER: | TOP:

15. SHAFT SURFACE DOSE: MR/HR:

10-79

H-7 WASTE MANAGEMENT REPRESENTATIVE

BEST AVAILABLE

CD 4/28/12

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR029
Waste Stream Number(s): LA-MHD01.001	
Acceptable Knowledge Documentation Type: ☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title of Source Document: Discrepancy Resolution - Drum No. 86309 Contained a Small Lighter Fluid Can with 65 mL of liquid	
Source Document Reference Information (author(s), document and revision number, date, publisher): Randy Fitzgerald, NA, Rev. NA, 08/23/2011	

AK # [a]	Source Doc. Page # [b]	AK Information Summary
PR8, WS9	Throughout	Based on the AK collected for waste stream LA-MHD01.001 containers, small, lighter fluid cans with some liquid were not expected to be in the waste stream and were not identified in the Sec. 5.4.5, Prohibited Items of the AK Summary Report (CCP-LANL AK-006). RTR identified one (1) drum, i.e., 86309, that contained a small, metal can with approximately 65 mL of liquid (Per C. Farquhar, RTR Operator, this metal can was a lighter fluid can, approximately 2 in. wide X 4 in. height X 1 "thick). [Drum No. 86309 was originally packaged in parent drum No. S832234 on 1/13/1983 - RSWD attached). Because the small, lighter fluid can with liquid was not identified in the Sec. 5.4.5. Prohibited Items, an NCR, i.e. NCR-LANL-0666-10, R.0, was written for this drum in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure. Resolution: [Process Drum No. 86309 through remediation and remove lighter fluid can with liquid.] Drum No. 86309 will be remediated and the small, lighter fluid can with liquid will be removed. In addition, CCP-AK-LANL-006, Sec. 5.4.5. Prohibited Items, be revised to include " ... small, lighter fluid cans with observable liquid .... " (or similar language).

CCP RECORDS ORIGINAL
DATE REC'D 9-1-11

Attachment 3 - Acceptable Knowledge Source Document Summary (continued)

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR029
Source Document Data Limitations (if any): 1. None.	
Acceptable Knowlege Expert: Amy Johns / Amy Johns Date: 8/29/2011 Print /Sign	
[a] Obtain from Acceptable Knowledge Documentation Checklist [b] For microfilm or microfiche, identify box, tape, reel number and location.	

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution **P2010 - 3145**

Waste Stream Number(s): LA-MHD01.001 (AK6)

Waste Stream Description: Heterogeneous debris

AK Documentation Type: [X] TRU Waste Management Program Information [X] Waste Stream Specific Information [X] Additional Information							
AK Source Document Discrepancy Form Tracking Number: DR029 - Drum No. 86309 Contained a Small Lighter Fluid Can with 65 mL of liquid							
Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
-------	Pub.	CCP AK Summary Report for LANL TA-55	CCP-AK-LANL-006, Rev. 10	L. Porter	5/04/2010	CCP	67 - 97
-------	Unpub.	CCP Non-Conformance Report	NCR-LANL-0666-10, R.0	P. Dillard	7/1/2010	CCP	All
-------	Unpub.	RTR Data Sheets for Drum No. 86309	LA-RTR2-10-0079, R.0	P. Dillard	6/16/2010	CCP	30 - 32
M224	Unpub.	Radioactive Solid Waste Disposal (RSWD) form for Drum No. S832234 (Parent drum to Drum No. 86309)	N/A	R.Kissane	12/14/1989	LANL	All

Nature of Discrepancy:

Based on the AK collected for waste stream LA-MHD01.001 containers, small, lighter fluid cans with some liquid were not expected to be in the waste stream and were not identified in the Sec. 5.4.5, Prohibited Items of the AK Summary Report (CCP-LANL AK-006).

RTR identified one (1) drum, *i.e.*, 86309, that contained a small, metal can with approximately 65 mL of liquid (Per C. Farquhar, RTR Operator, this metal can was a lighter fluid can, approximately 2 in. wide X 4 in. height X 1 " thick). [Drum No. 86309 was originally packaged in parent drum No. S832234 on 1/13/1983 – RSWD attached). Because the small, lighter fluid can with liquid was not identified in the Sec. 5.4.5. Prohibited Items, an NCR, *i.e.* NCR-LANL-0666-10, R.0, was written for this drum in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure.

Resolution:

[Process Drum No. 86309 through remediation and remove lighter fluid can with liquid.]

Drum No. 86309 will be remediated and the small, lighter fluid can with liquid will be removed. In addition, CCP-AK-LANL-006, Sec. 5.4.5. Prohibited Items, be revised to include "...small, lighter fluid cans with observable liquid...." (or similar language)

Discrepancy Resolved: [X] Yes [ ] No

Acceptable Knowledge Expert: Randy Fitzgerald (Print) / (Sign) Date: 8/23/2011

Site Project Manager: Sue Peterman (Print) / (Sign) Date: 8/23/2011

[a] Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.); or Discrepancy (Disc.)

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist

P2010 - 3145

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MHD01.001 (AK10)
Waste Stream Description: Heterogeneous Debris
NCR numbers(s) if applicable: NCR-LANL-0666-10, R0
Inconsistency between waste characterization and acceptable knowledge information (describe): RTR identified one (1) drum, *i.e.*, 86309, that contained a small, metal can with approximately 65 mL of liquid (Per C. Farquhar, RTR Operator, this metal can was a lighter fluid can, approximately 2 in. wide X 4 in. height X 1 " thick). [Drum No. 86309 was originally packaged in parent drum No. S832234 on 1/13/1983 – RSWD attached). Because the small, lighter fluid can with liquid was not identified in the Sec. 5.4.5. Prohibited Items, an NCR, *i.e.* NCR-LANL-0666-10, R.0, was written for this drum in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure].

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	No	Drum will be remediated, but not re-assigned. See AK6 DR029.
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	No	Drum will be remediated, but not re-assigned. See AK6 DR029.
Reassess and document all sampling and analytical data associated with the waste. [c]	Yes	RTR Data Sheets for Drum No. 86309. TWSR for Drum No. S832234 (parent drum to Drum No. 86309). Drum will be remediated, but not re-assigned. See AK6 DR029.
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	No	Drum will be remediated, but not re-assigned. See AK6 DR029.
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	No	N/A – Radionuclides are not discrepant.
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	No changes to AK records required. CCP-AK-LANL-006, Sec. 5.5., Prohibited Items, will be revised to include "....lighter fluid cans with observable liquids...." (or similar language). Drum will be remediated, but not re-assigned. See AK6 DR029.
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	Yes	No unresolved discrepancies. Drum will be remediated, but not re-assigned. See AK6 DR029.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

Randy Fitzgerald _____ Date: 8/23/2011
Print Sign

Site Project Manager:

Sue Peterman _____ Date: 8/23/2011
Print Sign

P-TS/CTS 7/15/10 C.T.

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL- 0666 -10 Revision 0

1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report # (s): LA-RTR2-10-0079
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 86309
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) CCP HOLD TAGS SHALL BE APPLIED UNLESS JUSTIFIED AS FOLLOWS:
N/A

7. (b) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs
☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS ☑ Other

7. (c) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):

CCP-TP-053, Revision 8:
4.4.3 [H.2] IF the waste form DOES NOT match the Waste Stream description and/or the Waste Matrix Code, THEN initiate an NCR in accordance with CCP-QP-005, AND record NCR number in Section 1 of Attachment 2."

7. (d) Actual Condition

65 ML. of possible Flammable liquid in metal container at 23 inches

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Philip Dillard 7/1/10	Carol Torres 7/15/10

9a. Does this NCR have the potential to impact AK? ☑ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO ☐ N/A

10. Significant Condition? C.T. ☐ YES ☒ NO ☑ N/A 7/15/10	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: 7/16 JE TENORIO

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL- 0666 -10 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☐ N/A (See Final Disposition) ☑ Hold ☐ Conditional Accept ☐ Conditional Use

☐ Sort ☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

1. Responsible Manager send this NCR to the AK Expert for re-evaluation in accordance with CCP-TP-005.

2. AK Expert perform the AK re-evaluation and include a copy of documented results as an attachment to this NCR.

3. Determine Final Disposition (block 19) based on these results.

AKE RESPONSE: SEE ATTACHED AK DISCREPANCY REPORT AND AK RE-EVALUATION. 1R7 8/23/2011

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual (Print, sign, and date)	16. CCP QA Engineer or Designee (Print, sign and date)
C.A. STEPZIANSKI 7/15/10	Carol Torres 7/15/10
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL- 0666 -10 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check One)
☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap

(a) Technical Justification (Required for Use-As-Is and Repair dispositions, N/A for Reject, Scrap, or Rework dispositions.)

(b) Disposition Instructions (Required for Reject and Scrap, N/A for Use-As-Is, Rework, and Repair)

(c) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for Repair and Rework, N/A for Use-As-Is, Reject and Scrap)

(d) Corrective Actions (Actions to Prevent Recurrence) - as required, N/A if left blank.

FINAL DISPOSITION APPROVALS

20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)

23. Attachments:

24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐
(b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐

25. Final Disposition Verified – NCR Closed _ CCP QA Engineer: (Print, sign, and date)

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-10-0079
Examination Date:	7/1/2010
Waste Container ID:	86309
Video/Audio Recorded Media Number:	LA-RTR2-10-0079 A
Procedure and Revision No.:	CCP-TP-053 Rev. 8
NCR(s) associated with the container? (e.g., Prohibited Items)	☐NO ☑ YES NCR No.: NCR-LANL-0666-10 NCR No.: NCR-LANL-0667-10

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code	LA525
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 81.6 kg. Tare Wt: 31.4 kg. Net Wt: 50.2 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	Fiberboard Liner - No Liner Lid
Number of Layers of Confinement:	Appears to be 3 layers
Volume Utilization Percentage:	90 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86309

Section 3: Container Inventory and Comments (Detailed descriptions)
Open 30 gallon drum w/material, metal lids, crushed metal cans, hand tools, scrap metal, electrical equipment, electric motor, 30 gallon drum lid, metal tubing, metal cans w/material Absorbent Cloth material Rubber gasket material. Plastic bags, horsetails, electrical cords 65 ML. of possible Flammable liquid in metal container at 23 inches

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.0
Others: Fiberboard Liner	3.7
Total Packaging Weight:	31.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	39.7
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	3.0
Rubber (R):	0.5
Plastics (waste materials) (XPM):	5.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	50.2

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86309

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments Block.)	Yes	No	N/A
Is there observable liquid in the container?	☑	☐	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☑	☐	☐
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐	☑	☐
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑	
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑	
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑	
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑	
Is there an indication of wastes containing explosives or compressed gases?	☐	☑	
Is there an indication of polychlorinated biphenyls (PCBs) liquids?	☐	☑	
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑	
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑	☐	
TRUPACT II Criteria			
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste?	☐	☑	
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑	
Are there sealed containers GREATER than 4 liters?	☐	☑	
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑	

Comments:
NCR-LANL-0666-10: 65 ML. of possible Flammable liquid in metal container at 23 inches
NCR-LANL-0667-10: 65 ML. of possible Flammable liquid in metal container at 23 inches

RTR Operator:

Philip Dillard		7/9/10
Print Name	Signature	Date

PLEASE READ INSTRUCTIONS ON BACK CAREFULLY

LOS ALAMOS RADIOACTIVE SOLID WASTE DISPOSAL RECORD FORM

H-7 Waste Management
Ext 6095 MS J592

1. FORM NUMBER	2. DATE (M M D D Y Y)	3. RETRIEVABLE SERIAL NO.	4. ORIGIN OF WASTE: GROUP	TA	BLDG.	WING	ROOM	5. WASTE CODE
S.B.32834	01/1983	01/0003	MST-DO	55	PPA		432	416

6. WASTE DESCRIPTION: Combustible

7. NUMBERS OF WASTE PACKAGES: PLASTIC BAGS	CARD BOARD BOXES	DRUMS NO.	DRUMS GAL.	WOODEN CRATES NO.	WOODEN CRATES VOLUME ft³	8. GROSS VOLUME	UNITS (M = METER³, F = FEET³, G = GALLON)	9. PACKAGE RADIATION AT: SURFACE MR/HR	1 METER MR/HR
			155			2	M	1	0

10. GROSS WEIGHT	UNITS (K = KILOGRAM, P = POUND, T = TON)	11. ADDITIONAL DESCRIPTION OF PACKAGING AND PACKAGING MATERIALS
732	K	MSTP2

12. RADIONUCLIDE CONTENT: NUCLIDE	AMOUNT	±	UNITS (C = CURIE, M = GRAM)	ERROR ON AMOUNT	±	AMOUNT DETERMINED BY: A = ANALYSIS, M = MEASUREMENT, E = ESTIMATE	SS MATERIALS WRITEOFF: ACCOUNT	PROJECT CODE
Pu 5L		E			E		741	309
Am 241		E			E			
		E			E			
		E			E			
		E			E			
		E			E			

WASTE GENERATOR — Signature certifies that waste is in accordance with all applicable disposal requirements

PRIMARY REPRESENTATIVE — Signature certifies that waste package or shipment is safe to handle and transport

1-17-83

GROUP LEADER (AS NEEDED)

13. DATE DISPOSED (M M D D Y Y)	14. DISPOSAL/STORAGE LOCATION: AREA	SHAFT	PIT	POST(S)	LAYER	POS	15. SHAFT SURFACE DOSE MR/HR
01/26/83	6	02	01		2	4	

H-7 WASTE MANAGEMENT REPRESENTATIVE

Signature certifies waste met acceptance criteria, and all disposal requirements were met.

HS-E 7-1A (10/81)

DIVIDER

PAGE

Attachment 3 - Acceptable Knowledge Source Document Summary

Site(s): Los Alamos National Laboratory	Source Document Tracking Number: DR049

Waste Stream Number(s): LA-MHD01.001

(Applicable only when site library is not in use)

Acceptable Knowledge Documentation Type:	Category:
☑ TRU Waste Management Program Information ☑ Waste Stream-Specific Information ☑ Additional Information	☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedures ☑ DR - Discrepancy Resolution ☐ U - Unpublished Documents

Title or Description of Source Document [a]: Removal of 23 Homogeneous drums from heterogeneous debris waste stream (LA-MHD01.001)

Source Document Reference Information (author(s), document and revision number, date, publisher): Amy Johns, NA, Rev. NA, 12/05/2012, P2010-3353

AK # [b]	Source Doc. Page # [c]	AK Information Summary
PR6, WS1, WS9, S9	Throughout	RTR identified 23 waste stream LA-MHD01.001 drums with greater than 50 percent homogeneous waste [See Table 1, List of NCRs and Drum Numbers]. Because the waste observed by RTR in these drums did not match the Waste Matrix Code and the Waste Stream Description for Waste Stream LA-MHD01.001, NCRs were written for these drums in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure. These drums will be re-evaluated and reassigned to an appropriate S3000 waste stream. Resolution: ALL 23 drums have been removed from Waste Stream LA-MHD01.001.

Source Document Data Limitations (if any):

1. None.

Acceptable Knowlege Expert:

Amy Johns , Amy Johns Date: 12/5/2012

Print /Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

P2010 - 3353
Page 1 of 2

Waste Stream Number(s): LA-MHD01.001 (CCP-AK-LANL-006)

Waste Stream Description: Heterogeneous Debris

AK Source Document Discrepancy Form Tracking Number: DR049 – Removal of 23 Homogeneous drums from heterogeneous debris waste stream (LA-MHD01.001)

Tracking #	Category[a]	Title	Document/Rev#	Author	Date	Publisher	Page #
NA	Pub.	CCP AK Summary Report for LANL TA-55 Mixed TRU Waste	CCP-AK-LANL-006, Rev. 11	M. Pearcy	09/23/2011	CCP	75-110
NA	Unpub.	See Table 2, CCP-TP-005 Att. 11 Information	NA	CCP	NA	CCP	All
NA	Unpub.	See Table 3, Container Information	NA	LANL	NA	LANL	All

Nature of Discrepancy: Based on the AK collected for waste stream LA-MHD01.001 containers, the waste stream is comprised of greater than 50 percent of mixed *heterogeneous debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any drum may include nearly any percentage of the* waste material parameters listed in the report, except that no individual drum will contain greater than 50 percent of homogeneous waste.

RTR identified 23 waste stream LA-MHD01.001 drums with greater than 50 percent homogeneous waste [See Table 1], List of NCRs and Drum Numbers]. Because the waste observed by RTR in these drums did not match the Waste Matrix Code and the Waste Stream Description for Waste Stream LA-MHD01.001, NCRs were written for these drums in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure. These drums will be re-evaluated and reassigned to an appropriate S3000 waste stream.

Resolution: [ALL 23 drums have been removed from Waste Stream LA-MHD01.001]

Since RTR has determined that the waste in 23 of these drums is greater than 50 percent homogeneous material [See Table 2, CCP-TP-005 Att. 11 Information], all 23 drums will be removed from waste stream LA-MHD01.001 and re-assigned to an appropriate S3000 waste stream. Table 3, Container Information, provides the pertinent container information from the host site that was used to assign drums to LA-MHD01.001.

With the removal of these drums from waste stream LA-MHD01.001, the physical, chemical, and radiological characterization of the remaining containers in the waste stream is consistent with the waste stream description in CCP-AK-LANL-006.

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution

P2010 - 3353
Page 2 of 2

Waste Stream Number(s): LA-MHD01.001 (CCP-AK-LANL-006)

Waste Stream Description: Heterogeneous Debris

Discrepancy Resolved:	[X] Yes [ ] No		
Acceptable Knowledge Expert:	Amy Johns Print	Amy Johns Sign	Date: 12/05/2012
Site Project Manager:	Terri-Anne Groover Print	Terri-Anne Groover Sign	Date: 12/05/2012

[a]Published Document or Controlled Database (Pub.); Unpublished Data (Unpub.); Internal Procedure or Note (Proc.); Correspondence (Corr.) or Discrepancy (Disc.)

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist

Site(s): Los Alamos National Laboratory (LANL)
Waste Stream Number(s): LA-MHD01.001 (CCP-AK-LANL-006)
Waste Stream Description: Heterogeneous Debris
NCR numbers(s) if applicable: See Table 1
Inconsistency between waste characterization and acceptable knowledge information (describe): Based on the AK collected for waste stream LA-
Based on the AK collected for waste stream LA-MHD01.001 containers, the waste stream is comprised of greater than 50 percent of mixed heterogeneous debris. Although the waste stream, as a whole, is comprised of more than 50 percent heterogeneous debris, any drum may include nearly any percentage of the waste material parameters listed in the report, except that no individual drum will contain greater than 50 percent of homogeneous waste.

RTR identified 23 waste stream LA-MHD01.001 drums with greater than 50 percent homogeneous waste [See Table 1], List of NCRs and Drum Numbers]. Because the waste observed by RTR in these drums did **not** match the Waste Matrix Code and the Waste Stream Description for Waste Stream LA-MHD01.001, NCRs were written for these drums in accordance with CCP-TP-053, Section 4.4.3 [H.2] [CCP Standard Real-Time Radiography (RTR) Inspection Procedure. These drums will be re-evaluated and reassigned to an appropriate S3000 waste stream.

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]	No	N/A - EPA HWNs not discrepant.
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]	No	N/A - EPA HWNs not discrepant.
Reassess and document all sampling and analytical data associated with the waste. [c]	Yes	Container information attached, See Table 3 and RTR Data Sheets for all drums. See Table 2, CCP-TP-005 Att. 11 information. See DR049.
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.	No	All drums were assigned to waste stream LA-MHD01.001, which is assigned waste matrix code S5400 defined as predominately heterogeneous debris waste. RTR identified the waste in all drums as greater than 50% homogeneous material, which is not consistent with waste matrix code S5400 or summary category group S5000. All drums will be removed from waste stream LA-MHD01.001 and will be re-assigned to an appropriate S3000 waste stream. See DR049.
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]	No	N/A – Radionuclides are not discrepant.

Attachment 10 – Acceptable Knowledge Re-evaluation Checklist

Requirements	Completed? Yes/No	Additional Documentation a
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.	Yes	All 23 drums will be removed from the LANL AK6 Attachment 8, Waste Containers List for waste stream LA-MHD01.001. See DR049.
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.	No	N/A - No unresolved discrepancies.

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

Amy Johns _____ Date: 12/05/2012
Print Sign

Site Project Manager:

Terri-Anne Groover _____ Date: 12/05/2012
Print Sign

Table 1
List of NCRs and Drum Numbers
DR049

	NCR No.	NCR Date	Drum No.	RTR BDR No.
1	NCR-LANL-0619-12, R.1	3/27/2012	91060	LA-RTR2-12-0034
2	NCR-LANL-0619-12, R.1	3/27/2012	91069	LA-RTR2-12-0034
3	NCR-LANL-1582-12, R.0	8/29/2012	91979	LA-RTR2-12-0102
4	NCR-LANL-1582-12, R.0	8/29/2012	91980	LA-RTR2-12-0102
5	NCR-LANL-1582-12, R.0	8/29/2012	91977	LA-RTR2-12-0102
6	NCR-LANL-1582-12, R.0	8/29/2012	91978	LA-RTR2-12-0102
7	NCR-LANL-1582-12, R.0	8/29/2012	91976	LA-RTR2-12-0102
8	NCR-LANL-1582-12, R.0	8/29/2012	91981	LA-RTR2-12-0102
9	NCR-LANL-1582-12, R.0	8/29/2012	91975	LA-RTR2-12-0102
10	NCR-LANL-1581-12, R.0	8/24/2012	91952	LA-RTR2-12-0100
11	NCR-LANL-1581-12, R.0	8/24/2012	91953	LA-RTR2-12-0100
12	NCR-LANL-1581-12, R.0	8/24/2012	91954	LA-RTR2-12-0100
13	NCR-LANL-1581-12, R.0	8/24/2012	91950	LA-RTR2-12-0100
14	NCR-LANL-1585-12, R.0	9/5/2012	91991	LA-RTR2-12-0103
15	NCR-LANL-1585-12, R.0	9/5/2012	91992	LA-RTR2-12-0103
16	NCR-LANL-1585-12, R.0	9/5/2012	91993	LA-RTR2-12-0103
17	NCR-LANL-1507-12, R.0	8/23/2012	91842	LA-RTR2-12-0097
18	NCR-LANL-1507-12, R.0	8/23/2012	91839	LA-RTR2-12-0097
19	NCR-LANL-1507-12, R.0	8/23/2012	91840	LA-RTR2-12-0097
20	NCR-LANL-1507-12, R.0	8/23/2012	91841	LA-RTR2-12-0097
21	NCR-LANL-1506-12, R.0	8/22/2012	91845	LA-RTR2-12-0098
22	NCR-LANL-1506-12, R.0	8/22/2012	91847	LA-RTR2-12-0098
23	NCR-LANL-1506-12, R.0	8/22/2012	91846	LA-RTR2-12-0098

Table 2

CCP-TP-005 Att. 11 Info

	Tracking #	Category	Title	Document/Rev #	Author	Date	Publisher	Page #
1	NA	Unpub.	CCP NCR	NCR-LANL-0619-12, R.1	K. Simpson	3/21/2012	CCP	ALL
2	NA	Unpub.	CCP NCR	NCR-LANL-1582-12, R.0	T. Hasselstrom	8/29/2012	CCP	ALL
3	NA	Unpub.	CCP NCR	NCR-LANL-1581-12, R.0	M. Simmons	8/24/2012	CCP	ALL
4	NA	Unpub.	CCP NCR	NCR-LANL-1585-12, R.0	M. Simmons	9/5/2012	CCP	ALL
5	NA	Unpub.	CCP NCR	NCR-LANL-1507-12, R.0	M. Simmons	8/23/2012	CCP	ALL
6	NA	Unpub.	CCP NCR	NCR-LANL-1506-12, R.0	T. Hasselstrom	8/22/2012	CCP	ALL
7	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91060	LA-RTR2-12-0034	A. Elliot	3/21/2012	CCP	34-36
8	NA	Unpub.	CCP Radiography Data Sheets for Drum No.91069	LA-RTR2-12-0034	A. Elliot	3/21/2012	CCP	37-39
9	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91979	LA-RTR2-12-0102	T. Hasselstrom	8/29/2012	CCP	10-12
10	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91980	LA-RTR2-12-0102	T. Hasselstrom	8/29/2012	CCP	13-15
11	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91977	LA-RTR2-12-0102	T. Hasselstrom	8/29/2012	CCP	31-33
12	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91978	LA-RTR2-12-0102	T. Hasselstrom	8/29/2012	CCP	34-36
13	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91976	LA-RTR2-12-0102	T. Hasselstrom	8/29/2012	CCP	43-45
14	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91981	LA-RTR2-12-0102	T. Hasselstrom	8/29/2012	CCP	52-54
15	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91975	LA-RTR2-12-0102	T. Hasselstrom	8/29/2012	CCP	55-57
16	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91952	LA-RTR2-12-0100	M. Simmons	8/24/2012	CCP	13-15
17	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91953	LA-RTR2-12-0100	M. Simmons	8/24/2012	CCP	16-18
18	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91954	LA-RTR2-12-0100	M. Simmons	8/24/2012	CCP	19-21
19	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91950	LA-RTR2-12-0100	M. Simmons	8/24/2012	CCP	25-27
20	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91991	LA-RTR2-12-0103	T. Hasselstrom	8/30/2012	CCP	22-24
21	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91992	LA-RTR2-12-0103	T. Hasselstrom	8/30/2012	CCP	28-30
22	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91993	LA-RTR2-12-0103	T. Hasselstrom	8/30/2012	CCP	25-27
23	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91842	LA-RTR2-12-0097	D. Powell	8/21/2012	CCP	16-18

Table 2

CCP-TP-005 Att. 11 Info

	Tracking #	Category	Title	Document/Rev #	Author	Date	Publisher	Page #
24	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91839	LA-RTR2-12-0097	D. Powell	8/21/2012	CCP	22-24
25	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91840	LA-RTR2-12-0097	D. Powell	8/21/2012	CCP	28-30
26	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91841	LA-RTR2-12-0097	D. Powell	8/21/2012	CCP	31-33
27	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91845	LA-RTR2-12-0098	T. Hasselstrom	8/23/2012	CCP	10-12
28	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91847	LA-RTR2-12-0098	T. Hasselstrom	8/23/2012	CCP	16-18
29	NA	Unpub.	CCP Radiography Data Sheets for Drum No. 91846	LA-RTR2-12-0098	T. Hasselstrom	8/23/2012	CCP	19-21

Table 3
Container Information

	CONTAINER_ID	PKG_ID	LongDrumID	TRU_Package_Description	AKAApprovedWasteStream	PKG_VOLUME	NET_WT	GROSS_WT	PKG_TARE_WT	BLDG_CD	LA_WS	WASTE_CD	WASTE_DESC
1	91060	86586	LA00000086586	STEEL DRUM (55 GAL)	LA-MHD01.001	0.208	147	216	69	50-00069	TA-55-53	27	NITRATE SALTS
2	91069	61270	LA00000061270	STEEL DRUM (55 GAL)	LA-MHD01.001	0.208	9.4	343	60	55-PF4	TA-55-53	27	NITRATE SALTS
3	91979	S833241	LAS833241	85 GAL DRUM	LA-MHD01.001	0.322	436.13	496.125	60	55-PF4	TA-55-34	27	NITRATE SALTS
4	91980	S833241	LAS833241	85 GAL DRUM	LA-MHD01.001	0.322	436.13	496.125	60	55-PF4	TA-55-34	27	NITRATE SALTS
5	91977	S833241	LAS833241	85 GAL DRUM	LA-MHD01.001	0.322	436.13	496.125	60	55-PF4	TA-55-34	27	NITRATE SALTS
6	91978	S833241	LAS833241	85 GAL DRUM	LA-MHD01.001	0.322	436.13	496.125	60	55-PF4	TA-55-34	27	NITRATE SALTS
7	91976	S833241	LAS833241	85 GAL DRUM	LA-MHD01.001	0.322	436.13	496.125	60	55-PF4	TA-55-34	27	NITRATE SALTS
8	91981	S833241	LAS833241	85 GAL DRUM	LA-MHD01.001	0.322	436.13	496.125	60	55-PF4	TA-55-34	27	NITRATE SALTS
9	91975	S833241	LAS833241	85 GAL DRUM	LA-MHD01.001	0.322	436.13	496.125	60	55-PF4	TA-55-34	27	NITRATE SALTS
10	91952	S833342	LAS833342	85 GAL DRUM	LA-MHD01.001	0.322	469.2	529.2	60	55-PF4	TA-55-34	27	NITRATE SALTS
11	91953	S833342	LAS833342	85 GAL DRUM	LA-MHD01.001	0.322	469.2	529.2	60	55-PF4	TA-55-34	27	NITRATE SALTS
12	91954	S833342	LAS833342	85 GAL DRUM	LA-MHD01.001	0.322	469.2	529.2	60	55-PF4	TA-55-34	27	NITRATE SALTS
13	91950	S833342	LAS833342	85 GAL DRUM	LA-MHD01.001	0.322	469.2	529.2	60	55-PF4	TA-55-34	27	NITRATE SALTS
14	91991	S832158	LAS832158	85 GAL DRUM	LA-MHD01.001	0.322	279.84	361.841	82	55-PF4	TA-55-34	27	NITRATE SALTS
15	91992	S832158	LAS832158	85 GAL DRUM	LA-MHD01.001	0.322	279.84	361.841	82	55-PF4	TA-55-34	27	NITRATE SALTS
16	91993	S832158	LAS832158	85 GAL DRUM	LA-MHD01.001	0.322	279.84	361.841	82	55-PF4	TA-55-34	27	NITRATE SALTS

Table 3
Container Information

17	91842	S824550	LAS824550	85 GAL DRUM	LA-MHD01.001	0.322	378.8	438.795	60	55-PF4	TA-55-34	27	NITRATE SALTS
18	91839	S824550	LAS824550	85 GAL DRUM	LA-MHD01.001	0.322	378.8	438.795	60	55-PF4	TA-55-34	27	NITRATE SALTS
19	91840	S824550	LAS824550	85 GAL DRUM	LA-MHD01.001	0.322	378.8	438.795	60	55-PF4	TA-55-34	27	NITRATE SALTS
20	91841	S824550	LAS824550	85 GAL DRUM	LA-MHD01.001	0.322	378.8	438.795	60	55-PF4	TA-55-34	27	NITRATE SALTS
21	91845	S825729	LAS825729	85 GAL DRUM	LA-MHD01.001	0.322	408.12	468.122	60	55-PF4	TA-55-34	27	NITRATE SALTS
22	91847	S825729	LAS825729	85 GAL DRUM	LA-MHD01.001	0.322	408.12	468.122	60	55-PF4	TA-55-34	27	NITRATE SALTS
23	91846	S825729	LAS825729	85 GAL DRUM	LA-MHD01.001	0.322	408.12	468.122	60	55-PF4	TA-55-34	27	NITRATE SALTS

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0034
Examination Date:	03/21/2012
Waste Container ID:	91060
Video/Audio Recorded Media Number:	LA-RTR2-12-0034 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0619-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 150.0 kg. Tare Wt: 145.1 kg. Net Wt: 4.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner - Vented
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	95 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91060

Section 3: Container Inventory and Contents (Detailed descriptions)
Plastic Bags
Homogeneous Solids

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	109.0
Plastics (PP): Rigid Liner, Liner Bag (Inside POC)	8.1
Others: Fiberboard (C), Fiberboard Liner\Sleeve (inside POC)	28.0
Total Packaging Weight:	145.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	3.9
Soils (S):	
Total WMP Weight:	4.9

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91060

	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code? JCE 2/08/12	☑	~~☑~~ JCE 2/08/12
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Standard Pipe Overpack Container (P.O.C.) JCE 2/08/12

Comments: CURRENTLY ASSIGNED TO WASTE STREAM LA-MIN001.UD1. WASTE APPEARS TO BE GREATER THAN 50% HOMOGENEOUS MATERIALS JCE 2/28/12

JCE 2/08/12 NCR-LANL-0619-12 - Upon further review, the container ~~appears to contain greater than 50% homogeneous solid materials~~, and therefore does NOT conform to the waste stream description and waste matrix code.

RTR Operator:

Aaron Elliott		03/21/2012
Print Name	*Signature*	*Date*
	JCE Elliott	2/08/12

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Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0034
Examination Date:	03/21/2012
Waste Container ID:	91069
Video/Audio Recorded Media Number:	LA-RTR2-12-0034 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-0619-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 149.5 kg. Tare Wt: 145.1 kg. Net Wt: 4.4 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner - Vented
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	95 %

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91069

Section 3: Container Inventory and Comments (Detailed descriptions)
Plastic Bags Homogeneous Solids

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	109.0
Plastics (PP): Rigid Liner, Liner Bag (Inside POC)	8.1
Others: Fiberboard (C), Fiberboard Liner\Sleeve (Inside POC)	28.0
Total Packaging Weight:	145.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	2.9
Soils (S):	
Total WMP Weight:	4.4

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Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91069

[redacted]	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑ JCE 3/08/12	☑ JCE 3/08/12
[redacted]		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Standard Pipe Overpack Container (P.O.C.)

Comments: NCR-LANL-0619-12 - Container currently assigned to waste stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous materials, and therefore does not conform to the waste stream description and waste matrix code.

RTR Operator:

Aaron Elliott	[signature]	03/21/2012
Print Name	Signature	Date
	JCElliott	3/08/12

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0097
Examination Date:	08/21/12
Waste Container ID:	91839
Video/Audio Recorded Media Number:	LA-RTR2-12-0097 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	DP 8.23.12 DP 8.23.12 ☑ NO ☐ YES DP 8.23.12 NCR No.: ~~N/A~~ NCR-LANL-1507-12 DP 8.23.12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 GALLON DRUM
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 171.0 kg. Tare Wt: 145.1 kg. Net Wt: 25.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner-Vented
Number of Layers of Confinement:	Appears to be ~~2 layers~~ 1 layer DP 8.23.12 DP 8.23.12
Volume Utilization Percentage:	95 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91839

Section 3: Container Inventory and Comments (Detailed descriptions)
Homogeneous solids

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Others: Fiberboard (C), Fiberboard Liner\Sleeve (inside POC)	28.0
Total Packaging Weight:	145.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	25.9
Soils (S):	
Total WMP Weight:	25.9

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91839

Section 5: RTR Summary (Questions answered YES will be explained in the Comments block, except for Question 1)	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑ DP 8.23.12	☑ DP 8.23.12
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: Standard Pipe Overpack Container (P.O.C.)

RTR Operator:

Dennis Powell — Dennis Powell — 08/21/12

Print Name — Signature — Date 8.23.12

After further review of the data the operator determined that: The waste did not match the waste stream description or waste matrix code. and NCR-LANL-1507-12. was generated Waste appears to be greater than 50% homogeneous. therefore. the waste does not match the waste stream description or the waste matrix code. Additionally the drum appeared to have 1 layer of confinement. instead of 2.

DP 8.23.12

Attachment 2 – CCP Radiography Data Sheet

Page 1 of 3

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0097
Examination Date:	08/21/12
Waste Container ID:	91840
Video/Audio Recorded Media Number:	LA-RTR2-12-0097 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	DP 8-23-12 DP 5-23-12 ☑ NO ☑ YES NCR No.: ~~N/A~~ NCR-LANL-1507.12 DP 5-23-12 NCR No.: N/A DP 8-23-12

Section 2: Waste Container Data	
Container Type:	55 GALLON DRUM
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 172.0 kg. Tare Wt: 145.1 kg. Net Wt: 26.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner-Vented
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	95 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91840

Section 3: Container Inventory and Comments (Detailed descriptions)
Plastic bag Homogeneous solids

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Others: *Fiberboard (C), Fiberboard Liner\Sleeve (inside POC)*	28.0
Total Packaging Weight:	145.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	25.9
Soils (S):	
Total WMP Weight:	26.9

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91840

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block, except for Question 1.)	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code? DP 8/23/12	☑	☑ DP 8/23/12
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: Standard Pipe Overpack Container (P.O.C.)

RTR Operator:

Dennis Powell — Dennis Powell — 08/21/12

Print Name — Signature — Date 8.23.12

After further review of the data the operator determined that: The waste did not match the waste stream description or waste matrix code, and NCR-LANL-1507-12 was generated. NCR-LANL-1507-12 container(s) currently assigned to waste stream LA-MH001.001. Waste appears to be greater than 50% homogeneous. therefore, the waste does not match the waste stream description or the waste matrix code. This attachment 2 reflects these changes appropriately. DP 8.23.12

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0097
Examination Date:	08/21/12
Waste Container ID:	91841
Video/Audio Recorded Media Number:	LA-RTR2-12-0097 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	~~☑ NO~~ ☐ ~~YES~~ DP 8-23-12 NCR No.: ~~N/A~~ DP 8-23-12 NCR-LANL-1507-12 DP 8-23-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 GALLON DRUM
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 168.0 kg. Tare Wt: 145.1 kg. Net Wt: 22.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner-Vented
Number of Layers of Confinement:	Appears to be ~~2 layers~~ DP 8-23-12 1 layer DP 8-23-12
Volume Utilization Percentage:	95 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91841

Section 3: Container Inventory and Comments (Detailed descriptions)
Homogeneous solids

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Others: Fiberboard (C), Fiberboard Liner\Sleeve (inside POC)	28.0
Total Packaging Weight:	145.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	22.9
Soils (S):	
Total WMP Weight:	22.9

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91841

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block except for Question 1.)	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code? DPS 23.12	☐	☑ DPS 23.12
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: Standard Pipe Overpack Container (P.O.C.)

RTR Operator:

Dennis Powell — 08/21/12

Print Name — Signature Dennis Powell — Date 8.23.12

After further review of the data the Operator determined that: The waste did not match the waste stream description or waste matrix code, and NCR-LANL-1507-12 was generated. NCR-LANL-1507-12 container(s) currently assigned to waste stream LA-MHD01.001, waste appears to be greater than 60% homogeneous, therefore, the waste does not match the waste stream description or the waste matrix code. The drum appeared to have 1 layer confinement, instead of 2 this attachment 2 reflects these changes appropriately.

DPS 23.12

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0097
Examination Date:	08/21/12
Waste Container ID:	91842
Video/Audio Recorded Media Number:	LA-RTR2-12-0097 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	DP 8.23.12 ☒ NO ☐ YES DP 8.23.12 NCR No.: ~~N/A~~ NCR-LANL-1507-12 DP 8.23.12 8.23.12 DP Rev 1 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 GALLON DRUM
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 167.0 kg. Tare Wt: 145.1 kg. Net Wt: 21.9 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner-Vented
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	95 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91842

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal can with material, metal cans DP 8-23-12
Plastic bag
Homogeneous solids

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Others: Fiberboard (C), Fiberboard Liner\Sleeve (inside POC)	28.0
Total Packaging Weight:	145.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	3.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	16.9
Soils (S):	
Total WMP Weight:	21.9

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91842

Section 5: RTR Summary (Questions answered YES will be explained in the Comments block except for Question 1)	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑ DP 8.23.12	☑ DP 8.23.12
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: This drum contains metal cans with material, which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.)
NCR-LANL-1507-12
DP 8.23.12

RTR Operator:

Dennis Powell — Dennis Powell — 08/21/12

Print Name — Signature — Date 8.23.12

After further review of the data the operator determined that: The waste did not match the waste stream description or waste matrix code. and NCR-LANL-1507-12 was generated. NCR-LANL-1507-12. container(s) currently assigned to waste stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous. therefore, the waste does not match the stream description of waste matrix code.
DP 8.23.12 This ~~attachment~~ DP 8.23.12 attachment 2 reflects these changes appropriately.

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0098
Examination Date:	08/22/12
Waste Container ID:	91845
Video/Audio Recorded Media Number:	LA-RTR2-12-0098 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-1506-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 GALLON DRUM
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 161.5 kg. Tare Wt: 145.1 kg. Net Wt: 16.4 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner-Vented
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91845

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal can with material Homogeneous solids

Section 4: Packaging Material and Waste Material Parameters		
Packaging Material:		Estimated Weight (kg)
Steel (ST):		109.0
Plastics (PP):	Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Others:	Fiberboard (C), Fiberboard Liner\Sleeve (inside POC)	28.0
Total Packaging Weight:		145.1
Waste Material Parameter:		Estimated Weight (kg)
Iron-based Metal / Alloys (IM):		5.5
Aluminum-based Metals / Alloys (AM):		
Other Metals (OM):		
Other Inorganic Materials (OI):		
Cellulosics (C):		
Rubber (R):		
Plastics (waste materials) (XPM):		
Organic Matrix (OR):		
Inorganic Matrix (IN):		10.9
Soils (S):		
Total WMP Weight:		16.4

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91845

Section 5: RTR Summary (Questions answered YES will be explained in the Comments block, except question 11)	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑	☐
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: Standard Pipe Overpack Container (P.O.C.) This drum contains metal cans with material, which may require additional Project Office review. NCR-LANL-1506-12 Container(s) currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous; therefore, the waste does not match the waste stream description or the waste matrix code.

RTR Operator:		
Thad Hasselstrom	Thad Hasselstrom	8-23-12 08/22/12
Print Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0098
Examination Date:	08/22/12
Waste Container ID:	91846
Video/Audio Recorded Media Number:	LA-RTR2-12-0098 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES NCR No.: NCR-LANL-1506-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 GALLON DRUM
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 161.5 kg. Tare Wt: 145.1 kg. Net Wt: 16.4 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner-Vented
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91846

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal can with material Homogeneous solids

Section 4: Packaging Material and Waste Material Parameters		
Packaging Material:		Estimated Weight (kg)
Steel (ST):		109.0
Plastics (PP):	Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Others:	Fiberboard (C), Fiberboard Liner\Sleeve (inside POC) 7th 8-23-R	28.0
Total Packaging Weight:		145.1
Waste Material Parameter:		Estimated Weight (kg)
Iron-based Metal / Alloys (IM):		4.4
Aluminum-based Metals / Alloys (AM):		
Other Metals (OM):		
Other Inorganic Materials (OI):		
Cellulosics (C):		
Rubber (R):		
Plastics (waste materials) (XPM):		
Organic Matrix (OR):		
Inorganic Matrix (IN):		12.0
Soils (S):		
Total WMP Weight:		16.4

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91846

Section 5 – RTR Summary (Questions answered "Yes" will be explained in the Comments block, except for Question 1)	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑	☐
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: Standard Pipe Overpack Container (P.O.C.) This drum contains metal cans with material, which may require additional Project Office review. NCR-LANL-1506-12 Container(s) currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous; therefore, the waste does not match the waste stream description or the waste matrix code.

RTR Operator:		
Thad Hasselstrom	Thad Hasselstrom 8-23-12	08/22/12
Print Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0098
Examination Date:	08/22/12
Waste Container ID:	91847
Video/Audio Recorded Media Number:	LA-RTR2-12-0098 A
Procedure and Revision No.:	CCP-TP-053 Rev. 11
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☑ YES. NCR No.: NCR-LANL-1506-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 GALLON DRUM
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt: 170.5 kg. Tare Wt: 145.1 kg. Net Wt: 25.4 kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner-Vented
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91847

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal can with material Homogeneous solids

Section 4: Packaging Material and Waste Material Parameters		
Packaging Material:		Estimated Weight (kg)
Steel (ST):		109.0
Plastics (PP):	Rigid Liner/Lid, Liner Bag (Inside POC)	8.1
Others:	Fiberboard (C), Fiberboard Liner\Sleeve (Inside POC)	28.0
Total Packaging Weight:		145.1
Waste Material Parameter:		Estimated Weight (kg)
Iron-based Metal / Alloys (IM):		4.4
Aluminum-based Metals / Alloys (AM):		
Other Metals (OM):		
Other Inorganic Materials (OI):		
Cellulosics (C):		
Rubber (R):		
Plastics (waste materials) (XPM):		
Organic Matrix (OR):		
Inorganic Matrix (IN):		21.0
Soils (S):		
Total WMP Weight:		25.4

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 91847

Section 5: RTR Summary: Questions identified "YES" will be documented in the comments block except for Question 15	Yes	No
Is there observable liquid?	☐	☑
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there an indication of PCBs liquids?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA hazardous waste numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☑	☐
CH or RH TRAMPAC		
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers GREATER than 4 liters?	☐	☑
Are there indications of inadequate protection for heavy and/or sharp objects?	☐	☑

Comments: Standard Pipe Overpack Container (P.O.C.) This drum contains metal cans with material, which may require additional Project Office review. NCR-LANL-1506-12 Container(s) currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous; therefore, the waste does not match the waste stream description or the waste matrix code.

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom 8-23-12	08/22/12
Print Name	Signature	Date

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0100
Examination Date:	8/24/2012
Waste Container ID:	91950
Video/Audio Recorded Media Number:	LA-RTR2-12-0100 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1581-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA 225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 158.0 kg Tare Wt.: 33.4 kg Net Wt.: 124.6 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A ns 8/24/12 Lead Lined: Fiberboard Liner: [ ] No [X] Yes ns 8/24/12 [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	70 %

CCP Radiography Data Sheet

Waste Container ID: 91950 m: 8/24/12

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Plastic bags
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Others: (C) Fiberboard Liner m: 8/24/12	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	25.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	6.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	92.6
Soils (S):	
Total WMP Weight:	124.6

CCP Radiography Data Sheet

Waste Container ID: 91950 ms 8/24/12

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: NCR-LANL-1581-12	

RTR Operator:

Michael Simmons	[signature]	8/24/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0100
Examination Date:	8/24/2012
Waste Container ID:	91952
Video/Audio Recorded Media Number:	LA-RTR2-12-0100 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1581-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA 225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 170.5 kg Tare Wt.: 145.1 kg Net Wt.: 25.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Lead Lined: Fiberboard Liner: [X] No [ ] Yes [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Waste Container ID: 91452 ms 8/24/12

Section 3: Container Inventory and Comments (Detailed descriptions)

IM: Metal cans with material, scrap metal

AM:

OM:

OI:

C:

R:

XPM:

OR:

IN: Homogeneous solid

S:

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC) ms 8/24/12	8.1
Others: (c) Fiberboard Liner / Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	2.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	23.4
Soils (S):	
Total WMP Weight:	25.4

CCP Radiography Data Sheet

Waste Container ID: 91952 ns 8/24/12

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C); This drum contains metal cans with material, which may require additional project office review.
NCR-LANL-1581-12

RTR Operator:

Michael Simmons		8/24/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0100
Examination Date:	8/24/2012
Waste Container ID:	91953
Video/Audio Recorded Media Number:	LA-RTR2-12-0100 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1581-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA 225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 166.0 kg Tare Wt.: 145.1 kg Net Wt.: 20.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Lead Lined: Fiberboard Liner: [X] No [ ] Yes [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91953 ms 8/24/12

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal
AM:
OM:
OI:
C:
R:
XPM:
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC) ms 8/24/12	8.1
Others: (O) Fiberboard Liner / Sleeve (Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	20.4
Soils (S):	
Total WMP Weight:	20.9

CCP Radiography Data Sheet

Waste Container ID: 91953 ms 8/24/12

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: Standard Pipe Overpack Container (P.O.C) NCR-LANL-1581-12	

RTR Operator:

Michael Simmons	[signature]	8/24/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination	[ ] RTR Replicate Scan [ ] RTR Independent Observation
Site ID:	LANL
Batch Number:	LA-RTR2-12-0100
Examination Date:	8/24/2012
Waste Container ID:	91954
Video/Audio Recorded Media Number:	LA-RTR2-12-0100 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1581-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA 225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 164.0 kg Tare Wt.: 145.1 kg Net Wt.: 18.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Lead Lined: Fiberboard Liner: [X] No [ ] Yes [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 41954 MS 8/24/12

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Metal cans with material, scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogenous soild
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Liner bag(inside POC)	8.1
Others: Fiberboard Liner/Sleeve(inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	17.9
Soils (S):	
Total WMP Weight:	18.9

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Waste Container ID: 91954 ms 8/24/12

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C); This drum contains metal cans with material which may require additional poject office review.
NCR-LANL-1581-12

RTR Operator:

Michael Simmons		8/24/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0102
Examination Date:	8/29/2012
Waste Container ID:	91975
Video/Audio Recorded Media Number:	LA-RTR2-12-0102 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1582-12 NCR No.: NCR-LANL-1584-12

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 95.5 kg Tare Wt.: 33.4 kg Net Wt.: 62.1 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 91975

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Metal valves, scrap metal, metal lid
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Plastic bags
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	2.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	40.6
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	15.0
Soils (S):	
Total WMP Weight:	62.1

CCP Radiography Data Sheet

Waste Container ID: 91975

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: NCR-LANL-1582-12 NCR-LANL-1584-12

RTR Operator:

Thad Hasselstrom	[signature]	8/29/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0102
Examination Date:	8/29/2012
Waste Container ID:	91976
Video/Audio Recorded Media Number:	LA-RTR2-12-0102 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1582-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 164.5 kg Tare Wt.: 145.1 kg Net Wt.: 19.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91976

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Metal cans with material
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other:Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	15.4
Soils (S):	
Total WMP Weight:	19.4

CCP Radiography Data Sheet

Waste Container ID: 91976

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented. This drum contains metal cans with material, which may require additional Project Office review. NCR-LANL-1582-12

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/29/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0102
Examination Date:	8/29/2012
Waste Container ID:	91977
Video/Audio Recorded Media Number:	LA-RTR2-12-0102 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1582-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 169.0 kg Tare Wt.: 145.1 kg Net Wt.: 23.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91977

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other:Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	23.4
Soils (S):	
Total WMP Weight:	23.9

CCP Radiography Data Sheet

Waste Container ID: 91977

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the *total volume of observable liquid in the outermost container* GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description *or the Waste Matrix Code?*	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented. NCR-LANL-1582-12	

RTR Operator:

Thad Hasselstrom		8/29/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0102
Examination Date:	8/29/2012
Waste Container ID:	91978
Video/Audio Recorded Media Number:	LA-RTR2-12-0102 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1582-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 173.5 kg Tare Wt.: 145.1 kg Net Wt.: 28.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91978

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other:Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	27.9
Soils (S):	
Total WMP Weight:	28.4

CCP Radiography Data Sheet

Waste Container ID: 91978

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented. NCR-LANL-1582-12	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/29/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0102
Examination Date:	8/29/2012
Waste Container ID:	91979
Video/Audio Recorded Media Number:	LA-RTR2-12-0102 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1582-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 173.0 kg Tare Wt.: 145.1 kg Net Wt.: 27.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91979

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other:Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	27.8
Soils (S):	
Total WMP Weight:	27.9

CCP Radiography Data Sheet

Waste Container ID: 91979

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented. NCR-LANL-1582-12

RTR Operator:

Thad Hasselstrom		8/29/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0102
Examination Date:	8/29/2012
Waste Container ID:	91980
Video/Audio Recorded Media Number:	LA-RTR2-12-0102 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1582-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 164.5 kg Tare Wt.: 145.1 kg Net Wt.: 19.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91980

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other:Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	19.3
Soils (S):	
Total WMP Weight:	19.4

CCP Radiography Data Sheet

Waste Container ID: 91980

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented. NCR-LANL-1582-12

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/29/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0102
Examination Date:	8/29/2012
Waste Container ID:	91981
Video/Audio Recorded Media Number:	LA-RTR2-12-0102 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1582-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 165.5 kg Tare Wt.: 145.1 kg Net Wt.: 20.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91981

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other: Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	19.9
Soils (S):	
Total WMP Weight:	20.4

CCP Radiography Data Sheet

Waste Container ID: 91981

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: NCR-LANL-1582-12 Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented.	

RTR Operator:

Thad Hasselstrom		8/29/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0103
Examination Date:	8/30/2012
Waste Container ID:	91991
Video/Audio Recorded Media Number:	LA-RTR2-12-0103 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1585-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 162.5 kg Tare Wt.: 33.4 kg Net Wt.: 129.1 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be ~~2~~ 1 layers JJH 9-4-12 JJH 9-4-12
Volume Utilization Percentage:	70 %

CCP Radiography Data Sheet

Waste Container ID: 91991

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal, metal lids
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	2.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	20.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	107.1
Soils (S):	
Total WMP Weight:	129.1

CCP Radiography Data Sheet

Waste Container ID: 91991

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments:NCR-LANL-1585-12	

RTR Operator:		
Thad Hasselstrom	Thad Hasselstrom	8/30/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0103
Examination Date:	8/30/2012
Waste Container ID:	91992
Video/Audio Recorded Media Number:	LA-RTR2-12-0103 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1585-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 177.5 kg Tare Wt.: 145.1 kg Net Wt.: 32.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91992

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	
AM:	
OM:	
OI:	
C:	
R:	
XPM:	
OR:	
IN: Homogeneous solids	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other: Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	32.4
Soils (S):	
Total WMP Weight:	32.4

CCP Radiography Data Sheet

Waste Container ID: 91992

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments:Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented. NCR-LANL-1585-12	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/30/2012
Print Name	Signature	Date

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-12-0103
Examination Date:	8/30/2012
Waste Container ID:	91993
Video/Audio Recorded Media Number:	LA-RTR2-12-0103 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 12
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-1585-12 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 187.0 kg Tare Wt.: 145.1 kg Net Wt.: 41.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	95 %

CCP Radiography Data Sheet

Waste Container ID: 91993

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R:
XPM:
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/ Liner Bag (Inside POC)	8.1
Other: Fiberboard Liner/Sleeve(Inside POC)	28.0
Total Packaging Weight	145.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	41.9
Soils (S):	
Total WMP Weight:	41.9

CCP Radiography Data Sheet

Waste Container ID: 91993

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☒ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: Standard Pipe Overpack Container (P.O.C.) There is separation between liner lid and liner therefore liner is vented. NCR-LANL-1585-12

RTR Operator:

Thad Hasselstrom		8/30/2012
Print Name	Signature	Date

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-0619-12		Revision 1
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-RTR2-12-0034 Container #(s): 91060 and 91069
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☑ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
CCP-TP-053, Revision 11, Section 4.4.2 [H.2], "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate an NCR in accordance with CCP-QP-005, AND record NCR number in Section 1 of Attachment 2 and a description in the Comment block.

7. (c) Actual Condition
Container(s) currently assigned to waste stream LA-MHD01.001. Waste appears to be greater than 50% homogenous materials, and therefore do not conform to the waste stream description and waste matrix code.

Reason for Revision 1: The operator used the wrong revision of Attachment 1.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Kenneth Simpson 3-27-12	Christine Gomez 3/27/12

9a. Does the identified condition have the potential to impact AK? ☑ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR)	11. Recurring Condition?
☐ YES ☑ NO	☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Groover

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0619-12	Revision 1
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☑ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: 1. Responsible Manager send this NCR to the AK Expert for re-evaluation in accordance with CCP-TP-005. 2. AK Expert perform the AK re-evaluation and include a copy of documented results as an attachment to this NCR. 3. SPM determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.	
INTERIM DISPOSITION APPROVALS	
15. Responsible Manager/Individual (Print, sign, and date) Terri Anne Groover 03/27/12	16. CCP QA Engineer or Designee (Print, sign and date) C M Gomez 3/27/12
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0619-12 Revision 1	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, Enter N/A for Reject, Scrap, or Rework dispositions.)	
(b) Instructions for Completion (Required for Reject, Repair, Rework, and Scrap – Enter N/A for Use-As-Is).	
(c) Corrective Actions (Actions to Prevent Recurrence – Required for Repair and Rework; Enter N/A for Use-As-Is, Reject, and Scrap).	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-0619-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-RTR2-12-0034 WDS 3-21-12
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 91060, 91069
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ >500 ppmv Flamm. VOCs ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☑ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
5. CCP-TP-053, Revision 11, Section 4.1.2 (H.2), "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate an NCR in accordance with CCP-QP-005, AND record NCR number in Section 1 of Attachment 2 and a description in the Comment block.

7. (c) Actual Condition
Container(s) currently assigned to waste stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous materials, and therefore do not conform to the waste stream description and waste matrix code.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Aaron Elliott 3/21/12	Christine Aldaz 3/24/12

9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☒ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR)	11. Recurring Condition?
☐ YES ☒ NO	☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Groover

Superseded By Rev 1 KKS 3-27-12

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0619-12 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use

☐ Sort ☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (block 19) based on results of the AK Expert's re-evaluation.

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual (Print, sign, and date)	16. CCP QA Engineer or Designee (Print, sign and date)
Terri-Anne Groover 03/26/12	C.M Bogner 3/27/12
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0619-12	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, N/A for Reject, Scrap, or Rework dispositions.)	
(b) Disposition Instructions (Required for Reject and Scrap, N/A for Use-As-Is, Rework, and Repair)	
(c) Instructions for Completion of the Final Disposition, Including Inspection Criteria (Required for Repair and Rework, N/A for Use-As-Is, Reject and Scrap)	
(d) Corrective Actions (Actions to Prevent Recurrence) - as required. N/A if left blank.	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-1506-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG. NDE. VE. Other): NDE	3. Batch Data Report #(s): LA-RTR2-12-0098
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 91845, 91847, 91846
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☑ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 11, Section 4.4.2 [H.2] states in part "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate an NCR..."

7. (c) Actual Condition
Container(s) currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous; therefore, the waste does not match the waste stream description or the waste matrix code.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Thad Hasselstrom 8-22-12	Antonio D. Chavarria 8/23/12

9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR)	11. Recurring Condition?
☐ YES ☒ NO	☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Groover

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1506-12 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: 1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005. 2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR. 3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign, and date) Terri-Anne Groover 8/23/12	16. CCP QA Engineer or Designee (Print, sign and date) Antonio D. Chavarria 8/23/2012
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1506-12	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, Enter N/A for Reject, Scrap, or Rework dispositions.)	
(b) Instructions for Completion (Required for Reject, Repair, Rework, and Scrap – Enter N/A for Use-As-Is).	
(c) Corrective Actions (Actions to Prevent Recurrence – Required for Repair and Rework; Enter N/A for Use-As-Is-, Reject, and Scrap).	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-1507-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-RTR2-12-0097 Container #(s): 91842, 91839, 91838, 91840, 91841
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☑ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 11, Section 4.4.2 [H.2] states, in part, "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix code, THEN initiate an NCR..."

7. (c) Actual Condition
Container(s) currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous; therefore, the waste does not match the waste stream description or the waste matrix code.

8. NCR Originator (Print name, sign, and date) Michael Simmons 8/23/12	9. CCP QA Engineer or Designee Validation (Print name, sign, and date) Antonio D. Chavarria 8/24/12
9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE If YES or INDETERMINATE, then apply Trend Code L in Block 12.	
9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO If no is marked, provide an explanation.	
10. Significant Condition? (If Yes, List CAR) ☐ YES ☒ NO	11. Recurring Condition? ☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Grover

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1507-12 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use

☐ Sort ☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition:

1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005.
2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR.
3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.

INTERIM DISPOSITION APPROVALS

15 .Responsible Manager/Individual (Print, sign, and date) Terri-Anne Groover	16. CCP QA Engineer or Designee (Print, sign and date) Antonio D. Chavarria 8/28/12
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)

18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1507-12 Revision 0	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, Enter N/A for Reject, Scrap, or Rework dispositions.)	
(b) Instructions for Completion (Required for Reject, Repair, Rework, and Scrap – Enter N/A for Use-As-Is).	
(c) Corrective Actions (Actions to Prevent Recurrence – Required for Repair and Rework; Enter N/A for Use-As-Is, Reject, and Scrap).	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) *Check if not applicable (N/A) and provide an explanation here or on a continuation sheet.* ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-1581-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-RTR2-12-0100
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 91952, 91953, 91954, 91950
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☑ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):

CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 12, Section 4.4.2 [H.2] states in part "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate an NCR..."

7. (c) Actual Condition

Container(s) currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous materials; therefore, the waste does not match the waste stream description or the waste matrix code.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Michael Simmons 8/24/12	Antonio D. Chavarria 8/27/12

9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR)	11. Recurring Condition?
☐ YES ☒ NO	☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Groover

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1581-12 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: 1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005. 2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR. 3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign, and date) Terri-Anne Groover 8/27/12	16. CCP QA Engineer or Designee (Print, sign and date) Antonio D. Chavarria 8/28/12
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1581-12	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, Enter N/A for Reject, Scrap, or Rework dispositions.)	
(b) Instructions for Completion (Required for Reject, Repair, Rework, and Scrap – Enter N/A for Use-As-Is).	
(c) Corrective Actions (Actions to Prevent Recurrence – Required for Repair and Rework; Enter N/A for Use-As-Is-, Reject, and Scrap).	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-1582-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG. NDE. VE, Other): NDE	3. Batch Data Report #(s): LA-RTR2-12-0102
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 91979, 91980, 91977, 91978, 91976, 91981, 91975
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WMIS/WDS ☑ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):
CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 4 12/30/12 ms Section 4.4.2 [H.2] states in part "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate an NCR..."

7. (c) *Actual Condition*
Container(s) currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous; therefore, the waste does not match the waste stream description or the waste matrix code.

8. NCR Originator (Print name, sign, and date) Thad Hasselstrom 8-29-12	9. CCP QA Engineer or Designee Validation (Print name, sign, and date) Antonio D. Chavarria 8/30/2012

9a. Does the identified condition have the potential to impact AK? ☒ YES ☐ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12.

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR) ☐ YES ☒ NO	11. Recurring Condition? ☐ YES ☒ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Groover

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1582-12 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: 1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005. 2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR. 3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign, and date) Terri-Anne Groover E\30\12	16. CCP QA Engineer or Designee (Print, sign and date) Antonio D. Chavarria 8/30/2012
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1582-12 Revision 0	
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, Enter N/A for Reject, Scrap, or Rework dispositions.)	
(b) Instructions for Completion (Required for Reject, Repair, Rework, and Scrap – Enter N/A for Use-As-Is).	
(c) Corrective Actions (Actions to Prevent Recurrence – Required for Repair and Rework; Enter N/A for Use-As-Is-, Reject, and Scrap).	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

Attachment 1 – CCP Nonconformance Report (NCR)

NCR No. NCR-LANL-1585-12		Revision 0
1. Lot No./Heat No. or Serial No. (as applicable): N/A	2. Process (e.g., NDA, HSG, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-RTR2-12-0103
4. Order/Work Order/Job Control Number (as applicable): N/A	5. PO # (as applicable): N/A	Container #(s): 91991, 91992, 91993
	6. Supplier (as applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7. (a) NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☑ Other

7. (b) Description of Nonconformance Required Condition (Implementing Procedure, Revision, Section, & Text):

CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 12, Section 4.4.2 [H.2] states, in part, "IF the waste form DOES NOT match the Waste Stream Description and/or the Waste Matrix Code, THEN initiate an NCR..."

7. (c) Actual Condition

Container is currently assigned to Waste Stream LA-MHD01.001. Waste appears to be greater than 50% homogeneous material; therefore, the waste does not match the Waste Stream Description or the Waste Matrix Code.

8. NCR Originator (Print name, sign, and date)	9. CCP QA Engineer or Designee Validation (Print name, sign, and date)
Michael Simmons 9/5/12	Antonio D. Chavarria 9/5/2012

9a. Does the identified condition have the potential to impact AK? ☒ YES ☒ NO ☐ INDETERMINATE
If YES or INDETERMINATE, then apply Trend Code L in Block 12. A.C. 9/5/12

9b. Have the CCP HOLD TAGS associated with the NCR been applied? ☑ YES ☐ NO If no is marked, provide an explanation.

10. Significant Condition? (If Yes, List CAR) ☐ YES ☑ NO	11. Recurring Condition? ☐ YES ☑ NO (If YES, List NCRs/CARs)
12. Trend Code: L	13. Responsible Manager: Terri-Anne Groover

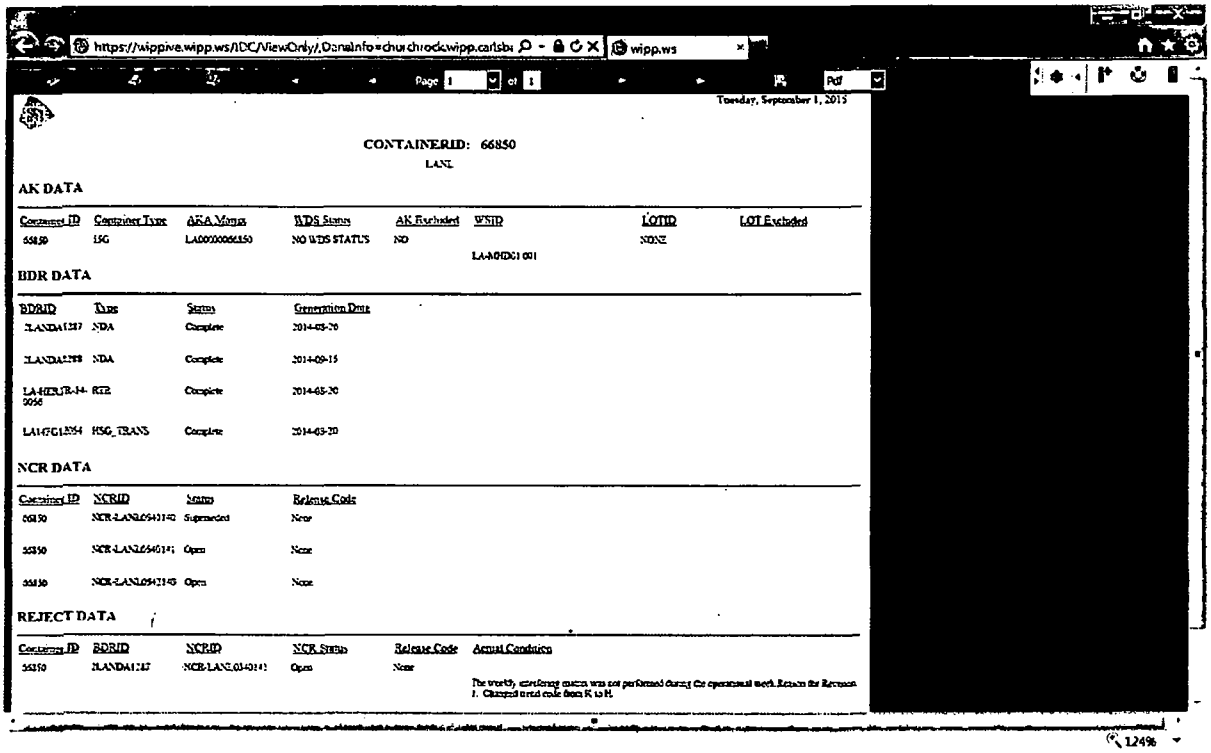
Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1585-12 Revision 0	
INTERIM DISPOSITION	
14. Interim Disposition (Check One) ☐ N/A (See Final Disposition) ☒ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort ☐ Reinspect/Retest ☐ Remediate (a) Instructions for Completion of the Interim Disposition: 1. Responsible Manager to send NCR to AK Expert for re-evaluation in accordance with CCP-TP-005. 2. AK Expert to perform the AK re-evaluation and include a copy of documented results as an attachment to NCR. 3. SPM to determine Final Disposition (block 19) based on the results of the AK Expert for re-evaluation.	
INTERIM DISPOSITION APPROVALS	
15 .Responsible Manager/Individual (Print, sign, and date) Terri-Anne Groover T-A Groover 9/6/12	16. CCP QA Engineer or Designee (Print, sign and date) Antonio D. Chavarria 9/6/2012
Additional Approvals: (Print, sign and date)	Additional Approvals: (Print, sign and date)
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date)	
18. Interim Disposition Verified CCP QA Engineer: (Print, sign and date)	

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-1585-12	Revision 0
FINAL DISPOSITION	
19. Final Disposition (Check One) ☐ Use-As-Is ☐ Reject ☐ Repair ☐ Rework ☐ Scrap	
(a) Technical Justification (Required for Use-As-Is and Repair dispositions, Enter N/A for Reject, Scrap, or Rework dispositions.)	
(b) Instructions for Completion (Required for Reject, Repair, Rework, and Scrap – Enter N/A for Use-As-Is).	
(c) Corrective Actions (Actions to Prevent Recurrence – Required for Repair and Rework; Enter N/A for Use-As-Is, Reject, and Scrap).	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual: (Print, sign, and date)	21. CCP QA Engineer or Designee: (Print, sign, and date)
Additional Approvals: (Print, sign, and date)	Additional Approvals: (Print, sign, and date)
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign, and date)	
23. Attachments:	
24. (a) HOLD TAG removal has been validated and reconciled for all nonconforming items on the NCR. ☐ (b) Check if not applicable (N/A) and provide an explanation here or on a continuation sheet. ☐	
25. Final Disposition Verified – NCR Closed	CCP QA Engineer: (Print, sign, and date)

AK19



Tuesday, September 1, 2015

CONTAINERID: 66850

LANL

AK DATA

Container ID	Container Type	AKA Matrix	WDS Status	AK Excluded	WSID	LOTID	LOT Excluded
66850	15G	LA0000066850	NO WDS STATUS	NO	LA-RHDG1-001	NONE	

BDR DATA

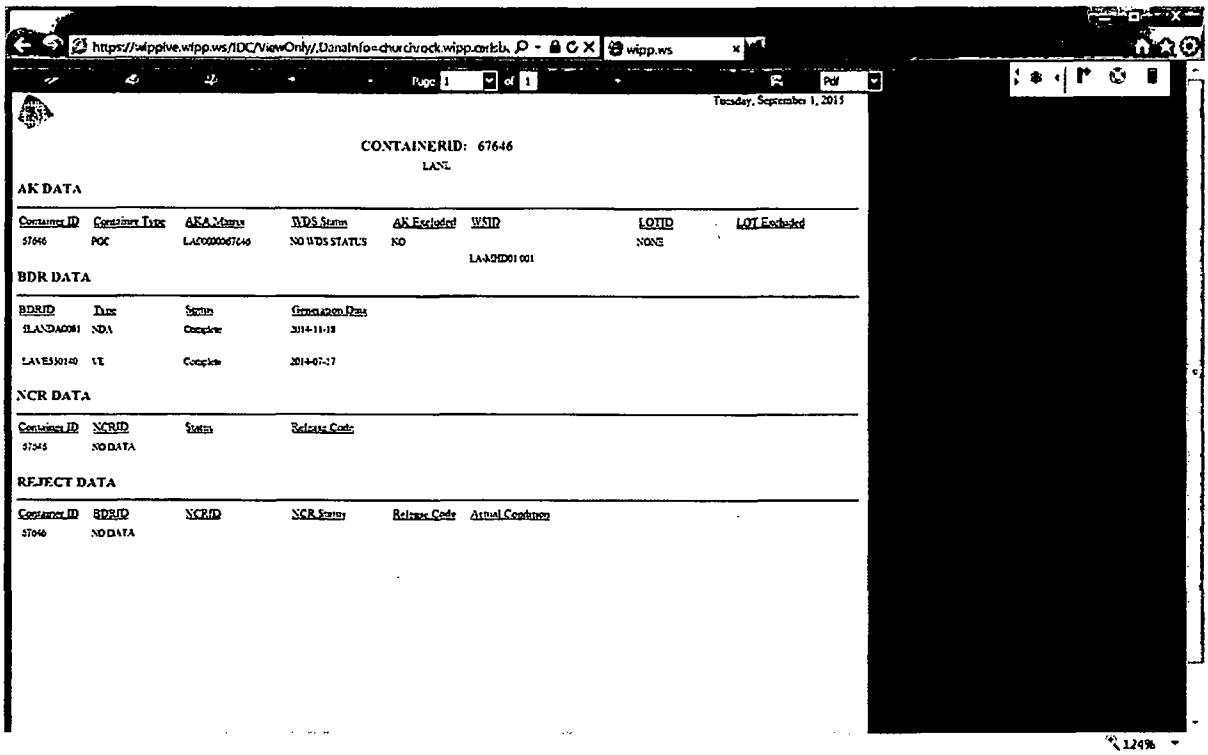
BDRID	Type	Status	Generation Date
2LANDA1287	NDA	Complete	2014-08-26
2LANDA1288	NDA	Complete	2014-09-15
LA-HEUR-14-9056	RTT	Complete	2014-08-20
LA147G12054	HSG_TRANS	Complete	2014-08-20

NCR DATA

Container ID	NCRID	Status	Release Code
66850	NCR-LANL0543142	Superseded	None
66850	NCR-LANL0546141	Open	None
66850	NCR-LANL0543145	Open	None

REJECT DATA

Container ID	BDRID	NCRID	NCR Status	Release Code	Actual Condition
66850	2LANDA1287	NCR-LANL0543141	Open	None	The monthly surveillance status was not performed during the operational week. Reason the Reason 1. Changed metal code from K to H.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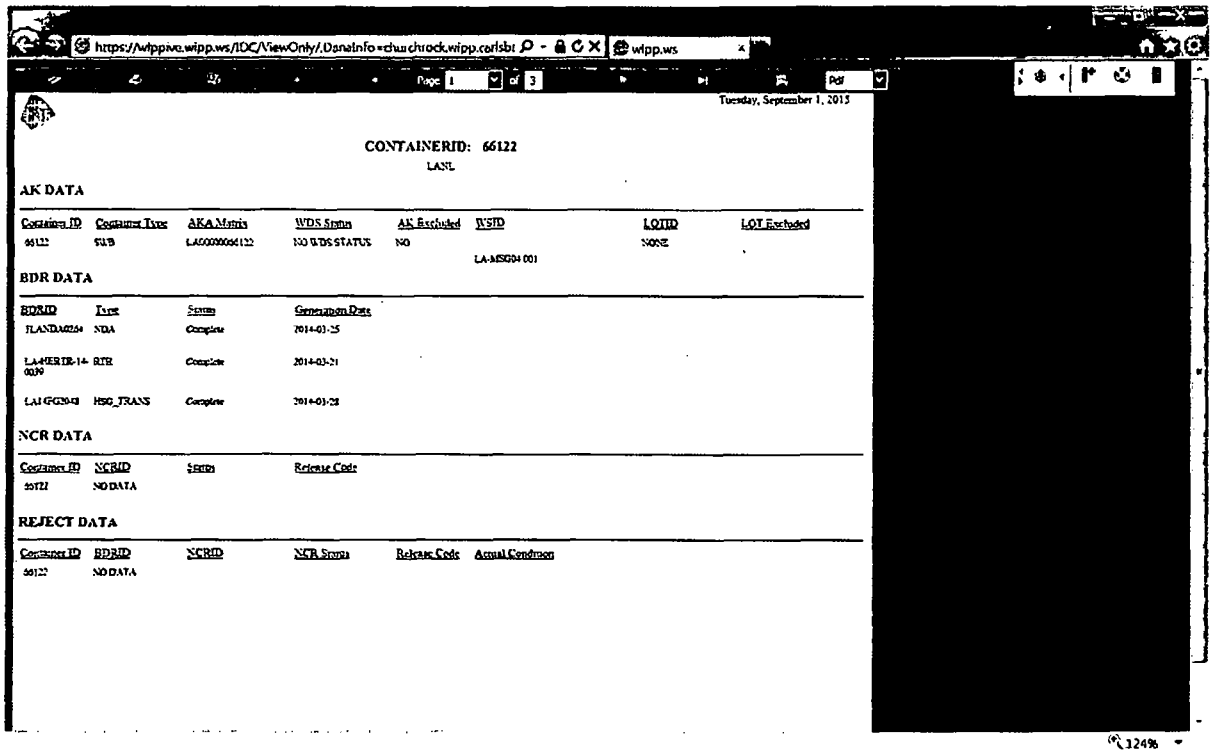
wipp.ws
Page 1 of 1
Pdf
Tuesday, September 1, 2015
CONTAINERID: 67646
LANL
AK DATA
Container ID | Container Type | AKA Name | WDS Status | AK Excluded | WSID | LOTID | LOT Excluded
67646 | POC | LAC000067646 | NO WDS STATUS | NO | LA-MHD01 001 | NONE
BDR DATA
BDRID | Type | Status | Generation Date
LANDA0081 | NDA | Complete | 2014-11-18
LAVE350140 | VE | Complete | 2014-07-27
NCR DATA
Container ID | NCRID | Status | Release Code
67645 | NO DATA
REJECT DATA
Container ID | BDRID | NCRID | NCR Status | Release Code | Actual Container
67646 | NO DATA
124%

DIVIDER

PAGE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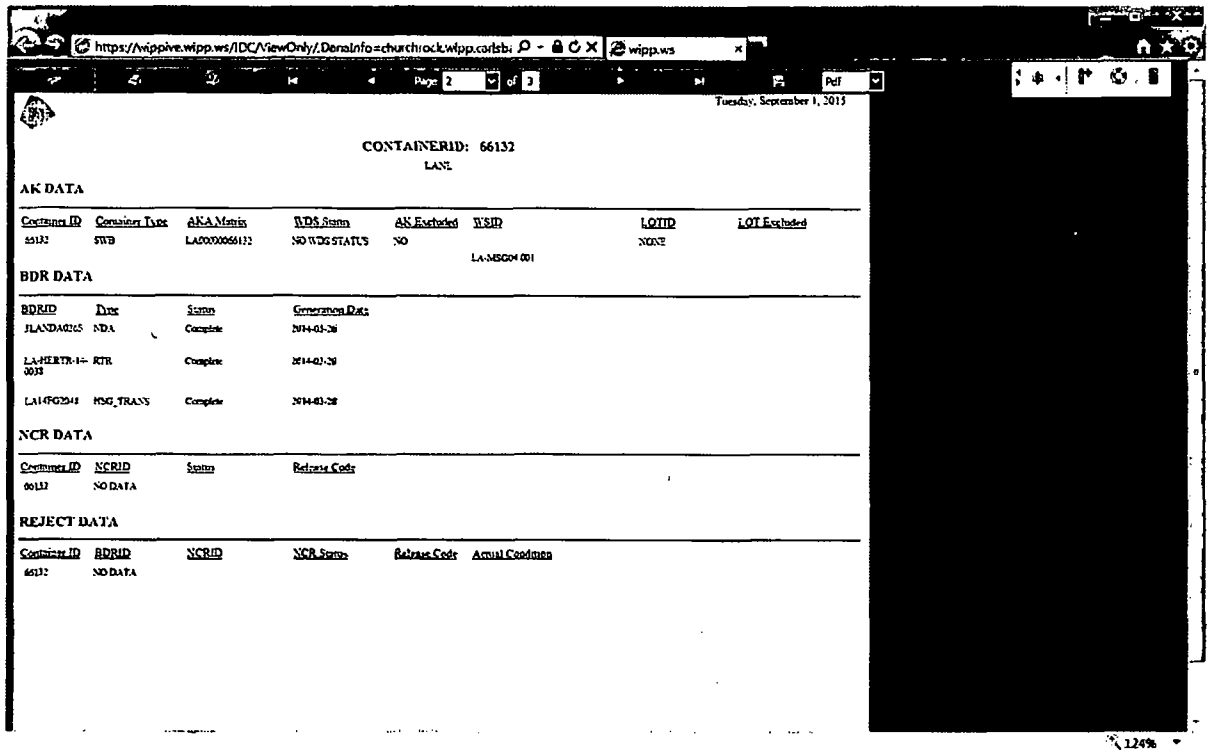
wipp.ws
Page 1 of 3
Tuesday, September 1, 2015
CONTAINERID: 66122
LASL
AK DATA
Container ID | Container Type | AKA Matrix | WDS Status | AK Excluded | WSID | LOTID | LOT Excluded
66122 | SWB | LA0000066122 | NO WDS STATUS | NO | LA-MSG04 001 | NONE
BDR DATA
BDRID | Type | Status | Generation Date
TLANDA0256 | NDA | Complete | 2014-03-25
LA-14ER1R-14-0039 | RTR | Complete | 2014-03-21
LALGG20-01 | HSG_TRANS | Complete | 2014-03-28
NCR DATA
Container ID | NCRID | Status | Release Code
66122 | NO DATA
REJECT DATA
Container ID | BDRID | NCRID | NCR Status | Release Code | Actual Condition
66122 | NO DATA
124%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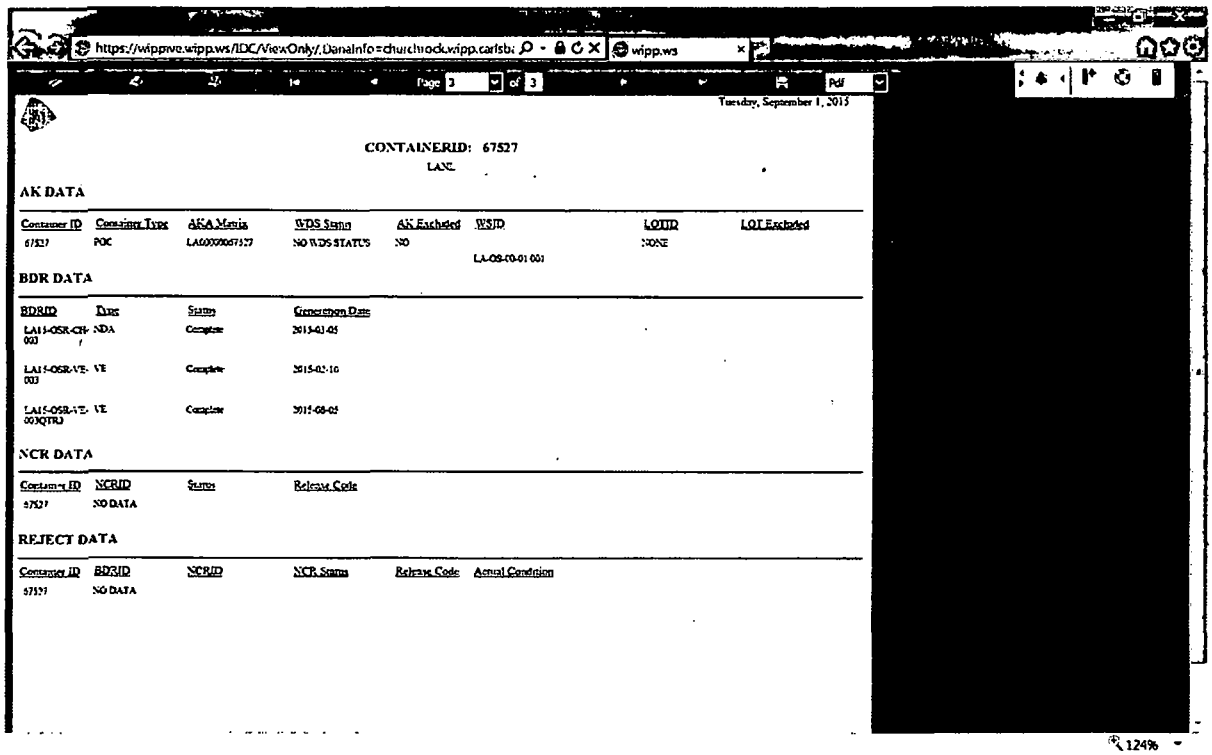
wipp.ws
Page 2 of 3
Pdf
Tuesday, September 1, 2015
CONTAINERID: 66132
LANL
AK DATA
Container ID | Container Type | AKA Matrix | WDS Status | AK Excluded | WSID | LOTID | LOT Excluded
66132 | SWB | LA0000066132 | NO WDS STATUS | NO | LA-MSG04 001 | NONE
BDR DATA
BDRID | Type | Status | Generation Date
LANDA0265 | NDA | Complete | 2014-03-26
LA-HERTR-14-0038 | RTR | Complete | 2014-02-20
LA14FG2541 | MSG_TRANS | Complete | 2014-03-28
NCR DATA
Container ID | NCRID | Status | Release Code
66132 | NO DATA
REJECT DATA
Container ID | BDRID | NCRID | NCR Status | Release Code | Actual Container
66132 | NO DATA
124%

DIVIDER PAGE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wipp.ws
Page 3 of 3
Pdf
Tuesday, September 1, 2015
CONTAINERID: 67527
LANL
AK DATA
Container ID | Container Type | AK/A Metric | WDS Status | AK Excluded | WSID | LOTID | LOT Excluded
67527 | POC | LA6009067527 | NO WDS STATUS | NO | LA-OS-00-01 001 | NONE
BDR DATA
BDRID | Type | Status | Generation Date
LA15-OSR-CH-003 | NDA | Complete | 2015-01-05
LA15-OSR-VE-003 | VE | Complete | 2015-02-10
LA15-OSR-VE-003QTRJ | VE | Complete | 2015-08-05
NCR DATA
Container ID | NCRID | Status | Release Code
67527 | NO DATA
REJECT DATA
Container ID | BDRID | NCRID | NCR Status | Release Code | Actual Condition
67527 | NO DATA
124%

NCR Data | NCR / BDR / Container Combinations | NCR ID Checkout Log

NCR / BDR / Container Combinations

WHC: CH SITEID: LANL Export to Excel Select Columns Repack Search

Refresh Grid

Page 1 of 1 (3 items) « Prev 1 Next »

Enter text to search...

Drag a column header here to group by that column

#	NCR ID	BDR ID	Container ID	Child ID	Waste Stream	NCR Status	Final Disposition	NCR Description	Actual Condition	WHC	Last Updated	CONTAINER_STATU
Clear			66850									
	NCR-LANL0540140	2LANDA1287	66850	Repack Search Only	LA-MHD01.001	Superseded		Other	The weekly interfering matrix was not performed during the operational week. Reason for Revision 1: Changed trend code from K to H.	CH	9/3/2014	
	NCR-LANL0540141	2LANDA1287	66850	Repack Search Only	LA-MHD01.001	Open	Reject	Other	The weekly interfering matrix was not performed during the operational week. Reason for Revision 1: Changed trend code from K to H.	CH	9/3/2014	Reject
	NCR-LANL0542140	2LANDA1288	66850	Repack Search Only	LA-MHD01.001	Open		Other	The QC measurement failed to generate a QC Last Results Report due to poor spectral quality.	CH	9/29/2014	Hold

Page 1 of 1 (3 items) « Prev 1 Next »

Results with (Container ID): '66850'

CONTAINERID	CONTAINER_TYPE	CONTAINER_STATUS	CONTAINER_STATUS_DATE	INNERCONTAINERID	WDS_STATUS	WASTESTREAM	AK_REPORT	WASTE_MATRIX_CODE	CLOSUREDATE	CLOSUREDATE1	VENTDATE	VENTDATE1	DISPOSAL_DATE	OTHER_DRUM_CHANGE	LINER_PRESENT	LINER_LID	SPECIAL_INFO
24130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/1992	06/16/2005	01/26/2004	06/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
24384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/1991			05/31/2007	11/01/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
24439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1991	06/16/2005		06/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
24463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1992	06/16/2005	01/26/2004	06/16/2005	10/07/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
24964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/1992		01/26/2004		06/22/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
24975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1992	06/16/2005	01/26/2004	06/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
25409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1991		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
25456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1991	06/16/2005	01/26/2004	06/16/2005	10/13/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
25789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1992		01/26/2004		03/27/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
25880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/1991		01/26/2004		11/01/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
25926	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/1991						FALSE	FALSE	Old AK7 No Vent Date — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
52015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1989	01/20/2006		01/20/2006	09/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52031	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/1997		01/14/1997		05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989		09/04/2003		04/02/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/1989	07/13/2004	10/16/1989	07/13/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1991		03/19/2008		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1989		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1989		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/1989	03/03/2008	01/26/2004	03/03/2008	08/28/2010		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1989	01/25/2005		01/25/2005	07/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52047	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/1989		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/1989		01/26/2004		04/04/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1989	06/16/2005	01/26/2004	06/16/2005	11/18/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1989	02/23/2006	01/26/2004	02/23/2006	06/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1989	01/24/2005		01/24/2005	06/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1989	06/03/2005	01/26/2004	06/03/2005	03/23/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1989		01/26/2004		04/30/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1989		01/26/2004		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1990	01/25/2005	01/26/2004	01/25/2005	03/22/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/1989		01/26/2004		08/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52082	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1989	05/05/2004		05/05/2004	05/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1989		01/26/2004		09/06/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1990		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/1990	01/30/2007	01/26/2004	01/30/2007	06/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/1990		01/26/2004		02/01/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1989	03/10/2006	01/26/2004	03/10/2006	11/22/2010	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/1989		01/13/1989		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1989	02/15/2006	01/26/2004	02/15/2006	05/24/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52109	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1989		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1989	03/08/2006	01/26/2004	03/08/2006	02/27/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1989		01/26/2004		04/26/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1989	06/16/2004		06/18/2004	05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52114	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1989		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1989		01/19/1989		04/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1989		01/26/2004		12/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

52124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1989	01/26/2005	01/26/2004	01/26/2005	09/28/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1989	03/10/2006	01/26/2004	03/10/2006	04/08/2012	VE	TRUE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1989	07/05/2005	01/26/2004	07/05/2005	02/04/2008		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/1989	01/30/2007	01/26/2004	01/30/2007	09/11/2007		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1989		01/26/2004		09/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1989	01/18/2006	01/26/2004	01/18/2006	05/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52162	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1989		02/27/2001				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1989		01/26/2004		09/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1989	07/13/2004	08/04/1989	07/13/2004	05/05/2006	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1989		01/26/2004		09/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1989		01/26/2004		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52304	TDOP				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1989	08/17/2013	04/01/2010	08/17/2013	10/27/2013	CMB Overpacked into TDOP	FALSE	FALSE	CMB P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52310	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1990		03/27/1990		05/24/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1989		11/29/1989	09/22/2005	12/10/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1989	06/17/2004		06/17/2004	04/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1989	01/26/2005	01/26/2004	01/26/2005	07/01/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1989	06/24/2004		06/24/2004	04/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1989	05/18/2005	01/26/2004	05/18/2005	08/27/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/1990	03/02/2006	01/26/2004	03/02/2006	02/08/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52333	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1990		05/15/2001				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	02/16/2006	01/26/2004	02/16/2006	05/24/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/1990		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52336	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1989	05/12/2010	06/17/2004	05/12/2010		VE	TRUE	FALSE	RPKGD into 85524 Need VE to resolve NCR - EPA HW --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
52338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/1990	11/23/2005	01/16/1990	11/23/2005	08/26/2010	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1990	01/18/2006	01/26/2004	01/18/2006	04/29/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1990		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1990		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52352	TDOP				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1989	08/12/2013		08/12/2013	10/08/2013	Overpacked into TDOP	FALSE	FALSE	CMB --- P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= HOLD_FLAG=
52353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1989	10/20/2005	01/26/2004	10/20/2005	02/19/2008		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1989	01/26/2005	01/26/2004	01/26/2005	05/22/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/1989	07/13/2004	02/27/1989	07/13/2004	03/30/2013	Filter Change	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/1989	03/03/2005	01/26/2004	03/03/2005	12/15/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1989	01/12/2006	01/26/2004	01/12/2006	04/03/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52370	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/1989		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1989		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1989	05/18/2005	01/26/2004	05/18/2005	08/12/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1989		01/26/2004		07/27/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1989	05/05/2004		05/05/2004	01/06/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/1989	01/12/2006	01/26/2004	01/12/2006	05/05/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1989		01/26/2004		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1989	10/20/2005	01/26/2004	10/20/2005	02/23/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1989	05/27/2005	01/26/2004	05/27/2005	09/14/2006	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1989		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1989		01/26/2004		06/09/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

52410	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/1989		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989		08/28/2003		08/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1989	02/14/2007		02/14/2007	07/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1989		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1989		01/26/2004		07/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	06/24/2004		06/24/2004	10/25/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52427	Steel Box					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/1992						FALSE	FALSE	CMB No Vent Date, Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
52431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1989	02/12/2007		02/12/2007	07/23/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	10/23/2008	01/26/2004	10/23/2008	04/21/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52435	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1989		01/26/2004		09/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/1989	01/13/2006	01/26/2004	01/13/2006	05/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	02/07/2005	01/26/2004	02/07/2005	11/28/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989		01/26/2004		01/16/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1998		01/26/2004	09/22/2005	10/07/2007	Filter Change	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1989	07/13/2004	04/10/1989	07/13/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1989		01/26/2004		08/14/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52455	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/1996	11/16/2010	10/17/1996	11/16/2010			FALSE	FALSE	RPKGD into 87525 Suspected S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - OO NO
52460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/1989		01/26/2004		04/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1989		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1989	09/11/2005	01/26/2004	09/11/2005	09/11/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/1989		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1989	02/21/2007	01/26/2004	02/21/2007	08/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1989		01/26/2004		08/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1989		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1989		01/26/2004		03/31/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/1989		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1989	10/19/2005	01/26/2004	10/19/2005	03/06/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52531	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1989		04/28/1989		12/21/2007		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1989	04/30/2005	05/12/1989	04/30/2005	10/13/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1989		01/26/2004		11/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/1989		01/26/2004		09/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/1989	05/27/2005	01/26/2004	05/27/2005	09/28/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/1989	05/08/2005	05/30/1989	05/08/2005	01/22/2008		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1989	02/15/2006	01/26/2004	02/15/2006	03/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/1989		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1989	02/07/2005	01/26/2004	02/07/2005	03/25/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52562	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2004		12/14/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/1989		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/1989	08/07/2004		08/07/2004	04/14/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/1989	08/13/2005	01/26/2004	08/13/2005	12/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1989	08/16/2005	01/26/2004	08/16/2005	03/26/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/1989	08/16/2005	01/26/2004	08/16/2005	12/15/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1989	05/06/2004		05/06/2004	03/31/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/1989	01/13/2006	01/26/2004	01/13/2006	04/22/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1989	08/13/2005	01/26/2004	08/13/2005	01/27/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/1989	08/15/2005	01/26/2004	08/15/2005	07/12/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

52586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1989	01/17/2006	01/26/2004	01/17/2006	05/26/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1989	08/08/2004		08/08/2004	05/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52640	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/1996	03/27/2012	03/01/1996	03/27/2012	08/18/2012	Established Vent Date	FALSE	FALSE	Not 55-Gal --- P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate HOLD_FLAG=
52641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1995		01/26/2004		02/09/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1997		01/26/2004		11/17/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52643	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1995	05/10/2012	12/08/1995	05/10/2012	07/17/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1998		01/26/2004		10/08/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1995		01/26/2004		03/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1995		01/26/2004		09/30/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52652	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1995		12/01/1995		07/29/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
52655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1995		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52658	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1995		01/26/2004				FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1996	03/08/2006	01/26/2004	03/08/2006	01/18/2007		FALSE	FALSE	Old AK7 OTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1998		01/26/2004		10/15/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/1996		01/26/2004		01/19/2012		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2001		07/31/2006		03/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
52672	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1996	05/10/2012	02/28/1996	05/10/2012	08/09/2012	Established Vent Date	FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal --- P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate HOLD_FLAG=
52673	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1998	08/30/2012	01/19/1996	08/30/2012	09/20/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
52674	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1999		02/11/1999		05/24/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/1996	11/21/2005	01/26/2004	11/21/2005	11/08/2007	VE	TRUE	FALSE	Old AK7 OTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1996		01/26/2004		09/23/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
52679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1996		01/26/2004		03/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1996		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52687	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1994		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52688	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/1993		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52689	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52690	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52692	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1993		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52693	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/1993		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52694	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/1993		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52696	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1994		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52697	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1993		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52698	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1993		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52699	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1995		12/08/1995		08/03/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1989	08/12/2005	01/26/2004	08/12/2005	05/08/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/1989	01/12/2006	01/26/2004	01/12/2006	04/30/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/1989	04/30/2005	01/26/2004	04/30/2005	08/07/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1989	01/12/2006	01/26/2004	01/12/2006	04/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52808	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1989	01/20/2006		01/20/2006	10/08/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1989	01/13/2006	01/26/2004	01/13/2006	10/20/2010		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1989	08/08/2004		08/08/2004	05/28/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52812	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1990	08/16/2005	01/26/2004	08/16/2005	12/01/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1989	01/13/2006	01/26/2004	01/13/2006	05/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1989	07/13/2004	07/18/1989	07/13/2004	06/06/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/1989	01/25/2006	01/26/2004	01/25/2006	09/01/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

52817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1989	01/13/2006	01/26/2004	01/13/2006	04/01/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/1989	08/04/2005	01/26/2004	08/04/2005	10/07/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1989	01/19/2005		01/19/2005	05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1989	01/14/2005		01/14/2005	08/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/1989	01/26/2006	01/26/2004	01/26/2006	05/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1989	08/16/2005	01/26/2004	08/16/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1989	08/16/2005	08/10/1989	08/16/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1989	08/16/2005	01/26/2004	08/16/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1989		01/26/2004		11/10/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1989	01/16/2007	01/26/2004	01/16/2007	07/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1989	01/18/2006	01/26/2004	01/18/2006	05/25/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1989		01/26/2004		09/22/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1989	08/16/2005	01/26/2004	08/16/2005	12/10/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1989		08/18/1989		03/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1989	03/07/2006		03/07/2006	09/13/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
52884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1989	01/18/2005		01/18/2005	05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1989	01/18/2005		01/18/2005	10/13/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1989		01/26/2004		11/05/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1989	03/02/2006	01/26/2004	03/02/2006	11/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1989	06/08/2004		06/08/2004	06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52878	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1989		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1989	06/16/2005	01/26/2004	06/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1989	01/18/2006	01/26/2004	01/18/2006	04/21/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1989	07/13/2004	09/14/1989	07/13/2004	04/22/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1989	10/19/2005	01/26/2004	10/19/2005	02/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1989	01/18/2005		01/18/2005	06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1989	01/16/2007	09/05/2003	01/16/2007	07/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52896	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1989		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1989		01/26/2004		01/06/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/1989	07/13/2004	09/19/1989	07/13/2004	08/06/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52899	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1989	10/24/2006	01/26/2004	10/24/2006	04/21/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1990		01/26/2004		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1990	01/17/2006	01/26/2004	01/17/2006	10/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1990	02/03/2006		02/03/2006	09/29/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/1990		01/24/1990		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/1990	01/04/2006	01/26/2004	01/04/2006	03/26/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1990	01/05/2006	01/26/2004	01/05/2006	04/06/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1990		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/1990		01/26/2004		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1990	06/02/2005	01/26/2004	06/02/2005	09/11/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1990		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1990	02/28/2006	01/26/2004	02/28/2006	10/14/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1990	01/17/2006	01/26/2004	01/17/2006	05/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1990		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2000		07/31/2006		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1990		01/26/2004		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

52851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1990		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1990	08/18/2005	01/26/2004	08/18/2005	09/15/2010	Filter Change	FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1990	07/13/2004	02/09/1990	07/13/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1990	01/05/2006	01/26/2004	01/05/2006	06/19/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1990	08/18/2005	01/26/2004	08/18/2005	10/12/2006	Filter Change	FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	05/20/2005	03/08/1990	05/20/2005	09/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1990	02/27/2006	01/26/2004	02/27/2006	11/10/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/1990	01/13/2006	01/26/2004	01/13/2006	05/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1990	01/18/2005		01/18/2005	05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1990	11/14/2006	01/26/2004	11/14/2006	04/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		02/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
52979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1990		01/26/2004		09/30/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1990	01/13/2006	01/26/2004	01/13/2006	04/29/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/1990	01/14/2005		01/14/2005	03/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
52990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/1990	08/18/2005	01/26/2004	08/18/2005	11/18/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
52998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/1990		01/26/2004		01/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/1988	01/06/2006	01/26/2004	01/06/2006	04/06/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/1987		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1987		01/26/2004		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/1987		09/06/2002		05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1988		01/26/2004		06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1988		01/26/2004		03/05/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1988	10/18/2005	01/26/2004	10/19/2005	02/17/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/1987	02/28/2006	01/26/2004	02/28/2006	12/02/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1987		01/26/2004		01/08/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1987	02/10/2006	01/26/2004	02/10/2006	05/21/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1988	05/17/2004		05/17/2004	08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1987	01/18/2007		01/18/2007	08/24/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1987	04/30/2005	01/26/2004	04/30/2005	08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1988		01/26/2004		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1987		01/26/2004		03/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1987	05/19/2005		05/19/2005	08/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/1988		01/26/2004		12/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	08/12/2005	01/26/2004	08/12/2005	06/30/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1987	07/05/2005	01/26/2004	07/05/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1988		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/1987		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1987		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1988	07/05/2005	01/26/2004	07/05/2005	03/31/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1987	01/18/2005		01/18/2005	07/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1987		08/31/2002		04/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1987		08/31/2002		04/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1987	06/09/2004		06/09/2004	05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/04/1988	12/03/2005	01/26/2004	12/03/2005	03/07/2006	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1987		01/26/2004		01/19/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1988		01/26/2004		06/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

53051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/1988		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/1988		01/26/2004		04/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1987		01/26/2004		06/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/1987		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1987		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53057	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	10/21/2005	01/26/2004	10/21/2005	02/09/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1988	07/01/2005	01/26/2004	07/01/2005	10/12/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1988		01/26/2004		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/1988	02/07/2006	01/26/2004	02/07/2006	11/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/1988	01/12/2006	01/26/2004	01/12/2006	04/07/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1987	04/30/2005	10/03/2002	04/30/2005	01/19/2008		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1987	05/05/2005		05/05/2005	08/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/24/1987		01/26/2004		12/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/1988			11/08/2006	04/04/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1988	07/13/2004		07/13/2004	11/26/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1988		01/26/2004		01/08/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1987			10/02/2006	09/01/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988	01/19/2006	01/26/2004	01/19/2006	04/28/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1987		01/26/2004		03/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1987	01/05/2006	01/26/2004	01/05/2006	04/20/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1987	05/27/2005	08/24/2002	05/27/2005	12/15/2005	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1988		01/26/2004		03/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/1988	07/01/2005	01/26/2004	07/01/2005	01/08/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1987		01/26/2004		03/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1988	07/01/2005	01/26/2004	07/01/2005	04/03/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1988	07/06/2005	01/26/2004	07/06/2005	04/20/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1988	07/27/2005	01/26/2004	07/27/2005	03/26/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1988		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1987		01/26/2004		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/1988		09/06/2002		04/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1988		01/26/2004		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/1987		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/1987		01/26/2004		01/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/1987		01/26/2004		01/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53107	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988		01/26/2004		02/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/1987	02/01/2007		02/01/2007	09/22/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1988		08/24/2002		04/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1987		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1988		01/26/2004		06/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1988		01/26/2004		01/08/2008		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1987	10/21/2005	01/26/2004	10/21/2005	03/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1987	05/05/2005	01/26/2004	05/05/2005	12/10/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/1988		01/26/2004		03/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1987	01/21/2005		01/21/2005	08/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1988	02/14/2007		02/14/2007	07/05/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/1988		01/26/2004		11/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

53123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1988		01/26/2004		11/04/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/1987	07/06/2005	01/26/2004	07/06/2005	03/31/2006			FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1987	01/19/2005		01/19/2005	01/12/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1987	12/13/2005	01/26/2004	12/13/2005	06/02/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/08/1987		01/26/2004		02/03/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/1988	06/01/2005	08/27/2002	06/01/2005	08/28/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1988		01/26/2004		09/02/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53136	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1988	10/19/2005	01/26/2004	10/19/2005	02/09/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/1988	07/05/2005	01/26/2004	07/05/2005	07/03/2007			FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/1988		01/26/2004		03/28/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1988		01/26/2004		01/31/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1988		01/26/2004		06/09/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1987		09/03/2002		04/14/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1988	10/31/2005		10/31/2005	02/09/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/1988		01/26/2004		02/03/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/1988	01/24/2005		01/24/2005	07/01/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1988	12/12/2005		12/12/2005	04/21/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1988		01/26/2004		09/11/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1988	10/22/2005		10/22/2005	02/09/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1988		01/26/2004		11/04/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/1988	01/21/2005		01/21/2005	12/15/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1988	10/21/2005	01/26/2004	10/21/2005	02/12/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1988		01/26/2004		06/28/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/1988		01/26/2004		09/01/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1988	07/26/2005	01/26/2004	07/26/2005	02/17/2011			FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1988	02/02/2006		02/02/2006	06/22/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1988		01/26/2004		03/12/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1988	02/08/2005	01/26/2004	02/08/2005	07/27/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1988	05/07/2005		05/07/2005	08/03/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1988		08/28/2002		04/22/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988	05/07/2005		05/07/2005	09/14/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/1987		01/26/2004		08/31/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/1988		01/26/2004		01/17/2008			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988	10/21/2005		10/21/2005	02/17/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/27/1988		01/26/2004		07/13/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1988	10/19/2005	01/26/2004	10/19/2005	03/04/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/1988		01/26/2004		07/07/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1988		01/26/2004		03/04/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/1988	03/22/2006		03/22/2006	09/01/2007			FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1987	10/22/2005	01/26/2004	10/22/2005	05/19/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1988	07/20/2005		07/20/2005	12/01/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1988	08/14/2005	08/24/2002	06/14/2005	04/14/2009	VE		TRUE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/1987		01/26/2004		03/04/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	01/21/2005		01/21/2005	09/28/2007			FALSE	FALSE	(require overpacking) — P_MT42=MT42_MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1988	11/01/2005	01/26/2004	11/01/2005	03/04/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1987	05/19/2005	01/26/2004	05/19/2005	08/21/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

53207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1988	11/18/2005		11/18/2005	07/06/2012	VE		TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1988	12/13/2005	01/26/2004	12/13/2005	03/06/2009			FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53211	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1987							FALSE	FALSE	No Vent Date — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1987		09/18/2003		06/09/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/23/1987		08/24/2002		05/22/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1988		01/26/2004		09/02/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53217	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1987		01/26/2004					FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1988	10/22/2005	01/26/2004	10/22/2005	02/09/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1987		01/26/2004		03/29/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1988	07/07/2005	01/26/2004	07/07/2005	01/08/2008			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1987		01/26/2004		08/21/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1988	12/13/2005	01/26/2004	12/13/2005	06/01/2008			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1988	12/10/2005	01/26/2004	12/10/2005	06/01/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/1988	12/12/2005		12/12/2005	04/04/2006			FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1987	01/24/2005		01/24/2005	09/14/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1987	10/17/2006		10/17/2006	01/19/2008			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1987		01/26/2004		09/16/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1987		01/26/2004		08/31/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1987		01/26/2004		01/17/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1987	10/19/2005	01/26/2004	10/19/2005	03/06/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988	07/07/2005	01/26/2004	07/07/2005	06/07/2007			FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1987		01/26/2004		01/06/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1988		01/26/2004		11/04/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1987		01/26/2004		09/24/2006			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1988		01/26/2004		08/31/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1987	12/11/2005	01/26/2004	12/11/2005	12/14/2006			FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/1988	01/25/2005		01/25/2005	07/01/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1988		01/26/2004		06/28/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/1988	06/14/2004		06/14/2004	03/18/2008			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1987	02/13/2007	01/26/2004	02/13/2007	06/05/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988		01/26/2004		07/27/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1988	07/07/2005	01/26/2004	07/07/2005	03/31/2006			FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1987	06/14/2004		06/14/2004	04/22/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1987	03/30/2005	01/26/2004	03/30/2005	01/16/2013			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		06/28/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1987		11/28/2012		04/17/2013	Established Vent Date		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1988		09/25/2002		04/22/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1988		01/26/2004		03/26/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/1987	03/24/2005	01/26/2004	03/24/2005	11/26/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1987	10/22/2005	01/26/2004	10/22/2005	03/06/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1988		01/26/2004		11/04/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1988		01/26/2004		02/11/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/1988		09/04/2002		04/14/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/1988	12/13/2005	01/26/2004	12/13/2005	03/30/2006			FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1987		08/31/2002		04/14/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1988		01/26/2004		07/01/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

53325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1987		09/05/2003		01/17/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1987	07/08/2005	01/26/2004	07/08/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/1988		01/26/2004		08/24/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1987	08/07/2004		08/07/2004	05/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1988	03/29/2005	01/26/2004	03/29/2005	08/14/2007		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/1988	05/09/2005		05/09/2005	08/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1988			11/03/2006	03/31/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1988	01/19/2005		01/19/2005	07/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1988		01/26/2004		06/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/1988		01/26/2004		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/1987	05/02/2005	01/26/2004	05/02/2005	08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1987	03/29/2005	01/26/2004	03/29/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1988	07/08/2005	01/26/2004	07/08/2005	01/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/27/1988		01/26/2004		04/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1988		01/26/2004		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1987		01/26/2004		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1988	03/24/2006	01/26/2004	03/24/2006	07/13/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/08/1987	11/07/2006	01/26/2004	11/07/2006	03/17/2013		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/1988	08/08/2005	01/26/2004	08/08/2005	12/15/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/1988		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/1988		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/1988	05/20/2005		05/20/2005	05/24/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/1987	03/08/2006	01/26/2004	03/08/2006	04/20/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1987	07/08/2005	01/26/2004	07/08/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1988	07/29/2005	01/26/2004	07/29/2005	04/12/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/1987		08/29/2002		04/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1987	05/07/2005		05/07/2005	08/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1987	07/11/2005	01/26/2004	07/11/2005	01/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1988	07/11/2005	01/26/2004	07/11/2005	07/06/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1988	05/07/2005		05/07/2005	08/06/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1987		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1988	07/11/2005	01/26/2004	07/11/2005	02/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988		01/26/2004		10/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1988		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	02/22/2006	01/26/2004	02/22/2006	06/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/12/1987		01/26/2004		03/04/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1988		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/1987	12/11/2005		12/11/2005	03/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1988	01/26/2005	01/26/2004	01/26/2005	02/09/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1987		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1988		01/26/2004		06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1988	07/13/2005	01/26/2004	07/13/2005	01/20/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1987		01/26/2004		12/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1988	01/25/2005		01/25/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1987	03/03/2006	01/26/2004	03/03/2006	10/08/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1988		09/03/2002		04/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

53403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1987		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988	08/05/2005	01/26/2004	08/05/2005	12/15/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/1988	10/21/2005	01/26/2004	10/21/2005	03/26/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1988		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53412	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/1987	10/22/2005	01/26/2004	10/22/2005	02/25/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1987		01/26/2004		03/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53415	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1988	05/18/2005		05/18/2005	08/12/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53416	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1988	11/01/2005	01/26/2004	11/01/2005	10/06/2006		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988	10/19/2006		10/19/2006	04/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1988		03/13/2003		04/22/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1988	03/28/2005	01/26/2004	03/28/2005	08/08/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53423	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1988	05/18/2005	08/23/2002	05/18/2005	05/21/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1988		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1988	07/13/2005	01/26/2004	07/13/2005	01/18/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1988	02/14/2007		02/14/2007	05/02/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1988		01/26/2004		06/09/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1987	04/08/2005	01/26/2004	04/08/2005	07/07/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/23/1987	03/04/2005	01/26/2004	03/04/2005	10/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/1988	11/15/2005	01/26/2004	11/15/2005	03/06/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1988		01/26/2004		09/08/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53444	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/1988		01/26/2004		12/03/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1988	08/12/2005	01/26/2004	08/12/2005	12/22/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1988	05/18/2004		05/18/2004	04/14/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1988	12/12/2005	01/26/2004	12/12/2005	04/07/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988		09/10/2002		04/14/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53452	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1988	08/05/2005	01/26/2004	08/05/2005	01/14/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1987		01/26/2004		06/22/2007		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1988		01/26/2004		01/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1988		11/14/1988		04/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1988	08/16/2005		08/16/2005	01/18/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1988	01/25/2005		01/25/2005	07/07/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1988	08/15/2005		08/15/2005	08/01/2011		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= HOLD_FLAG=
53484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1988	08/15/2005	01/26/2004	08/15/2005	06/27/2013		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1988	11/15/2005	01/26/2004	11/15/2005	05/19/2008		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1988	05/02/2005		05/02/2005	09/18/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1988	11/15/2005		11/15/2005	03/26/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/1988	04/12/2005	01/26/2004	04/12/2005	07/07/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1988	08/16/2005	09/05/2003	08/16/2005	04/14/2009	VE	TRUE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1988	05/11/2005	08/31/2002	05/11/2005	08/21/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/1988		03/14/2003		05/04/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/1988		01/26/2004		11/14/2010		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1988		01/26/2004		02/24/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1988	12/12/2005		12/12/2005	03/27/2011		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1988	11/16/2005		11/16/2005	02/23/2008		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988		08/30/2002		06/03/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1988	07/20/2005		07/20/2005	01/14/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

53487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1988		01/26/2004		03/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/1988	12/12/2005	01/26/2004	12/12/2005	04/09/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1988	01/29/2007	01/26/2004	01/29/2007	06/28/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1987	06/16/2004		06/16/2004	10/25/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1988	08/12/2005		08/12/2005	02/17/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/1988	01/13/2006	01/26/2004	01/13/2006	05/05/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53496	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1988		01/26/2004		06/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1988	01/25/2006		01/25/2006	01/21/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/1988	05/27/2004		05/27/2004	03/22/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/1988	04/14/2005	01/26/2004	04/14/2005	01/06/2008		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/10/2006	01/26/2004	01/10/2006	04/03/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1988	08/05/2005	01/26/2004	08/05/2005	02/04/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1988	07/14/2005	01/26/2004	07/14/2005	01/18/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/22/1987		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	08/08/2005	01/26/2004	08/08/2005	01/18/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/21/1988	01/18/2006	01/26/2004	01/18/2006	04/23/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1988		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1988	01/25/2005	01/26/2004	01/25/2005	07/07/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1988		08/23/2002		08/08/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/1988		01/26/2004		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1988	01/20/2006		01/20/2006	10/26/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1988			10/12/2006	01/22/2008	Established Vent Date	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1987		01/26/2004		09/16/2008		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1988	03/21/2006		03/21/2006	03/22/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1988	08/08/2005	01/26/2004	08/08/2005	01/18/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1988		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1988		01/26/2004		04/03/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1988	05/13/2005		05/13/2005	11/16/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1988	08/12/2005	01/26/2004	08/12/2005	05/03/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1988	01/25/2005	01/26/2004	01/25/2005	05/22/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53545	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988		01/26/2004		07/21/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1988	05/10/2005	08/21/2002	05/10/2005	07/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53549	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1988			05/10/2006	10/15/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1988	05/12/2005	04/09/2003	05/12/2005	12/01/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1988	02/02/2006		02/02/2006	06/23/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/1988		08/30/2002		08/09/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1988	01/12/2006		01/12/2006	04/07/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1988		08/24/2002		11/06/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/1988	01/10/2006		01/10/2006	04/01/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1988	05/10/2005		05/10/2005	09/08/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1988	02/14/2007		02/14/2007	03/27/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53565	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1988						FALSE	FALSE	No Vent Date --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53566	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1988	02/07/2006		02/07/2006	08/22/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1988	06/27/2005		06/27/2005	10/07/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1988	01/30/2007	01/26/2004	01/30/2007	07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1988	11/16/2005	01/26/2004	11/16/2005	02/24/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

53571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/1988	01/12/2006		01/12/2006	04/22/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1988	05/11/2005	08/29/2002	05/11/2005	05/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1988	05/06/2005	10/02/2003	05/06/2005	08/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1988	01/13/2006	01/26/2004	01/13/2006	04/28/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1988	06/14/2006		06/14/2006	09/01/2007	VE	TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/1988		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1988	05/11/2005		05/11/2005	09/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988		08/29/2002		05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1988		01/26/2004		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1988		01/26/2004		03/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1988		08/24/2002		04/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1988			05/10/2006	11/03/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1988	08/09/2005	01/26/2004	08/09/2005	02/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/1988	11/15/2005	01/26/2004	11/15/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53594	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/1988	02/07/2006	01/26/2004	02/07/2006	10/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1988	02/07/2006		02/07/2006	05/18/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1988	06/01/2005	01/26/2004	06/01/2005	08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/22/1988			12/11/2006	09/01/2007	Established Vent Date	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1988		01/26/2004		06/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1988	01/12/2006	01/26/2004	01/12/2006	04/13/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1988		08/31/2002		04/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/1988	01/21/2005		01/21/2005	07/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1988	08/09/2005	01/26/2004	08/09/2005	01/27/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	01/10/2006		01/10/2006	04/06/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1988			02/22/2007	07/13/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1988			11/20/2006	04/04/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1988	01/13/2006		01/13/2006	04/28/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/20/1988	01/23/2006		01/23/2006	04/21/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1988		12/19/1988		05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1988		01/05/1989		02/24/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1988			12/18/2006	05/31/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/1988		11/28/2012		05/09/2013	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= D HOLD_FLAG=
53629	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1988	02/27/2006	01/26/2004	02/27/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1988	01/06/2006	01/26/2004	01/06/2006	04/09/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1988	08/05/2005	01/26/2004	08/05/2005	01/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1988			05/04/2006	02/03/2008	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1988			05/08/2006	10/12/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1988	01/18/2006		01/18/2006	05/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53636	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1988	06/25/2005		06/25/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/1988	03/04/2005	01/26/2004	03/04/2005	10/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1988	11/17/2004	03/26/2003	11/17/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1988			05/10/2006	11/10/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1988	01/19/2006		01/19/2006	04/29/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1988	01/12/2006		01/12/2006	10/11/2006		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/1988	01/13/2006		01/13/2006	06/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53658	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1988		11/15/2000				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

53668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1988	11/17/2004	04/09/2003	11/17/2004	06/03/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1988	01/10/2006		01/10/2006	04/01/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1988	08/04/2005	01/26/2004	08/04/2005	12/10/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1987	07/12/2005	01/26/2004	07/12/2005	02/04/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1988	07/29/2005	01/26/2004	07/29/2005	12/10/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53866	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1988		01/26/2004		08/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/1988		01/26/2004		10/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1988	11/20/2005	01/26/2004	11/20/2005	05/12/2006	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1988	01/19/2006	01/26/2004	01/19/2006	04/28/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1988	01/30/2007	01/26/2004	01/30/2007	08/02/2007		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988	01/12/2006	01/26/2004	01/12/2006	04/09/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/1987	07/12/2005	01/26/2004	07/12/2005	01/28/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1988	11/15/2005	01/26/2004	11/15/2005	02/24/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53885	TDOP				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1987	08/15/2013	03/19/2008	06/15/2013	10/08/2013	Overpacked into TDOP	FALSE	FALSE	CMB P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/1990	05/02/2005		05/02/2005	04/09/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/1990	11/17/2004	03/18/2003	11/17/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1990	04/29/2005	01/26/2004	04/29/2005	07/22/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1990		01/26/2004		10/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/1990	01/16/2007	01/26/2004	01/16/2007	09/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1990			10/10/2006	01/08/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1990	12/14/2004	05/07/2003	12/14/2004	07/27/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/1990		01/26/2004		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/1990	01/09/2006		01/09/2006	04/01/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/1990			05/08/2008	09/30/2008	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/1990		01/26/2004		06/09/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1990	01/18/2006		01/18/2006	04/20/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/1990		10/20/2011		03/30/2013	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1990	05/12/2004		05/12/2004	08/21/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/1990	08/16/2005	05/02/1990	08/16/2005	09/18/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1990	01/30/2007		01/30/2007	07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1990	01/23/2006		01/23/2006	04/30/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1990	08/16/2005	01/26/2004	08/16/2005	11/16/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1990	05/11/2005		05/11/2005	08/28/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/1990	07/29/2005		07/29/2005	01/20/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1990	01/17/2006		01/17/2006	12/03/2006		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	11/17/2004	04/15/2003	11/17/2004	07/01/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1990	08/01/2004		08/01/2004	04/14/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/1990	06/25/2006		06/25/2006	10/19/2010		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1990		01/26/2004		03/02/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	11/17/2004	04/15/2003	11/17/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1990		01/26/2004	09/22/2005	10/08/2009	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/1990	01/04/2006		01/04/2006	04/01/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/1990	08/13/2005		08/13/2005	11/12/2010		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53965	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1990	04/11/2005	01/26/2004	04/11/2005	07/07/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/1990	01/18/2006		01/18/2006	05/19/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1990	01/23/2006		01/23/2006	04/21/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

53975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1990	08/18/2005		08/18/2005	01/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1990	06/03/2004		06/03/2004	04/09/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
53979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/1990	10/24/2006	01/26/2004	10/24/2006	04/20/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1990	11/16/2005		11/16/2005	03/09/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1990	01/17/2006		01/17/2006	04/28/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1990	01/19/2006		01/19/2006	04/22/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1990			10/02/2006	09/01/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1990			03/30/2008	02/09/2008	Established Vent Date	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/1990	05/02/2005		05/02/2005	08/21/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1990	01/23/2006		01/23/2006	04/13/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
53998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/1990		01/26/2004		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
53998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/1990	05/26/2004		05/26/2004	05/04/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/1990	01/26/2007		01/26/2007	06/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1990	07/14/2005		07/14/2005	02/10/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1990			05/12/2006	09/30/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1990			12/10/2008	07/18/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/1990	01/04/2006		01/04/2006	03/31/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54129	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1990						FALSE	FALSE	No Vent Date --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1990		09/08/2003		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1990		03/25/2003		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54136	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1990	11/16/2005		11/16/2005	02/23/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1990	01/23/2006		01/23/2006	04/21/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1990	05/11/2005		05/11/2005	09/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/1990	07/15/2005		07/15/2005	03/02/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/1990	01/10/2006		01/10/2006	04/09/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/1990	07/19/2005		07/19/2005	01/14/2006		FALSE	FALSE	QTW2308 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1990	01/20/2006		01/20/2006	04/30/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1990	01/09/2006		01/09/2006	11/05/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1990	01/06/2006		01/06/2006	04/03/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1990	11/17/2004	03/25/2003	11/17/2004	08/21/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/1990			05/05/2006	11/02/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1990	08/04/2005		08/04/2005	01/20/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1990			05/05/2006	12/02/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1990		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54169	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/1990	03/16/2006		03/16/2006			FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1991		01/26/2004		09/22/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1990			05/02/2006	11/03/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54174	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1990						FALSE	FALSE	No Vent Date --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1990	01/09/2006		01/09/2006	04/20/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1990			10/04/2006	02/17/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1990			05/04/2006	03/12/2008	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1990	11/22/2005		11/22/2005	07/05/2009	VE	TRUE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1990			11/20/2006	04/03/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1990		11/28/2012		04/17/2013	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= D HOLD_FLAG=
54188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1990	11/17/2004	03/25/2003	11/17/2004	08/12/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1990	12/08/2006		12/08/2006	01/16/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

54194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/1990	10/18/2005		10/18/2005	03/06/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1991	10/25/2006		10/25/2006	06/23/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54210	TDOP				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1988	08/20/2013		08/20/2013	10/27/2013	CMB Overpacked into TDOP	FALSE	FALSE	CMB — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= HOLD_FLAG=
54300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1990		01/26/2004		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/1990	01/08/2006		01/08/2006	03/26/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1990		01/26/2004		10/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/1990			10/21/2006	10/10/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1990	11/30/2005		11/30/2005	03/09/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1990	06/16/2005	12/03/1990	06/16/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1990			09/28/2006	06/13/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/1990			09/11/2006	06/24/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1990	06/17/2004		06/17/2004	05/26/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1991			04/18/2006	09/18/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1990		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/1990	11/17/2004	03/20/2003	11/17/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/1991	05/06/2005	01/26/2004	05/06/2005	06/03/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1990	06/29/2004		06/29/2004	06/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1990	06/16/2005		06/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1991	01/26/2006		01/26/2006	05/19/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1991			03/30/2006	08/31/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1991		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1991		01/26/2004		01/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/1991			05/01/2006	12/02/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1991	10/18/2005		10/18/2005	03/09/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1991	11/16/2005		11/16/2005	03/10/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/1991		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1991		01/26/2004		11/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1991			05/08/2006	10/20/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54371	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/1993						FALSE	FALSE	No Vent Date — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/1991	01/13/2006		01/13/2006	05/14/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1991			05/01/2006	11/18/2006	Established Vent Date	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1991	12/14/2004	03/17/2003	12/14/2004	08/10/2010	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1991		01/26/2004		11/09/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1991			12/07/2006	07/29/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1991	06/16/2005	01/26/2004	06/16/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1991	01/10/2007		01/10/2007	06/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1991			05/01/2006	02/24/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1991			05/05/2006	01/26/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002		01/26/2004		09/07/2006		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
54408	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/1991		12/04/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54409	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/1991						FALSE	FALSE	No Vent Date — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/1991	11/17/2004	04/11/2003	11/17/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54412	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1991		09/21/2012		04/17/2013	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/1991	06/16/2005	03/29/1991	06/16/2005	09/18/2005	Filter Change	FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1991		01/26/2004		10/15/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

54419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1995	10/24/2006		10/24/2006	04/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1991		01/26/2004		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54423	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1991	10/17/2006	01/26/2004	10/17/2006	02/04/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1988		01/26/2004		03/01/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1988		01/26/2004		03/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1991	01/26/2007	01/26/2004	01/26/2007	07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1988		01/26/2004		03/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1987		01/26/2004		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1991		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1991		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1991	11/18/2005	01/26/2004	11/16/2005	02/19/2008		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/1991		01/26/2004		10/26/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54443	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1991	11/17/2004	04/02/1991	11/17/2004	08/03/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1993		01/26/2004		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1991	11/17/2004	05/08/1991	11/17/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1991		10/02/2003		09/22/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/1991		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/1991	11/17/2004	06/04/1991	11/17/2004	04/12/2011	Filter Change	FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1996		09/17/2003		05/14/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1991	06/16/2005	01/26/2004	06/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/1991		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54469	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1991		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1991			05/12/2006	09/30/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1991		01/26/2004		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1991	01/18/2006	01/26/2004	01/18/2006	04/28/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1991		01/26/2004		05/09/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1991	11/17/2004	05/21/1991	11/17/2004	08/21/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1991	06/16/2005	06/03/1991	06/16/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54489	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/1991	06/16/2005	05/30/1991	06/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1991	04/12/2005	01/26/2004	04/12/2005	07/01/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1991		01/26/2004		01/24/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/1991		01/26/2004		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/1991	11/15/2005	01/26/2004	11/15/2005	03/04/2008		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/1991	04/13/2005	01/26/2004	04/13/2005	07/17/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54507	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/1991	10/26/2006		10/26/2006	04/21/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/1991	11/15/2005	01/26/2004	11/15/2005	02/19/2008		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1991	06/29/2004		06/29/2004	09/30/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1991	06/16/2005	01/26/2004	06/16/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54517	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1991	04/12/2005	01/26/2004	04/12/2005	02/02/2014		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1992	01/09/2006	01/26/2004	01/09/2006	04/30/2008		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/1991	05/11/2005	01/26/2004	05/11/2005	08/28/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1991	11/17/2004	06/14/1991	11/17/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1993		01/26/2004		07/15/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1991		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1991	05/12/2005	01/26/2004	05/12/2005	08/28/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54532	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/1991	12/07/2004	07/15/1991	12/07/2004	08/21/2005	Filter Change	FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

54533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1991		01/26/2004		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/1993	01/19/2006	01/26/2004	01/19/2006	04/28/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/1991		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/1992		01/26/2004		09/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54545	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1991	04/30/2005	01/26/2004	04/30/2005	08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54546	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/1991		01/26/2004		-		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1991	11/17/2004	11/22/1991	11/17/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1991	11/22/2005	01/26/2004	11/22/2005	08/10/2006	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54559	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/1991	07/26/2012	11/14/1991	07/26/2012	12/18/2012		FALSE	FALSE	Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1991		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/1991	12/07/2004	08/22/1991	12/07/2004	11/18/2007	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54568	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1991	05/22/2012	09/12/1991	05/22/2012	08/19/2012	Replaced Lid Gasket	FALSE	FALSE	Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1991		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1991		01/26/2004		02/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/1992	04/27/2005	01/26/2004	04/27/2005	11/09/2006		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54581	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1991	05/10/2012	09/23/1991	05/10/2012	06/09/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
54584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1991	02/21/2007	01/26/2004	02/21/2007	05/02/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1991		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1991		01/26/2004		09/29/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1991	02/14/2007	01/26/2004	02/14/2007	04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1991		09/30/1991	08/18/2005	10/11/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1991		01/26/2004		03/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1991		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1991		01/26/2004		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/1992	12/07/2004	04/29/1992	12/07/2004	08/30/2007	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1992	11/15/2005	01/26/2004	11/15/2005	03/06/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/1992	10/25/2006	01/26/2004	10/25/2006	08/27/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1992	11/17/2005	01/26/2004	11/17/2005	02/24/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1992	12/07/2004	05/12/1992	12/07/2004	07/27/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1992	04/22/2005	01/26/2004	04/22/2005	03/09/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1992		01/26/2004		09/29/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/1992		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/1992		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54673	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
54675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1992	12/07/2004	04/15/1992	12/07/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1992	04/22/2005	01/26/2004	04/22/2005	07/17/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1992		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1992	01/11/2005		01/11/2005	08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/1992	12/10/2005	01/26/2004	12/10/2005	04/30/2008	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994	03/18/2008	01/26/2004	03/18/2008	07/13/2007	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
54686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1992	10/10/2006		10/10/2006	07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/1992	01/18/2006	01/26/2004	01/18/2006	04/22/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54690	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/1992		10/11/2000				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1992	12/07/2004	11/18/1992	12/07/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1999		07/31/2006		03/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

54698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994		01/26/2004		12/14/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
54700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1991		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/08/1991		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1991	08/18/2005	11/18/1991	08/18/2005	09/11/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1991		01/26/2004		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1991	12/07/2004	10/31/1991	12/07/2004	08/03/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/1993		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1991	05/09/2005	01/26/2004	05/09/2005	08/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1991	12/07/2004	12/02/1991	12/07/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1992	11/28/2006	01/26/2004	11/28/2006	04/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1992	11/16/2005	01/26/2004	11/16/2005	02/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/1992	04/13/2005	01/26/2004	04/13/2005	07/17/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1994		01/26/2004		12/05/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
54731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1992	11/28/2006	01/26/2004	11/28/2006	04/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1992	11/14/2005	01/26/2004	11/14/2005	08/23/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1992		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1992		01/26/2004		11/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1992	08/18/2005	01/26/2004	08/18/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1992		01/26/2004		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1992	01/13/2006	01/26/2004	01/13/2006	04/28/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1992	12/21/2004		12/21/2004	08/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/1992	01/03/2005		01/03/2005	01/22/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1992		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1992		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/1992	07/06/2004		07/06/2004	05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1992	01/04/2006	01/26/2004	01/04/2006	03/30/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/1993		01/26/2004		04/11/2008		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/1992	11/14/2005	01/26/2004	11/14/2005	02/05/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1992		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1992	10/31/2006	01/26/2004	10/31/2006	05/05/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1992	01/17/2006	01/26/2004	01/17/2006	05/07/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54787	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/1992	11/17/2009	05/06/2008	11/17/2009		VE	TRUE	FALSE	RPKGD into 83618 SUSPECTED S3000 — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
54788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1992	02/06/2006	01/26/2004	02/06/2006	08/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54798	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
54799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/1992	11/28/2005	01/26/2004	11/28/2005	09/12/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002	02/01/2007	01/26/2004	02/01/2007	05/26/2007		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
54805	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1992		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54812	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1992	10/24/2006	01/26/2004	10/24/2006	03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1988		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1992		01/26/2004		08/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1992	08/16/2005	01/26/2004	08/16/2005	10/01/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1992		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1992		01/26/2004		03/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1992		01/26/2004		05/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54836	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1992		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1992		01/26/2004		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

54841	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1992		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/1992		01/26/2004		10/14/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1992		01/26/2004		03/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1992	01/16/2007	01/26/2004	01/16/2007	09/13/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1994		01/26/2004		03/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/1992	01/13/2006	01/26/2004	01/13/2006	10/14/2006		FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1992		01/26/2004		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1993		01/26/2004		08/10/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54869	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1992		05/20/2002				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54871	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1993		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/21/1993		01/26/2004		08/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1997	12/19/2008	01/26/2004	12/19/2008	07/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1992		01/26/2004		04/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54886	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1992	12/03/2009	05/06/2008	12/03/2009		VE	TRUE	FALSE	RPKGD into 83715 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
54887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1992		01/26/2004		01/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54899	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1993	08/19/2010	05/06/2008	08/19/2010			FALSE	FALSE	RPKGD into 86903 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
54904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/1990	01/10/2007	01/26/2004	01/10/2007	07/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1990	05/06/2005	09/12/2003	05/06/2005	03/26/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
54908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1991		01/26/2004		08/30/2008		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1990		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/1990		01/26/2004		01/19/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1990		01/26/2004		11/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1990		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1990		01/26/2004		11/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1990		01/26/2004		11/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/1990		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1990		01/26/2004		07/08/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1990		01/26/2004		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1990		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1990		01/26/2004		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1990		01/26/2004		08/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1990		01/26/2004		01/19/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1990		01/26/2004		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1990	12/02/2005	01/26/2004	12/02/2005	03/09/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1990		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1990	01/09/2007	01/26/2004	01/09/2007	08/02/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/1990	11/16/2005	01/26/2004	11/16/2005	02/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1990	11/16/2005	01/26/2004	11/16/2005	03/04/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/1990		01/26/2004		08/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1990		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1990		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1990		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1993		01/26/2004	09/22/2005	03/04/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
54982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1997		01/26/2004		05/04/2007		FALSE	FALSE	P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
54985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1991		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1990		01/26/2004		08/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

54990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1990		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/1990		01/26/2004		09/07/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/1991	12/02/2005	01/26/2004	12/02/2005	03/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1990		01/26/2004		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
54999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/1990		01/26/2004		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55129	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55130	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55131	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55132	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55133	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55134	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55135	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55136	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55137	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55138	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55139	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1992		03/19/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/06/1993		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55151	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1993		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1993		01/26/2004		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	02/21/2007	01/26/2004	02/21/2007	06/06/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1993	10/26/2006	01/26/2004	10/26/2006	04/05/2007		FALSE	FALSE	Old AK7, NDA Fast Scan — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	03/23/2006	01/26/2004	03/23/2006	07/08/2009	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1995		05/08/2008		07/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55167	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1994		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1993		01/26/2004		09/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1994		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	04/03/2006	01/26/2004	04/03/2006	12/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1993		01/26/2004		04/19/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1993		01/26/2004		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1993		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1993		01/26/2004		03/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1995		01/26/2004		04/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1994		01/26/2004		11/10/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1994		01/26/2004		01/18/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55194	FRP					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1993						FALSE	FALSE	No Vent Date, Not 55 gal — P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55196	FRP					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1993						FALSE	FALSE	No Vent Date, Not 55-Gal — P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55199	FRP					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1993						FALSE	FALSE	No Vent Date, Not 55 gal — P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1990		01/26/2004		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1992	12/07/2004	09/28/1992	12/07/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
55204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1992		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1995	02/13/2007	01/26/2004	02/13/2007	10/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1993		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/1993		01/26/2004		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/1993	12/07/2004	04/23/1993	12/07/2004	07/22/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
55214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1993		05/06/2006		01/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

55221	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1993		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/1993	02/14/2007	01/26/2004	02/14/2007	10/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1993		01/26/2004		03/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1993		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1993		01/26/2004		05/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1993		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1993		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1994		01/26/2004		03/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1995			03/31/2006	08/31/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1995		01/26/2004		09/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1993		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1995		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1993		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/1992		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/1993	11/01/2006	01/26/2004	11/01/2006	09/28/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55262	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1995	07/07/2010	12/04/2008	07/07/2010			FALSE	FALSE	RPKGD into 86397 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
55269	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1993		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994		01/26/2004		07/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1994		01/26/2004		08/26/2008		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1993		01/26/2004		09/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	11/28/2006	01/26/2004	11/28/2006	10/15/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1993		01/26/2004		09/24/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1994			05/01/2006	11/06/2006	Established Vent Date	FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55282	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/1994		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1993		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1993		01/26/2004		09/29/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1993		01/26/2004		04/20/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	01/08/2006	01/26/2004	01/08/2006	10/28/2006		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	11/02/2006	01/26/2004	11/02/2006	10/10/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	06/16/2004		06/16/2004	11/02/2006		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
55407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	02/12/2007	01/26/2004	02/12/2007	06/15/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	03/29/2006	01/26/2004	03/29/2006	11/10/2006	VE	TRUE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55412	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1993	12/01/2005	01/26/2004	12/01/2005	02/17/2012	VE	TRUE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1993	03/14/2006		03/14/2006	09/22/2006		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1993		01/26/2004		11/02/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1994		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994		01/26/2004		01/25/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1994		12/04/2008		01/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1994		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55435	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1994		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1994		01/26/2004		09/09/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1994	03/14/2006	01/26/2004	03/14/2006	02/23/2007		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1994		01/26/2004		12/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1994		01/26/2004		03/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

55459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1995		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1994		01/26/2004		11/02/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1994		01/26/2004		03/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1994		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/1994		01/26/2004		10/08/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994	03/23/2006	01/26/2004	03/23/2006	07/08/2009	VE	TRUE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/1994		01/26/2004		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1994		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55499	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1994	04/04/2006	01/26/2004	04/04/2006	02/09/2007		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1994	12/22/2005	01/26/2004	12/22/2005	11/02/2006		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1994		01/26/2004		10/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1994		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55512	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1994		03/01/2001				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
55513	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1994		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55514	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1994		01/26/2004		11/04/2006		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1994		01/26/2004		09/21/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994		01/26/2004		04/11/2008		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55531	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1995	07/15/2005		07/15/2005	10/15/2006		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
55532	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/1994		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1995			04/03/2006	09/08/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1994		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1994		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1994		01/26/2004		10/06/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55555	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1994		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1994		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55558	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1994		01/14/1998				FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
55560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1994		01/26/2004		04/03/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1994		01/26/2004	08/31/2005	02/25/2006	Filter change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994		10/25/1994		03/30/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
55571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/1994	02/01/2007	01/26/2004	02/01/2007	10/11/2009		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1995		01/26/2004		12/14/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1995	11/02/2008	01/26/2004	11/02/2008	05/06/2010		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994		01/26/2004		03/10/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1995	03/14/2006	01/26/2004	03/14/2006	12/03/2008		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55580	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1990		01/26/2004	09/22/2005	05/20/2006	Filter Change	FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1991		01/26/2004		09/26/2011		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/1989		03/19/2008		10/01/2008		FALSE	FALSE	Np-237 -- P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1995			04/10/2006	03/20/2008	Established Vent Date	FALSE	FALSE	Old AK7 (require overpacking) -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1995		01/26/2004		07/26/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1999		01/26/2004		06/07/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1995		01/26/2004		11/29/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1995		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1995	11/18/2005	01/26/2004	11/18/2005	11/08/2007	VE	TRUE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994		01/26/2004		10/21/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

55603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1994	10/24/2006	01/26/2004	10/24/2006	03/29/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1994	12/08/2006	01/26/2004	12/08/2006	05/19/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1994		01/26/2004		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1994		01/26/2004		02/23/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1994	02/21/2007	01/26/2004	02/21/2007	03/15/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1994	11/19/2005	01/26/2004	11/19/2005	08/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55634	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1995		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/20/1994	10/12/2006	01/26/2004	10/12/2006	01/22/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/1997		01/26/2004	08/18/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/1995			04/03/2006	09/16/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/1996		01/26/2004		03/20/2008		FALSE	FALSE	(require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1995		01/26/2004		05/21/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55650	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1994		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55653	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1994	04/16/2010	05/08/2008	04/16/2010		VE	TRUE	FALSE	RPKGD into 85268 85273 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
55654	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1996		12/04/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/1995		01/26/2004		02/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/1995		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1995	03/31/2006		03/31/2006	11/09/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
55662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1995		01/26/2004	09/22/2005	09/22/2006	Filter Change	FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1995	01/10/2006	01/26/2004	01/10/2006	06/23/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1995		01/26/2004		01/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1995		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1995		01/26/2004		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1995		01/26/2004		03/01/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1995			11/20/2006	04/27/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1995	12/13/2006	01/26/2004	12/13/2006	06/24/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1995	03/22/2006	01/26/2004	03/22/2006	01/08/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1995		01/26/2004		10/08/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1995		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1995		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/1996		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1995		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1995		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1995	04/13/2006	01/26/2004	04/13/2006	10/06/2011	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55688	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1995	02/01/2010	05/06/2008	02/01/2010			FALSE	FALSE	RPKGD into 84133 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
55689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1995		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1995		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1995		01/26/2004		01/27/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995		01/26/2004		03/22/2006		FALSE	FALSE	(require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55693	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/1995		01/26/2004		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995			09/22/2005	07/26/2007	Filter Change	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1995	04/03/2006	01/26/2004	04/03/2006	12/03/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1995			02/27/2007	09/22/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55806	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1996	01/22/2007	01/26/2004	01/22/2007	09/14/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

55807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/17/1995			04/03/2006	09/08/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55810	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	04/15/1998	05/11/2012	04/15/1998	05/11/2012	08/11/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	04/20/1995	10/23/2006		10/23/2006	04/21/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	02/23/1995		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	04/03/1995		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	03/29/1995		01/26/2004		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	03/13/1995		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55824	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	03/15/1995	03/15/2006	01/26/2004	03/15/2006	01/11/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/20/1995			12/11/2006	09/28/2007	Established Vent Date	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	12/20/1995		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	03/14/1995		01/26/2004		06/02/2007		FALSE	FALSE	(require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	04/17/1995		01/26/2004		09/18/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	03/29/1995		01/26/2004		09/30/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	05/05/1995			05/10/2006	02/24/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	05/05/1995			07/10/2006	11/02/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/13/1995	10/30/2006		10/30/2006	04/27/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/15/1998		01/26/2004	08/18/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	05/23/1995		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/05/1995			11/13/2006	07/12/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55862	55G					LA-MHD01.001	CCP-AK-LANL-008	SS400	08/22/1995						FALSE	FALSE	No Vent Date — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/08/1995	12/19/2006		12/19/2006	07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	05/18/1995		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	06/20/1995		04/21/2006		06/29/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/12/1995			11/13/2006	10/20/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55873	55G					LA-MHD01.001	CCP-AK-LANL-008	SS400	08/22/1995		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/05/1995		01/26/2004		08/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	06/27/1995			03/27/2007	03/30/2008	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	01/07/1999		07/31/2006		06/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/03/1995		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	06/05/1995			04/18/2006	09/02/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/02/1995			11/14/2006	12/21/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/03/1995			03/30/2006	08/31/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55891	55G					LA-MHD01.001	CCP-AK-LANL-008	SS400	09/20/1995		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	06/27/1995		01/26/2004		09/19/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/12/1995			04/15/2006	09/22/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/05/1995			04/03/2006	09/08/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55901	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/27/1995		09/27/1995		06/26/2012		FALSE	FALSE	Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	06/05/1995	08/13/2005	01/26/2004	08/13/2005	07/06/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55903	55G					LA-MHD01.001	CCP-AK-LANL-008	SS400	05/09/1998	02/13/2010	05/06/2008	02/13/2010			FALSE	FALSE	RPKGD into 84295 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
55907	55G					LA-MHD01.001	CCP-AK-LANL-008	SS400	06/29/1995	03/30/2010	05/06/2008	03/30/2010		VE	TRUE	FALSE	RPKGD into 84988 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
55910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	02/14/1998		01/26/2004		05/22/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/01/1995			11/25/2006	05/26/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/28/1995			09/14/2006	07/15/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/09/1995		01/26/2004		07/29/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55915	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	01/10/1998	05/11/2012		05/11/2012	09/25/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

55916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1995		01/26/2004		06/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1996		01/26/2004		10/14/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1995		01/26/2004		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1995			10/14/2006	12/14/2007	Established Vent Date	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
55923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/1996	03/14/2006	01/26/2004	03/14/2006	12/02/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1995		01/26/2004		02/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1995		01/26/2004		06/07/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1995		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55933	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1995		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1995		01/26/2004		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1995		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1995		01/26/2004		05/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55944	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1995		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1996	01/03/2007	01/26/2004	01/03/2007	06/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55951	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/1995		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55952	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1995		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1996		01/26/2004		12/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1995		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1995		03/19/2008		09/08/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55959	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1998		02/26/2001		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
55961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1995		03/19/2008		10/01/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1996		03/19/2008		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/20/1995		03/19/2008		09/15/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
55968	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1994		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1995		01/26/2004		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/1996	11/08/2006	01/26/2004	11/08/2006	05/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1995		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1995		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55980	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1995		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1995		01/26/2004		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1995		01/26/2004		09/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/1995	02/12/2007	01/26/2004	02/12/2007	02/01/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/1995		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55988	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1996		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1996		01/26/2004		06/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/1996		01/26/2004		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
55997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1995		01/26/2004		12/21/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56003	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1996		04/16/1996		06/16/2012		FALSE	FALSE	Not 55-Gal — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
56012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1996		01/26/2004		09/22/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1996	02/12/2007	01/26/2004	02/12/2007	08/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/1996		01/26/2004		02/22/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1996		01/26/2004		11/11/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1996		01/26/2004		11/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1996		01/26/2004		03/08/2007		FALSE	FALSE	(require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1996		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1996	11/20/2005	01/26/2004	11/20/2005	04/05/2007	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

56023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1996		01/26/2004		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1996		01/26/2004		12/18/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1996		01/26/2004		04/20/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/1996		01/26/2004		08/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56042	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1996		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1996		01/26/2004		10/10/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56045	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1996		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56049	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1996		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/1996		01/26/2004		09/30/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1996	11/01/2006	01/26/2004	11/01/2006	04/08/2012		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/1996		01/26/2004		12/02/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1996		01/26/2004		08/26/2006		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1996		01/26/2004		11/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56081	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1996	06/30/2012	07/13/1996	06/30/2012	12/22/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1996		01/26/2004		09/28/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1996		01/26/2004		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1996		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1996	11/02/2006	01/26/2004	11/02/2006	05/17/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1996	03/14/2006	01/26/2004	03/14/2006	02/23/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1996	02/13/2007	01/26/2004	02/13/2007	07/03/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1996		01/26/2004		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/1996		01/26/2004		02/05/2007		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/1996		01/26/2004		09/28/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1996	12/12/2006	01/26/2004	12/12/2006	06/09/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1996		01/26/2004		08/02/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1996		01/26/2004		06/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1996		01/26/2004		07/29/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/1996	11/19/2005	01/26/2004	11/19/2005	05/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/1996		01/26/2004		10/02/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1996		01/26/2004		10/06/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56161	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1996		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1997		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1996	03/14/2006	01/26/2004	03/14/2006	11/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1996	11/06/2006	01/26/2004	11/06/2006	05/05/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/1997	02/16/2006	01/26/2004	02/16/2006	05/04/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1997		01/26/2004	08/31/2005	02/04/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/1996		01/26/2004		09/13/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1996		01/26/2004		02/22/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/1996	03/15/2006		03/15/2006	01/11/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
56181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1996		01/26/2004		01/25/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56184	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1996		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/1996		01/26/2004		02/09/2007		FALSE	FALSE	Old AK7 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1996		01/26/2004		09/16/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56196	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/1996		08/22/1996		07/15/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1996		01/26/2004		03/18/2007		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1996		01/26/2004		09/21/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

56203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1996		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1996			04/07/2006	09/14/2010	Established Vent Date	FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
56207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1996		01/26/2004		05/03/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/1996		01/26/2004		11/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56212	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/1997	07/11/2012	01/30/1997	07/11/2012	10/19/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1996		01/26/2004		07/28/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1996			04/03/2006	08/30/2010	Established Vent Date	FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
56220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1996		01/26/2004	08/31/2005	03/04/2008	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/1996		01/26/2004		06/02/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/1997	04/03/2006	01/26/2004	04/03/2006	09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/08/1996		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/1996	11/08/2006	01/26/2004	11/08/2006	05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1999	11/08/2006	01/26/2004	11/08/2006	02/01/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1996		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56262	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/1996		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1996		01/26/2004		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1996		01/26/2004	08/31/2005	02/04/2008	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/1996		01/26/2004		07/26/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1996		01/26/2004		10/19/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1997		01/26/2004		09/24/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1996		01/26/2004		02/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1997		01/26/2004		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1996		01/26/2004		11/01/2009		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1996		01/26/2004		01/31/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56283	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1996		01/15/1998				FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
56286	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1996	04/08/2009	05/08/2008	04/08/2009			FALSE	FALSE	RPKGD into 81774 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
56288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/1996		01/26/2004		06/07/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1996		01/26/2004		08/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1996		01/26/2004		03/02/2007		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1996		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1997	10/31/2006	01/26/2004	10/31/2006	04/20/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1996		01/26/2004		09/23/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1996		01/26/2004		09/19/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/1997	12/19/2006	01/26/2004	12/19/2006	05/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1997		01/26/2004		09/29/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/1997		01/26/2004		11/17/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1999	01/26/2004	05/03/1999	01/26/2004	05/07/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
56315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1999	03/01/2006	01/26/2004	03/01/2006	02/01/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56316	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1997		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1997		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56318	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1998	07/02/2012	10/05/1998	07/02/2012	12/16/2012	Replaced Lid Gasket	FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56319	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997	05/08/2012	09/02/1977	05/08/2012	07/15/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1997	02/13/2007	01/26/2004	02/13/2007	07/08/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

56324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1997		01/26/2004		12/03/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/1997		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1997		01/26/2004		12/14/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1997		01/26/2004		12/20/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56333	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1997	07/14/2012	03/27/1997	07/14/2012	10/07/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1997	02/14/2007	01/26/2004	02/14/2007	07/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1997		01/26/2004		12/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/1997		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56348	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/1997	05/11/2012	06/17/1997	05/11/2012	07/05/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Old AK7 Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1997	11/21/2008	01/26/2004	11/21/2008	05/08/2007		FALSE	FALSE	(require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1997		05/06/2008		07/23/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1997		01/26/2004		09/16/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1997		01/26/2004		08/12/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1997		01/26/2004		06/23/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56360	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1997		12/04/2008				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1997		01/26/2004		07/02/2013		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1997		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1997		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/1997		01/26/2004	09/22/2005	10/15/2006	Filter Change	FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/1997		01/26/2004		05/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1997		01/26/2004		09/12/2007		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1997	01/09/2007	01/26/2004	01/09/2007	06/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1997		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1997		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56380	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/1997	05/09/2012	06/16/1997	05/09/2012	07/08/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Old AK7 Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/1997	12/19/2005	01/26/2004	12/19/2005	10/15/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1997	01/04/2007	01/26/2004	01/04/2007	07/29/2007		FALSE	FALSE	(require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1997		01/26/2004		01/30/2008		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1997	10/26/2006	01/26/2004	10/26/2006	08/24/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1997		04/21/2008		07/23/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1997	12/06/2006	01/26/2004	12/06/2006	11/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1997		01/26/2004		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/1997		01/26/2004		12/09/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/1997		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56496	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997	05/07/2012	09/02/1997	05/07/2012	07/25/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Old AK7 Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56499	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997	05/07/2012	09/02/1997	05/07/2012	07/29/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1997		01/26/2004		01/07/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1997	03/20/2006	01/26/2004	03/20/2006	09/29/2007		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/25/1997		01/26/2004		10/06/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	10/31/2006	01/26/2004	10/31/2006	05/05/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1997		01/26/2004		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1997	02/01/2007	01/26/2004	02/01/2007	01/22/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1997		01/26/2004		09/02/2008		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1997	04/18/2006	01/26/2004	04/18/2006	11/17/2006	VE	TRUE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

56555	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997	01/18/2007	01/26/2004	01/18/2007	10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997		01/26/2004		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1997		01/26/2004		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56564	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1998		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997		01/26/2004	08/31/2005	02/04/2006	Filter Change	FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1997		01/26/2004		07/13/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1997		01/26/2004		09/29/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997		01/26/2004	09/22/2005	06/02/2006	Filter Change	FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997	08/17/2006	01/26/2004	08/17/2006	02/01/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1998		01/26/2004		10/13/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1998		01/26/2004	08/18/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56581	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1998		02/18/1998		05/08/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56582	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/15/1998		10/15/1998		05/04/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56584	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1998		02/26/1998		07/29/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56585	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1998		12/01/1998		05/12/2012		FALSE	FALSE	Old AK7 Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56589	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1998	07/10/2012	05/05/1998	07/10/2012	10/03/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56591	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1998		12/03/1998		08/09/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56592	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1998		03/16/1998		09/08/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56593	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1998	05/08/2012	02/26/1998	05/08/2012	11/06/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56594	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1998		12/01/1998		08/10/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56595	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1998		02/18/1998		05/25/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56596	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1998		05/05/1998		05/25/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1998		01/26/2004		01/21/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/1997	08/16/2005	01/26/2004	08/16/2005	09/14/2005	Filter Change	FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1997		01/26/2004		09/08/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1997		01/26/2004	08/31/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1997	10/26/2006	01/26/2004	10/26/2006	01/15/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1997	11/02/2006	01/26/2004	11/02/2006	05/13/2010		FALSE	FALSE	(require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1997		01/26/2004		12/14/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/16/1997		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56618	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1997	03/11/2010	07/10/1997	03/11/2010			FALSE	FALSE	RPKGD into 84802 84805 Suspected S3000 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
56619	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1997		01/26/2004	08/18/2005		Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1997		01/26/2004		10/13/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1997		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1997		01/26/2004		11/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1997		01/26/2004		04/27/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1997		01/26/2004		02/23/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1997	02/15/2006	01/26/2004	02/15/2006	04/29/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56644	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1997	05/08/2012	08/20/1997	05/08/2012	08/01/2012		FALSE	FALSE	VD1NCD1 revised on 051512 Old AK7 Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1997		01/26/2004	09/22/2005	02/24/2007	Filter Change	FALSE	FALSE	QTW Y 03/21/2006 QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997		01/26/2004	08/31/2005	02/04/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
56649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1997		01/26/2004		09/22/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1997		01/26/2004		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

56657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1997		01/26/2004		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1997		01/26/2004		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1997		01/26/2004	08/18/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1997		01/26/2004		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/1997		01/26/2004		09/18/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/1998	03/29/2006	01/26/2004	03/29/2006	02/23/2007	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1997		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1997		01/26/2004		03/22/2008		FALSE	FALSE	(require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56683	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1998		01/29/1998		07/05/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/1997		01/26/2004	08/18/2005	02/04/2006	Filter Change	FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1997	05/03/2006	01/26/2004	05/03/2006	09/30/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1997	01/18/2007	01/26/2004	01/18/2007	07/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1997	12/05/2006	01/26/2004	12/05/2006	10/10/2007		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1997	11/21/2006	01/26/2004	11/21/2006	05/08/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1997		01/26/2004		07/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1998	01/19/2007	01/26/2004	01/19/2007	06/28/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1998		01/26/2004		04/02/2009		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1998		01/26/2004		08/26/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56802	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1998		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1998		01/26/2004	08/31/2005	02/25/2006	Filter Change	FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1998		01/26/2004		02/06/2009		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/1998		01/26/2004	08/18/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1998	10/31/2006	01/26/2004	10/31/2006	05/22/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1998		01/26/2004		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1998		01/26/2004		05/02/2008		FALSE	FALSE	(require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1998		01/26/2004		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56817	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1998		03/14/1998		05/11/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1998		01/26/2004	08/18/2005	02/04/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1998		01/26/2004		09/07/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1998		01/26/2004	08/18/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1998		01/26/2004		09/16/2008		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/1998		01/26/2004	08/31/2005	02/25/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/1998		01/26/2004	08/31/2005	02/25/2006	Filter Change	FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56839	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1998		02/03/1998		06/17/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1998		01/26/2004		08/26/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56844	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1998		12/07/1998		06/01/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56858	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1998		03/24/1998		05/24/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56859	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1998		03/17/1998		06/09/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1998		01/26/2004		08/31/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1998		01/26/2004		09/19/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1998	11/02/2006	01/26/2004	11/02/2006	06/16/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1998		01/26/2004		08/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/1998	01/19/2007	01/26/2004	01/19/2007	09/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/1998		01/26/2004		09/30/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2002	02/13/2007	01/26/2004	02/13/2007	07/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1998		01/26/2004		06/01/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

56885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1998		01/26/2004		01/19/2008		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1998		01/26/2004		02/04/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1998		01/26/2004		12/14/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1998	02/15/2007	01/26/2004	02/15/2007	07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1998		01/26/2004		09/22/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1998	07/14/2005		07/14/2005	02/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
56902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1998		01/26/2004	09/22/2005	09/02/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/1998		01/26/2004		01/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56905	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1998		05/05/1998		08/10/2012		FALSE	FALSE	Old AK7 Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/27/1998		01/26/2004		02/04/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1998	02/13/2007	01/26/2004	02/13/2007	08/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1998		01/26/2004		12/03/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1998		01/26/2004		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1998		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
56916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1998		01/26/2004		07/15/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1998	02/20/2007	01/26/2004	02/20/2007	07/26/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56920	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1998		07/31/2006				FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1998	11/07/2006	01/26/2004	11/07/2006	06/23/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1998		01/26/2004		10/15/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1999		01/26/2004		07/13/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
56930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1998		01/26/2004		02/25/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995		01/13/1998		06/29/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= -
57010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1998		01/26/2004		06/22/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1998		01/26/2004		09/08/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1998		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1994	10/30/2006	01/26/2004	10/30/2006	04/27/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1998		01/26/2004		09/22/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/1998		08/28/2001		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/1995	10/04/2006	01/26/2004	10/04/2006	02/05/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1998		01/26/2004		07/12/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/2002		04/04/2002		04/02/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1999		07/31/2006		10/06/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/1998	11/01/2006	01/26/2004	11/01/2006	05/05/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1998		01/26/2004		08/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1998	02/12/2007	01/26/2004	02/12/2007	09/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1998	12/04/2006	01/26/2004	12/04/2006	05/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1998	11/17/2005	01/26/2004	11/17/2005	09/22/2008	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1998		01/26/2004		08/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1998		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1998		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/1998	10/30/2006	01/26/2004	10/30/2006	04/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1999		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1998		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1998		01/26/2004		12/03/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

57131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1999		07/31/2006		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1998		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1998		01/26/2004		07/20/2009		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1998			03/21/2006	08/31/2006	Established Vent Date	FALSE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1998		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1999		01/26/2004		11/03/2006		FALSE	FALSE	P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
57140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1998		01/26/2004		02/13/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1999		01/26/2004		12/02/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1998		01/26/2004		08/23/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1998	01/22/2007	01/26/2004	01/22/2007	03/15/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1999		01/26/2004		11/16/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1999		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1998		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57174	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1999		01/15/1999		05/12/2012		FALSE	FALSE	Old AK7 Not 55-Gal --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57175	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1999		01/15/1999		05/25/2012		FALSE	FALSE	Old AK7 Not 55-Gal --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57179	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1999	07/12/2012	01/26/1999	07/12/2012	10/05/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57180	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1999		11/18/1999		05/13/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1999		01/26/2004		02/23/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1999	12/05/2006	01/26/2004	12/05/2006	05/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57187	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1999		02/03/1999		08/08/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1999	06/02/2004	01/26/2004	06/02/2004	07/08/2007		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/1999		01/26/2004		08/08/2012		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1999		01/26/2004		05/31/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1999		01/26/2004		10/15/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57192	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1999	03/15/2010	02/02/1999	03/15/2010		VE	TRUE	FALSE	RPKGD into 84858 84859 SUSPECTED S3000 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
57196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1999	03/27/2006	01/26/2004	03/27/2006	12/09/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2002	11/08/2006	07/31/2006	11/08/2006	07/21/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1998		01/26/2004		08/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57209	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1995		01/26/2004				FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57210	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1995		01/26/2004				FALSE	FALSE	Old AK7 QTW2308 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997		01/26/2004		11/02/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997		01/26/2004		05/12/2010		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997		01/26/2004		09/18/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997		01/26/2004		11/02/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1994		01/26/2004		09/18/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57219	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1998		05/31/2001				FALSE	FALSE	P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1996		01/26/2004		09/21/2007		FALSE	FALSE	Old AK7 --- P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1995		01/26/2004		09/21/2007		FALSE	FALSE	Old AK7 --- P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995		01/26/2004		11/02/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995		01/26/2004		12/14/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57287	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1994		01/26/2004		01/26/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	10/05/2006	01/26/2004	10/05/2006	02/05/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1995		01/26/2004		09/06/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57387	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2002	03/30/2010	05/18/2002	03/30/2010		VE	TRUE	FALSE	RPKGD into 84971 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT

57388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2002		01/02/2002		02/07/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2001	02/25/2005	01/26/2004	02/25/2005	09/16/2006	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001		01/26/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2001	02/18/2005	01/26/2004	02/18/2005	11/02/2006	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/2001		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001		07/19/2001		02/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/2001	02/17/2005	01/26/2004	02/17/2005	05/22/2006	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001		01/26/2004		05/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57408	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1999		09/01/1999		09/09/2012		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57413	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1999		01/12/1999		05/08/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
57417	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1999		01/13/1999		05/16/2012		FALSE	FALSE	Np-237 --- P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57501	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1998		05/31/2001				FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1995	04/03/2006	01/26/2004	04/03/2006	09/22/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1995		01/26/2004		01/26/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1995		01/26/2004		02/10/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57510	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1998		06/07/2001				FALSE	FALSE	P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		09/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981			09/11/2006	01/26/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981			09/20/2006	10/15/2007	Established Vent Date	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981			10/17/2006	11/30/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980			04/18/2006	11/17/2006	Established Vent Date	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981			10/19/2006	02/01/2008	Established Vent Date	FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57609	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2002		05/28/2002		09/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1999		01/26/2004		09/13/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1999		01/26/2004		09/12/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1999		01/26/2004		07/13/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1999		01/26/2004		10/15/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1998		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1999		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1998		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1999		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1999		04/08/1999		11/13/2012		FALSE	FALSE	REQUIRE OVERPACKING --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1999		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1999		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57735	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1999		01/26/2004				FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1999		07/31/2006		02/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1998		11/04/1998		02/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1998	12/08/2006	01/26/2004	12/08/2006	06/09/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1998		01/26/2004		06/08/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57763	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1999		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1999		01/26/2004		05/03/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1998		01/26/2004		12/07/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/1999		01/26/2004		10/26/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1999		01/26/2004		06/11/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57778	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2003		05/21/2003		05/16/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

57779	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2002		10/22/2002		05/08/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1999		07/31/2006		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1999		01/26/2004		09/14/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57785	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1999	07/03/2012	08/04/1999	07/03/2012	11/17/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1999		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1999		01/26/2004		12/10/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1999		01/26/2004		12/10/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1999		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57796	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/1999	04/16/2010	06/30/1999	04/16/2010			FALSE	FALSE	RPKGD into 85279 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
57799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1999		01/26/2004		06/10/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57888	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2001		08/29/2001		07/10/2012		FALSE	FALSE	Old AK7 Not 55-Gal — P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57889	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2001		08/29/2001		08/08/2012		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57891	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2001		09/18/2001		09/08/2012		FALSE	FALSE	Old AK7 Not 55-Gal — P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2000	01/04/2007	07/31/2006	01/04/2007	07/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2000		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2000		07/31/2006		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1999	01/31/2007	01/26/2004	01/31/2007	06/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1999	03/07/2005	01/26/2004	03/07/2005	11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2000		07/31/2006		03/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1999	10/12/2006	01/26/2004	10/12/2006	05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57965	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/1999		01/26/2004		05/04/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2000	01/22/2007	01/26/2004	01/22/2007	07/12/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57972	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2000		03/24/2000		08/19/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57973	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2000		03/24/2000		05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57977	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1999		12/14/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2000		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2000		05/09/2001		07/20/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57981	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1999		12/14/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2000		01/26/2004		12/10/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1999		01/26/2004		05/07/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2000		01/26/2004		12/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2000		05/11/2001		01/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
57990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1999		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2000		01/26/2004		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/08/1999		01/26/2004		06/10/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1999		01/26/2004		12/10/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1999		01/26/2004		07/29/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
57997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1999		07/31/2006		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
57998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1999		01/26/2004		07/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
57999	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2002		03/18/2002		05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1999		01/26/2004		09/24/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58003	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1999		12/14/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/1999		06/10/1999		03/24/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
58013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1999		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1999		01/26/2004		08/31/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1999		07/31/2006		07/23/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

58020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2008		01/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58021	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1999	12/22/2009	08/19/1999	12/22/2009			FALSE	FALSE	RPKGD into 83815 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
58024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1999	02/20/2007	01/26/2004	02/20/2007	06/24/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1999		01/26/2004		12/10/2005		FALSE	FALSE	QTW Y 03/21/2008 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1999		07/31/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1999		01/26/2004		03/01/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1999		08/23/1999		11/12/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1999		01/26/2004		07/20/2007		FALSE	FALSE	Old AK7 QTW2308 (require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58037	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1999		08/12/1999		07/20/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58038	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2000		02/02/2000		05/17/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1999		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1999		08/30/1999		03/21/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1999		07/31/2008		07/28/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1999		01/26/2004		01/11/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1999		01/26/2004		11/17/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1999		01/26/2004		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58045	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1999	11/30/2009	08/11/1999	11/30/2009		VE	TRUE	FALSE	RPKGD into 83875 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
58046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1999		01/26/2004		11/30/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2000		01/26/2004		03/06/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1999		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1999		09/09/1999		08/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/2000	08/18/2005	01/26/2004	08/18/2005	09/14/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1999		07/31/2006		01/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1999		07/31/2006		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2001		01/26/2004		06/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2000		01/26/2000		11/07/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2000		01/26/2004		06/02/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1999		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1999		01/26/2004		08/04/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1999		01/26/2004		01/11/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1999		01/26/2004		08/08/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1999		01/26/2004	08/18/2005	02/04/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1999		01/26/2004		02/26/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58102	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1999		12/06/1999		05/13/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2000		01/26/2004		08/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58108	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2001		11/14/2001		05/13/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2000		12/12/2000		09/21/2013		FALSE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 071413
58110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2000		01/26/2004		11/02/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2000		07/31/2006		02/11/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58115	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2003	05/03/2010	05/21/2003	05/03/2010			FALSE	FALSE	RPKGD into 85375 Suspected S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
58116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/2000		01/26/2004		12/07/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2000		01/26/2004		09/30/2008		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2000		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2000		07/31/2006		12/09/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2000		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

58128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2000		04/18/2000		06/12/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/29/2000		01/26/2004		03/07/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2000	05/09/2005	01/26/2004	05/09/2005	09/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58133	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1999		12/14/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2000		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2000		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1999	07/14/2005	01/26/2004	07/14/2005	02/17/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58147	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2000		10/24/2000				FALSE	FALSE	RE-ASSIGNED TO MHD01 FROM MIN02-V ON 080912 P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/2000		01/26/2004		09/30/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/2000		01/26/2004		12/07/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58161	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2001		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/2000		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58168	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2000	03/30/2010	11/06/2000	03/30/2010		VE	TRUE	FALSE	RPKGD into 84969 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
58171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1999		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2000		01/26/2004		02/03/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/2000		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2000		01/26/2004		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2000		07/31/2006		11/04/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2000	03/29/2006	01/26/2004	03/29/2006	07/26/2007	VE	TRUE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2002	02/09/2006	01/26/2004	02/09/2006	10/17/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2000		02/23/2000		07/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2000		01/26/2004		07/26/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/2000		07/31/2006		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes - 0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2002		01/26/2004		05/09/2010		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2000		01/26/2004		05/05/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2001		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2000	01/18/2007	01/26/2004	01/18/2007	07/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58197	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/2000	11/17/2010	12/14/2000	11/17/2010			FALSE	FALSE	RPKGD into 87529 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
58198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2001		01/26/2004		09/24/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/2001		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2000		01/26/2004		08/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/2001		01/26/2004		08/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/2000		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2001		01/26/2004		06/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2001		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001		07/31/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2001		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2000		01/26/2004		06/10/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2000		01/26/2004		06/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2000		01/26/2004		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2000		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2001		01/26/2004		02/04/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2000		01/26/2004		06/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/2001		01/26/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

58321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2001		01/26/2004		06/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2002	05/11/2005	01/26/2004	05/11/2005	03/22/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2000		01/26/2004		02/25/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2001		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001		--- 07/31/2006		03/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2001		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001		07/31/2006		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58329	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2001	06/21/2012	11/08/2001	06/21/2012	01/03/2013		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2001		01/26/2004		08/26/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/2001		01/26/2004		09/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2000		01/26/2004		09/17/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2000		01/26/2004		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2000		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2001		01/26/2004		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/2000		01/26/2004		09/17/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2000		01/26/2004		08/10/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2000		01/26/2004		08/19/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2000		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2001		01/26/2004		06/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2001		01/26/2004		02/02/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001		07/31/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2000	01/24/2007	01/26/2004	01/24/2007	09/12/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2000	02/13/2007	01/26/2004	02/13/2007	07/03/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58353	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2000	12/21/2009	12/12/2000	12/21/2009			FALSE	FALSE	RPKGD into 83803 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
58355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2000		01/26/2004		07/21/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2000		01/26/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2000		01/26/2004		02/02/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2001	02/25/2005	01/26/2004	02/25/2005	08/28/2007	VE	TRUE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2000		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2001		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2001		01/26/2004		02/04/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001	06/11/2005	01/26/2004	06/11/2005	09/14/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2001		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/2001		01/26/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2001		07/31/2006		03/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes - 0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/2002	01/10/2006	01/26/2004	01/10/2006	04/07/2006		FALSE	FALSE	QTW Y QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001		01/26/2004		12/15/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001	05/09/2005	01/26/2004	05/09/2005	08/28/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58375	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2002	07/06/2012	03/19/2002	07/06/2012	09/27/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001	02/24/2005	01/26/2004	02/24/2005	09/22/2006	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2001		01/26/2004		11/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/2001	02/18/2005	01/26/2004	02/18/2005	07/07/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2001		01/26/2004		03/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2001		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

58384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/11/2001		01/26/2004		08/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	03/15/2001		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/07/2000		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/28/2000		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/13/2000		01/26/2004		02/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/13/2000		01/26/2004		09/10/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/22/2000		02/22/2000		05/16/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
58398	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	02/22/2000	11/09/2009	02/22/2000	11/09/2009			FALSE	FALSE	RPKGD into 83559 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
58501	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2000		12/15/2000		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58502	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58503	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58504	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58505	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58506	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58507	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2000		12/15/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58508	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58509	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58510	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58511	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58512	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58513	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/06/2000		12/06/2000		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58514	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/20/2001	07/18/2001		07/18/2001	07/15/2012	VE	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
58515	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/20/2001		02/20/2001		08/25/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=WMC HOLD
58516	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/20/2001		02/20/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58517	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/20/2001		02/20/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58518	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/20/2001		02/20/2001		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58519	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/21/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58520	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58521	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58522	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		09/20/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58523	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58524	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58525	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58526	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58527	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58528	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58529	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58530	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58531	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58532	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58533	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58534	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58535	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/15/2001		01/15/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58536	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58537	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2001		01/18/2001		07/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58538	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/17/2001	07/18/2001		07/18/2001	07/15/2012	VE	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=

58539	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58540	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58541	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/17/2001		01/17/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58542	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/17/2001		01/17/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58543	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/17/2001		01/17/2001		08/25/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate= HOLD_FLAG=WMC HOLD
58544	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/15/2001		01/15/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58545	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58546	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58547	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/15/2001		01/15/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58548	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58549	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58550	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58551	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58552	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58553	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58554	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58555	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/15/2001		01/15/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58556	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58557	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/15/2001		01/15/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58558	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58559	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/15/2001		01/15/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58560	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58561	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58562	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58563	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58564	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/16/2001		01/16/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58568	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100		08/29/2005		08/29/2005	08/13/2006	Repackaged	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58568	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/17/2003		07/17/2003		01/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58569	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58570	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58571	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58572	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58573	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58574	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58575	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58576	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58577	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58578	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58579	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58580	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58581	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58582	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58583	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58584	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58585	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=
58586	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2001		03/07/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verdate=[NULL] HOLD_FLAG=

58587	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58588	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001	07/18/2001		07/18/2001	07/15/2012	VE	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
58589	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58590	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58591	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58592	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58593	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58594	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58595	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58596	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58597	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58598	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58599	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58600	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58601	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58602	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58603	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58604	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58605	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/29/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58606	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58607	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58608	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58609	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58610	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58611	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001	07/18/2001		07/18/2001	07/15/2012	VE	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
58612	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58613	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58614	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		09/20/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58615	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58616	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001	07/18/2001		07/18/2001	07/15/2012	VE	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
58617	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58618	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58619	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58620	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58621	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58622	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58623	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58624	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58625	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58626	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58627	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58628	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58629	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2001		03/05/2001		09/20/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58630	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58631	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58632	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2001	08/29/2005	05/15/2001	08/29/2005	08/13/2005	Repackaged	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

58633	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100		08/29/2005		09/29/2005	08/13/2005	Repackaged	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58634	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/14/2002	08/29/2005	08/14/2002	09/29/2005	08/13/2005	Repackaged	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58635	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/20/2001		09/20/2001		12/01/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58636	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/27/2001		09/27/2001		11/03/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58637	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/25/2001		09/25/2001		11/03/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
58638	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/26/2001		09/26/2001		09/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58639	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/26/2001		09/26/2001		07/17/2013		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
58640	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/26/2001		09/26/2001		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58641	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/25/2001		09/25/2001		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58642	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		08/11/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58643	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/26/2001		09/26/2001		10/08/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
58644	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/26/2001		09/26/2001		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58645	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58646	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58647	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58648	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58649	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/27/2001		09/27/2001		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58650	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/27/2001		09/27/2001		11/03/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
58651	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2001		12/04/2001		09/20/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58652	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58653	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58654	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58655	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58656	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58657	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58658	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58659	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58660	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58661	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58662	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58663	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58664	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58665	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58666	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58667	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58668	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58669	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58670	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58671	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58672	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58673	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/21/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58674	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2002		05/01/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58675	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2002		04/30/2002		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

58677	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/19/2002		03/19/2002		09/20/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58678	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/19/2002		03/19/2002		09/20/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58679	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/11/2002		04/11/2002		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58680	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/17/2002		04/17/2002		08/04/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58681	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/11/2002		04/11/2002		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58682	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/15/2002	06/29/2005	08/15/2002	06/29/2005	04/13/2006	Repackaged	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58684	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2002		07/26/2002		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58685	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2002		07/26/2002		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58688	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2002		07/26/2002		04/01/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58687	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2002		07/26/2002		09/20/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58688	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2002		07/26/2002		04/28/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=D HOLD_FLAG=
58689	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2002		07/26/2002		04/28/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58690	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/15/2002		08/15/2002		11/03/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58691	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/16/2002		10/16/2002		08/11/2013		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58692	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/15/2002		08/15/2002		09/29/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
58693	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/16/2002		09/16/2002		10/08/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58694	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/18/2002		09/18/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58695	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/17/2002		09/17/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58696	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2002		09/19/2002		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58697	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2002		09/19/2002		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58698	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2002		09/19/2002		10/08/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58699	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/25/2002		09/25/2002		05/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58700	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/25/2002		09/25/2002		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58701	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/16/2002		10/16/2002		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58702	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/21/2003		07/21/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58703	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/08/2003		08/08/2003		03/25/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58704	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/24/2002		10/24/2002		06/18/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58705	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/24/2002		10/24/2002		06/18/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58706	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/10/2002		10/10/2002		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58707	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58708	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58709	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58710	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58711	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58712	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58713	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58714	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58715	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58716	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58717	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2002		11/13/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58718	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58719	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58720	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58721	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

58722	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58723	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58724	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58725	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58726	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		10/08/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58727	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/14/2002		11/14/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58728	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/18/2002		11/18/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58729	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/18/2002		11/18/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58730	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/18/2002		11/18/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58731	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/18/2002		11/18/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58732	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/18/2002		11/18/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58733	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58734	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58735	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58736	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58737	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58738	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58739	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		06/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58740	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		08/18/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58741	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=[NULL] HOLD_FLAG=
58742	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=A HOLD_FLAG=
58743	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=A HOLD_FLAG=
58744	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=A HOLD_FLAG=
58745	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=A HOLD_FLAG=
58746	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=A HOLD_FLAG=
58747	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=A HOLD_FLAG=
58748	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58749	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58750	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58751	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Venddate=A HOLD_FLAG=
58752	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		12/02/2012		TRUE		MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58753	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		09/29/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58754	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		04/01/2012		TRUE		MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58755	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58756	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		09/29/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58757	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		04/01/2012		TRUE		MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58758	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		08/18/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58759	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/15/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58760	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2002		11/19/2002		07/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58761	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58762	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58763	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		04/01/2012		TRUE		MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=
58764	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Venddate=A HOLD_FLAG=

58765	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58766	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/15/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58767	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		04/01/2012		TRUE		MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58768	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/19/2012		TRUE		MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58769	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58770	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58771	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58772	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58773	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58774	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58775	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58776	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58777	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58778	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
58779	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
58780	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58781	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58782	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58783	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58784	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		10/18/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58785	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58786	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58787	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58788	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58789	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58790	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58791	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2002		11/20/2002		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58792	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2005		07/26/2005		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58793	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		08/28/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58794	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58795	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		07/17/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58796	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		08/28/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58797	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		04/01/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58798	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
58799	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		09/29/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
58823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1998		01/26/2004		08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1990		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1997		01/26/2004		05/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1991		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		01/14/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

58842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		06/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	12/14/2005	01/26/2004	12/14/2005	06/01/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	02/08/2006	01/26/2004	02/08/2006	11/30/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58846	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1996		01/26/2004		03/29/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1996		01/26/2004		03/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1999		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/1991		01/26/2004		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1996		01/26/2004		10/13/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1992		01/26/2004		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1990		01/26/2004		02/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/1989		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993		01/26/2004		12/20/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
58889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1991		01/26/2004		06/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1993		01/26/2004		05/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
58895	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2001		01/26/2004		08/19/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2001		01/26/2004		03/16/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001	02/18/2005	01/26/2004	02/18/2005	05/08/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001	02/17/2005	01/26/2004	02/17/2005	11/10/2013	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001	05/10/2005	01/26/2004	05/10/2005	08/26/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001		06/22/2001		07/20/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/2002		01/26/2004		12/07/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2001		01/26/2004		06/10/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001	06/13/2005	01/26/2004	06/13/2005	09/14/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2001		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2001		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2001		01/26/2004		05/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2001	04/08/2004	01/26/2004	04/08/2004	09/14/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2001		07/24/2001		07/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2001		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2001		01/26/2004		06/03/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2001		01/26/2004		02/14/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2001		01/26/2004		07/03/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2001		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2001	02/10/2005	01/26/2004	02/10/2005	06/03/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59029	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/2001		07/31/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/15/2001		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2001		01/26/2004		06/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/15/2001	04/08/2004	01/26/2004	04/08/2004	07/17/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2001		01/26/2004		09/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

59034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/14/2002		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/2001		01/26/2004		08/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/16/2001		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/13/2001	04/29/2005	01/26/2004	04/29/2005	07/27/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/02/2001		10/02/2001		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/11/2001	05/09/2005	01/26/2004	05/09/2005	08/03/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/10/2001		12/10/2001		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/2002		07/31/2006		03/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/26/2002		07/31/2006		03/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/10/2001	04/08/2004	01/26/2004	04/08/2004	09/11/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/17/2001		01/26/2004		08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/23/2001		01/26/2004		01/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/01/2001	04/08/2004	01/26/2004	04/08/2004	07/27/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/01/2001	03/01/2005	01/26/2004	03/01/2005	07/07/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/06/2001		01/26/2004		09/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/07/2001		01/26/2004		12/15/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/05/2001		01/26/2004		12/15/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/23/2002		01/26/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/05/2001		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59057	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/03/2002		07/31/2006		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/23/2002		01/26/2004		12/10/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/28/2001		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59061	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/05/2001		01/26/2004		12/15/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/28/2002		01/26/2004		07/27/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/28/2002		01/26/2004		03/10/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/07/2001		01/26/2004		02/04/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/24/2001	02/28/2005	01/26/2004	02/28/2005	01/08/2007	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/17/2001		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/2001	03/01/2005	01/26/2004	03/01/2005	07/07/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/13/2002		07/31/2006		03/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/14/2002		07/31/2006		03/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/17/2002	05/13/2005	07/17/2002	05/13/2005	08/28/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/27/2001		09/27/2001		07/07/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59077	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/27/2001		09/27/2001		07/07/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/15/2001	02/14/2005	01/26/2004	02/14/2005	07/17/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/07/2001		01/26/2004		12/10/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/02/2001	02/23/2005	01/26/2004	02/23/2005	05/22/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/22/2001		01/26/2004		06/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/21/2001	12/12/2006	01/26/2004	12/12/2006	01/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/22/2001		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/19/2001	05/10/2005	01/26/2004	05/10/2005	08/28/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59090	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	06/22/2001	12/18/2009	06/22/2001	12/18/2009			FALSE	FALSE	RPKGD into 83785 Suspected S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
59092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/22/2001		01/26/2004		05/03/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/19/2001		07/19/2001		07/20/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/25/2001		08/25/2001		02/21/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/04/2001		01/26/2004		08/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

59097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2001		07/31/2006		03/17/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2001		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982		01/26/2004		06/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		02/14/2003		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	03/01/2006	01/26/2004	03/01/2006	10/26/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/26/2004		08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/26/2004		05/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		03/06/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986		01/26/2004		03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	02/28/2006	01/26/2004	02/28/2006	10/26/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	02/06/2006	01/26/2004	02/06/2006	06/01/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	02/28/2006	01/26/2004	02/28/2006	10/28/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	06/18/2005	01/26/2004	06/18/2005	09/21/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1991	07/14/2005	01/26/2004	07/14/2005	02/14/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		01/26/2004		11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		12/15/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/25/2008	01/26/2004	01/25/2008	03/04/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		10/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986		01/26/2004		06/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	01/19/2006	01/26/2004	01/19/2006	04/13/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		03/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/24/2006	01/26/2004	02/24/2006	11/18/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	03/07/2006	01/26/2004	03/07/2006	09/15/2012		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/26/2004		08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		06/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		01/26/2004		11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/02/2005	01/26/2004	05/02/2005	01/16/2014		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59131	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		01/26/2004				FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/1997		01/26/2004		09/10/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		03/07/2003		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59136	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		11/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		03/05/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	02/21/2007	01/26/2004	02/21/2007	09/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59141	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986		01/26/2004		12/15/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986		01/26/2004		03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985		01/26/2004		06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	10/18/2006	03/13/2003	10/18/2006	05/27/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/24/2006	01/26/2004	02/24/2006	08/31/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	10/10/2006	01/26/2004	10/10/2006	03/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986		01/26/2004		08/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/11/2006	01/26/2004	10/11/2006	03/10/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986		01/26/2004		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1988		01/26/2004		06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

59164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/26/1988	03/07/2006	01/26/2004	03/07/2006	10/17/2007		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59165	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/11/1997		01/26/2004				FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/19/1986		01/26/2004		07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/19/1986	02/24/2006	01/26/2004	02/24/2006	10/26/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/17/1985	10/17/2006	03/20/2003	10/17/2006	05/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/19/1986		03/21/2003		05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985	01/23/2006	03/21/2003	01/23/2006	09/30/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/17/1983	06/08/2005	03/21/2003	06/08/2005	01/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/18/1986	01/18/2007	03/24/2003	01/18/2007	08/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/24/1987		01/26/2004		06/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/24/1987		01/26/2004		03/23/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/07/1987		01/26/2004		06/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/16/1986	04/28/2005	03/25/2003	04/28/2005	07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/24/1987	10/17/2006	03/25/2003	10/17/2006	04/27/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/16/1986	04/26/2005	03/25/2003	04/26/2005	05/25/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/06/1986	02/27/2006	01/26/2004	02/27/2006	10/14/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/1988	01/17/2007	01/26/2004	01/17/2007	04/16/2011		FALSE	FALSE	(require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/01/1986	06/14/2005	03/26/2003	05/14/2005	05/17/2011	VE	TRUE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/13/1986	03/08/2006	01/26/2004	03/08/2006	06/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/08/1986	07/15/2005	01/26/2004	07/15/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/20/1985	02/24/2006	01/26/2004	02/24/2006	10/26/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/09/1985	11/20/2005	01/26/2004	11/20/2005	04/09/2008	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	02/27/2006	01/26/2004	02/27/2006	11/09/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/20/1986	02/08/2006	01/26/2004	02/06/2006	11/05/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985	01/31/2007	01/26/2004	01/31/2007	08/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/10/1998		01/26/2004		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/07/1998		01/26/2004		04/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/30/1998		01/26/2004		10/25/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/18/1999		01/26/2004		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/30/1999	02/23/2007	01/26/2004	02/23/2007	09/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/30/1999		01/26/2004		06/02/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/07/1989		01/26/2004		04/21/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/25/1987		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/22/1993		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/13/1989		01/26/2004		11/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/18/1988		01/26/2004		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/04/1998		01/26/2004		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/16/1981		01/26/2004		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/15/1980		01/26/2004		04/20/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/20/1980		01/26/2004		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1989		01/26/2004		09/07/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/08/1981		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/29/1981		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/14/1987		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/18/1980		01/26/2004		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/08/1989		01/26/2004		09/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

59262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1991		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		10/24/2002		05/15/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1995		01/26/2004		08/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		10/30/2002		03/18/2012		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		10/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1992		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1989		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		07/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2002		11/05/2002		01/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2002		11/06/2002		02/22/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		06/09/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		12/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/26/2004		03/15/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1999		01/26/2004		02/24/2012		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		11/19/2002		05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
59292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988		01/26/2004		06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		10/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		10/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		08/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		11/22/2002		06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985		11/22/2002		06/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
59298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1999		11/22/2002		04/14/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2001		01/26/2004		06/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2001		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2001	02/18/2005	01/26/2004	02/18/2005	05/08/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2001	02/23/2005	01/26/2004	02/23/2005	07/17/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2001	02/28/2005	01/26/2004	02/28/2005	02/28/2010	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2001		01/26/2004		07/27/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2001		01/26/2004		05/05/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2001		01/26/2004		06/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2001		01/26/2004		08/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2001		01/26/2004		02/25/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2001	03/01/2005	11/01/2001	03/01/2005	07/17/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2001	05/13/2005	12/03/2001	05/13/2005	08/28/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/2002		01/26/2004		12/10/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2001		01/26/2004		08/19/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2002		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2001		01/26/2004		10/18/2010		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2001	02/28/2005	01/26/2004	02/28/2005	09/22/2008	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2001		01/26/2004		12/15/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2001	02/15/2005	01/26/2004	02/15/2005	05/08/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2001		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2001	02/15/2005	01/26/2004	02/15/2005	07/07/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2002		07/31/2006		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

59330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2002		07/31/2006		03/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2002		07/31/2006		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2002	05/12/2005	01/26/2004	05/12/2005	04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2002		07/31/2006		07/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2001	02/25/2005	01/26/2004	02/25/2005	08/02/2007	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005		07/31/2006		03/15/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/2002		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2002		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2001	02/14/2005	01/26/2004	02/14/2005	09/11/2006	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/2001		01/26/2004		08/03/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2001		01/26/2004		09/30/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2002		01/28/2002		07/17/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2002		01/08/2002		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2001		01/26/2004		08/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/2001		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2002		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/2002		01/26/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2001		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/2002	11/21/2006	01/26/2004	11/21/2006	07/12/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2002		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes - 0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2002		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2001		01/26/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2001	02/15/2005	01/26/2004	02/15/2005	07/27/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/2002	02/28/2005	01/03/2002	02/28/2005	07/17/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2002		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2001	02/10/2005	01/26/2004	02/10/2005	05/22/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/2002		01/26/2004		08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2002	09/11/2005	01/26/2004	09/11/2005	09/11/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2001		01/26/2004		10/01/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2002		07/31/2006		06/23/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2002	02/14/2005	01/26/2004	02/14/2005	07/22/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/2002		01/26/2004		04/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2001		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2001	02/16/2005	01/26/2004	02/16/2005	05/22/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/2001		01/26/2004		08/26/2006		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2001		01/26/2004		02/04/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2001		01/26/2004		10/01/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2001		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/2002		01/26/2004		01/06/2008		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/2002	04/28/2004	01/26/2004	04/28/2004	04/06/2008	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003		07/31/2006		07/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59401	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2002	11/22/2010	09/17/2002	11/22/2010			FALSE	FALSE	RPKGD into 87593 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD_SPM HOLD - DO NOT
59404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2002	04/29/2005	04/03/2002	04/29/2005	08/21/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2002		01/26/2004		08/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2002		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

59408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2002		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59410	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2002	02/11/2005	01/28/2004	02/11/2005	06/19/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59412	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2002	02/11/2005	01/28/2004	02/11/2005	07/07/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/2002		01/28/2004		03/20/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59416	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2002		07/31/2006		05/18/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2002		07/31/2006		01/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2002		01/28/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/16/2002	02/24/2005	01/28/2004	02/24/2005	05/08/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59423	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2002		01/28/2004		08/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2002	05/12/2005	01/28/2004	05/12/2005	08/28/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2002		01/28/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2002		07/17/2002		02/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2002		01/28/2004		05/25/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2002		01/28/2004		11/02/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2002		01/28/2004		02/13/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2003		01/28/2004		06/08/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2002	02/28/2005	01/28/2004	02/28/2005	07/22/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2002		01/28/2004		10/13/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2002		01/28/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2002		01/28/2004		11/30/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2002		01/28/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2002		03/25/2002		07/07/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2002		01/28/2004		11/16/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2002		01/28/2004		06/04/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2002		01/28/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59454	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2002	02/24/2005	01/28/2004	02/24/2005	04/28/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2002		01/28/2004		03/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2003		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2002		01/28/2004		09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2002		07/31/2006		03/07/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59461	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/2002		01/28/2004		02/25/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2002		01/28/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59469	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2002		01/28/2004		05/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2002	05/12/2005	01/28/2004	05/12/2005	08/21/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/2002		01/28/2004		09/08/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2002		01/28/2004		12/10/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2002		01/28/2004		12/10/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2002		01/28/2004		08/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/2002		01/28/2004		07/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/2002		01/28/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2002		01/28/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59486	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2002	01/11/2010	09/05/2002	01/11/2010		VE	TRUE	FALSE	RPKGD Into 83899 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
59488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003		07/31/2006		08/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

59489	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		02/08/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/24/2002		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2002		01/26/2004		07/07/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2002		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		03/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2002		01/26/2004		05/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2003		07/31/2006		02/24/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59496	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002	02/10/2006	01/26/2004	02/10/2006	06/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59499	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2002		01/26/2004		08/29/2006		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59600	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2013		01/08/2013				FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=Yes > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59601	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2013		01/08/2013				FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59678	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2004	06/06/2012	02/13/2004	06/06/2012	09/19/2012		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59679	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2007	11/05/2012	02/27/2007	11/05/2012	03/09/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2004		02/13/2004		07/02/2010		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2004		02/13/2004		07/28/2010		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2004		02/13/2004		07/28/2010		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003		07/17/2003		08/09/2012		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2002		01/26/2004		08/29/2006		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/2002		01/26/2004		09/18/2006		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2002		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2002		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002		07/31/2006		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2003		06/26/2003		03/24/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2002		01/26/2004		06/02/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2002		07/31/2006		11/16/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/2002		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2002		07/31/2006		02/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2002	02/10/2005	01/26/2004	02/10/2005	05/08/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2002		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2002		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2002		01/26/2004		12/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2002	02/17/2005	01/26/2004	02/17/2005	05/08/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2002	02/22/2005	01/26/2004	02/22/2005	05/08/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2002		01/26/2004		05/04/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2002		01/26/2004		07/07/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2002		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59723	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/16/2002		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2003		01/26/2004		11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2002		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=

59733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2002		01/26/2004		11/10/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2002		01/26/2004		02/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2002	02/17/2005	01/26/2004	02/17/2005	05/22/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/2002		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2002		01/26/2004		05/04/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2002		01/26/2004		07/29/2007		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2002		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2002	02/16/2005	01/26/2004	02/16/2005	06/03/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/2002	02/16/2005	01/26/2004	02/16/2005	09/16/2006	VE	TRUE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2002		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2002	04/04/2006	01/26/2004	04/04/2006	09/02/2006		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2002	05/02/2005	01/26/2004	05/02/2005	08/21/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2002	02/15/2005	01/26/2004	02/15/2005	06/18/2005	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59751	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2002		01/26/2004		07/27/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2002		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2003		03/27/2003		02/18/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
59755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2002		07/31/2006		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2002		01/26/2004		06/03/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59757	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2002	02/22/2005	01/26/2004	02/22/2005	05/22/2005	VE	TRUE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2002		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
59759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2002		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2002	05/09/2005	01/26/2004	05/09/2005	08/21/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2002	08/23/2006	01/26/2004	08/23/2006	09/06/2009	VE	TRUE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59765	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2003	05/06/2010	03/26/2003	05/06/2010			FALSE	FALSE	RPKGD Into 85473 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
59766	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2002		01/26/2004		05/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/2002	02/23/2005	01/26/2004	02/23/2005	05/22/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003		07/31/2006		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2003	02/24/2006	01/26/2004	02/24/2006	09/29/2006		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/2002		01/26/2004		06/18/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2003		07/31/2006		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/2002		01/26/2004		03/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/2002		01/26/2004		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2002	02/22/2005	01/26/2004	02/22/2005	07/07/2005	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002	05/03/2005	01/26/2004	05/03/2005	08/21/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/2002		01/26/2004		07/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		04/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59788	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002		01/26/2004				FALSE	FALSE	MT83 — P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2003		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2003		07/31/2006		06/14/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
59793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2002		01/26/2004		09/02/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=

59784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002		01/26/2004		09/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2003	02/27/2006	01/26/2004	02/27/2006	09/02/2006		FALSE	FALSE	OTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Unknown, Actual_Default_Ventdate=D HOLD_FLAG=
59786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003		07/31/2006		06/07/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59789	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2002		10/23/2002		08/08/2012		FALSE	FALSE	Not 55-Gal — P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
59900	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59901	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2003		04/16/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59902	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2003		01/29/2003		04/01/2012		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
59903	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2003		01/29/2003		06/11/2011		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
59904	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/09/2003		09/09/2003		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59908	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/19/2003		02/19/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59909	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59910	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/20/2003		02/20/2003		07/19/2012		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
59911	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		07/17/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
59912	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		07/17/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
59913	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		07/17/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
59914	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		07/17/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
59915	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		07/19/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
59916	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59917	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59918	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59919	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59920	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59921	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59922	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59923	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59924	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59925	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59926	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59927	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59928	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59929	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2003		03/11/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59930	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59931	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59932	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59933	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
59934	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		09/29/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
59935	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59936	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		08/18/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59937	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/25/2003		08/25/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59938	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59939	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59940	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=

59941	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59942	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59943	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59944	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59945	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59946	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2003		08/24/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59947	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59948	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2012		08/18/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59949	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2003		03/12/2003		09/28/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
59950	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		09/28/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59951	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59952	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		06/18/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59953	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		06/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59954	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59955	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		06/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59956	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59957	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		04/01/2012		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59958	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		06/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59959	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59960	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2012		06/26/2012		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59961	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/22/2008		07/22/2008		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59962	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59963	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59964	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59965	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59966	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59967	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59968	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59969	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59970	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59971	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/18/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59972	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/18/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59973	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/18/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59974	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59975	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2003		03/31/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59976	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59977	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59978	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59979	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59980	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59981	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59982	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
59983	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59984	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59985	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		06/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=

59986	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59987	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59988	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59989	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59990	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59991	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59992	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2003		04/01/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59993	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59994	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59995	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
59996	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59997	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
59998	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
59999	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60000	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60001	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60002	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60003	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/26/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60004	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60005	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60006	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60007	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60008	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60009	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60010	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60011	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/02/2003		04/02/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60012	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60013	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60014	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60015	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60016	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60017	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60018	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60019	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60020	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60021	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60022	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60023	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60024	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60025	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60026	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60027	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60028	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60029	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60030	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60031	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2003		04/03/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=

60032	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60033	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60034	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60035	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60036	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60037	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60038	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60039	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60040	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60041	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60042	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60043	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60044	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		10/18/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60045	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60046	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60047	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60049	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60050	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60052	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60053	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2003		04/04/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60054	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60055	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60057	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60058	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60059	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60060	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60061	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60062	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60063	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60064	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60065	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60068	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60067	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60068	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60069	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60070	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60071	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		07/20/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60072	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2003		04/08/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60073	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2003		08/24/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60074	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2003		08/24/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60075	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2003		08/24/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60076	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2003		08/24/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60077	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/25/2003		08/25/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60078	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/02/2003		08/02/2003		08/12/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60079	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/02/2003		08/02/2003		08/12/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60080	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/02/2003		08/02/2003		08/12/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

60081	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60082	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		10/08/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60083	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60084	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60085	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/05/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60086	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/05/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60087	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/05/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60088	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/05/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60089	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60090	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60091	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60092	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60093	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60094	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003				07/19/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=WMC HOLD
60095	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		08/05/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60096	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		07/19/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60097	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2003		06/02/2003		07/19/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60098	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60099	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		03/23/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		04/20/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/17/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		03/25/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2002		01/26/2004		08/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/04/2003	02/24/2006	01/26/2004	02/24/2006	10/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003		07/31/2006		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2002		01/26/2004		08/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2002		01/26/2004		01/11/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2002	05/24/2006	01/26/2004	05/24/2006	08/23/2009	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	03/25/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60117	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2003		01/26/2004				FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/01/2003		07/31/2006		12/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2002	02/27/2006	01/26/2004	02/27/2006	08/28/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/25/2002		01/26/2004		11/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003		07/31/2006		05/05/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2002		01/26/2004		02/02/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2002		01/26/2004		08/02/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003		07/31/2006		04/10/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/17/2003	01/17/2007	07/31/2006	01/17/2007	09/12/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/07/2003		07/31/2006		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/01/2003		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/01/2003		07/31/2006		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/01/2003		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

60138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003		07/31/2006		04/12/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60141	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003		07/31/2006		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2003		07/31/2006		07/23/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		01/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60148	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	05/13/2010	05/19/2003	05/13/2010			FALSE	FALSE	RPKGD into 85588 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003		07/31/2006		09/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2003	02/23/2006	01/26/2004	02/23/2006	11/05/2006		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2003		01/26/2004		01/18/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2003		07/31/2006		12/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003		07/31/2006		04/04/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003		07/31/2006		04/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003		07/31/2006		07/23/2009		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2002		01/26/2004		06/15/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	02/24/2006	01/26/2004	02/24/2006	10/12/2012		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2002		01/26/2004		06/26/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2003	02/22/2006	01/26/2004	02/22/2006	10/14/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2003		01/26/2004		02/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		01/26/2004		10/05/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2003	02/09/2006	01/26/2004	02/09/2006	08/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60172	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/2003		02/05/2003		05/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60174	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2003		05/12/2003		10/30/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2003		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2003		01/26/2004		02/14/2008		FALSE	FALSE	(require overpacking) Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2003		01/26/2004		06/11/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2004		01/26/2004		07/26/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2003		01/26/2004		02/23/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2003		01/26/2004		11/17/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2003		01/26/2004		12/09/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003		07/31/2006		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	02/23/2006	01/26/2004	02/23/2006	08/08/2012		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2003		01/26/2004		06/07/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2003		01/26/2004		07/26/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2003	02/09/2006	01/26/2004	02/09/2006	08/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

60197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/22/2003		07/31/2006		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/22/2003		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60200	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2003		04/07/2003		06/30/2010		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60201	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AKB,MT_83=N/A AKB,MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60202	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		08/18/2012		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60203	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		08/18/2012		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60204	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		07/19/2012		TRUE	TRUE	MT42=N/A - AKB,MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate= HOLD_FLAG=
60205	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		09/29/2012		TRUE	TRUE	MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate HOLD_FLAG=
60206	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60207	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/02/2009		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60208	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/01/2012		TRUE		MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60209	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60210	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/01/2012		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60211	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/19/2012		TRUE		MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60212	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/19/2012		TRUE		MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60213	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		07/19/2012		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60214	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60215	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		08/18/2012		TRUE	TRUE	P_MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60216	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60217	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/19/2012		TRUE	TRUE	P_MT42=N/A - AKB ,MT_83=N/A - AKB ,MT_83_REPORTED > 50%=N/A - AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60218	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		10/18/2010		TRUE	TRUE	P_MT42=N/A - AKB ,MT_83=N/A - AKB ,MT_83_REPORTED > 50%=N/A - AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60219	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2003		06/03/2003		04/19/2012		TRUE	TRUE	P_MT42=N/A - AKB ,MT_83=N/A - AKB ,MT_83_REPORTED > 50%=N/A - AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60220	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		06/11/2011		TRUE	TRUE	P_MT42=N/A - AKB ,MT_83=N/A - AKB ,MT_83_REPORTED > 50%=N/A - AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60221	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A AKB ,MT_83=N/A AKB ,MT_83_REPORTED > 50%=N/A AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60222	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		06/28/2012		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60223	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60224	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		04/02/2009		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60225	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		07/17/2012		TRUE	TRUE	P_MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate HOLD_FLAG=
60227	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/19/2010		04/19/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AKB,MT_83=N/A AKB,MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60228	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/19/2010		04/19/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AKB,MT_83=N/A AKB,MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60229	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/19/2010		04/19/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AKB ,MT_83=N/A AKB ,MT_83_REPORTED > 50%=N/A AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60230	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		04/02/2009		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60231	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		09/29/2012		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60232	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		04/19/2012		TRUE	TRUE	P_MT42=N/A - AKB ,MT_83=N/A - AKB ,MT_83_REPORTED > 50%=N/A - AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60233	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/04/2003		06/04/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60234	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/19/2010		04/19/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AKB ,MT_83=N/A AKB ,MT_83_REPORTED > 50%=N/A AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60235	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/19/2010		04/19/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AKB ,MT_83=N/A AKB ,MT_83_REPORTED > 50%=N/A AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60237	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60238	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AKB,MT_83=N/A - AKB,MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
60239	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A AKB ,MT_83=N/A AKB ,MT_83_REPORTED > 50%=N/A AKB , Actual_Default_Ventdate=A HOLD_FLAG=
60240	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=

60241	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60242	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60243	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60244	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60245	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60246	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60247	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60248	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60249	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60250	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60251	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60252	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60253	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		07/21/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60254	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60255	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60256	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60257	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		06/30/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60258	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60259	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60260	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60261	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		04/03/2011		TRUE	TRUE	*P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8,* Actual_Default_Ventdate=A HOLD_FLAG=
60262	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60263	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60264	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60265	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60266	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60267	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60268	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60269	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60270	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		04/03/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60271	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		04/01/2012		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60272	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		06/11/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60273	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/12/2003		12/12/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60274	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60275	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/26/2003		06/26/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60276	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2002		12/02/2002		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
60277	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2003		12/02/2003		08/06/2013		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60278	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2003		12/02/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60279	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2003		12/02/2003		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60280	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2003		12/02/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60281	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/12/2003		12/12/2003		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60282	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60283	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60284	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		10/16/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60285	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=

60286	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60287	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		10/18/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60288	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		06/11/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%<N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60289	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60290	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60291	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60292	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60293	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60294	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60295	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60296	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		10/18/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60297	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2003		12/04/2003		09/30/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
60298	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60299	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60300	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/20/2003		05/20/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60301	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/11/2003		06/11/2003		08/05/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60302	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/28/2003		05/28/2003		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60303	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/28/2003		05/28/2003				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60304	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/11/2003		06/11/2003		08/05/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60305	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60306	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60307	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60308	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60309	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60310	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60311	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2003		06/24/2003		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60312	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2003		06/25/2003		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60313	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		07/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60314	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60315	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/16/2004		04/16/2004		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60316	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60317	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		02/10/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60318	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		02/10/2011		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60319	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60320	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60321	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60322	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60323	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60324	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60325	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60326	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60327	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60328	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60329	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=

60330	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60331	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60332	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60333	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		07/22/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60334	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60335	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60336	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60337	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2004		01/27/2004		08/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60338	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60339	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60340	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60341	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60342	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		07/15/2012		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
60343	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60344	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60345	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60346	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60347	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60348	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2004		01/28/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60349	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/13/2004		04/13/2004		06/11/2011		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60350	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/13/2004		04/13/2004		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60351	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60352	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60353	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/13/2004		04/13/2004		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60354	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60355	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/20/2004		04/20/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60356	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/13/2004		04/13/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60357	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		06/11/2011		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
60358	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60359	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		06/11/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60360	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60361	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60362	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2004		01/29/2004		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60363	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60364	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/13/2004		04/13/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60365	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60366	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		06/11/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60367	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/28/2003		05/28/2003		09/29/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60368	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60370	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60371	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/30/2004		11/30/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60372	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60373	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		08/25/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60374	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2004		12/02/2004		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

60375	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2004		12/02/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60376	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/01/2004		12/01/2004		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60377	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2004		12/15/2004		07/17/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
60378	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2004		12/02/2004		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60379	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/30/2004		11/30/2004		10/06/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60380	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/05/2005		05/05/2005		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60381	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2004		12/02/2004		05/26/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60382	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/30/2004		11/30/2004		10/06/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60383	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2004		12/16/2004		12/01/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60384	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100		05/03/2005		05/03/2005	09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60388	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100		05/03/2005		05/03/2005	12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60387	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2004		12/15/2004		09/29/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60388	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2004		12/15/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60389	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2004		12/15/2004		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60390	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2004		12/16/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60391	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2004		12/15/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60392	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/15/2004		12/16/2004		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60393	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2004		12/16/2004		08/06/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60394	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2004		12/16/2004		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60395	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2004		12/16/2004		09/29/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
60398	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100		05/03/2005		05/03/2005	09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60397	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100		05/03/2005		05/03/2005	09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60398	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/05/2005		05/05/2005		09/11/2012		TRUE	TRUE	MT42 = N/A AK8; MT83 = N/A AK8; MT 83 REPORTED > 50% = N/A AK8; Actual_Vent Date=A; HOLD FLAG =
60399	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/14/2005		06/14/2005		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
60400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/23/2006	11/26/2002	01/23/2006	09/30/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60402	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		12/02/2002				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		12/04/2002		05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		12/04/2002		05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/26/2004		01/08/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986		12/11/2002		05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	02/01/2007	12/12/2002	02/01/2007	07/21/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60410	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/09/2005	12/16/2002	06/09/2005	01/24/2008		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	10/12/2006	01/26/2004	10/12/2006	05/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/01/2005	12/17/2002	06/01/2005	09/11/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		12/17/2002		05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60415	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986		12/17/2002		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		12/18/2002		10/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986		01/26/2004		12/03/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/06/2006	01/26/2004	02/06/2006	08/24/2013		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/1989	02/03/2006	01/26/2004	02/03/2006	05/19/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1990	02/07/2006	01/26/2004	02/07/2006	05/13/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/20/2006	01/26/2004	01/20/2006	04/13/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/1990	02/08/2006	01/26/2004	02/08/2006	08/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

60432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1989	12/05/2005	01/26/2004	12/05/2005	03/10/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1990	06/14/2005	01/26/2004	06/14/2005	03/04/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		01/26/2004		09/08/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60435	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	02/08/2006	01/26/2004	02/08/2006	06/01/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	12/08/2005	01/26/2004	12/08/2005	03/24/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986		01/26/2004		10/06/2008		FALSE	FALSE	QTW2308 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	12/08/2005	01/26/2004	12/08/2005	03/24/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981			10/18/2006	10/18/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982		01/26/2004		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1988		01/26/2004		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982		01/26/2004		03/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	03/22/2006	01/26/2004	03/22/2006	12/07/2006		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60461	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	02/15/2006	01/26/2004	02/15/2006	09/22/2006		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	11/20/2005	01/26/2004	11/20/2005	07/08/2007	VE	TRUE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		08/21/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60464	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	12/08/2006	01/26/2004	12/08/2006	06/15/2007		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	01/05/2006	01/26/2004	01/05/2006	06/04/2006		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	12/12/2005	01/26/2004	12/12/2005	04/09/2006		FALSE	FALSE	QTW Y QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/26/2004		08/18/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60469	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	01/20/2006	01/26/2004	01/20/2006	04/13/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986		01/26/2004		07/27/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		09/11/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		08/03/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/14/2007	01/26/2004	02/14/2007	08/02/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986		01/26/2004		09/08/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		08/12/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/28/2006	01/26/2004	02/28/2006	10/26/2006		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		01/26/2004		08/28/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1984	02/28/2006	01/26/2004	02/28/2006	09/24/2006		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/03/2006	01/26/2004	02/03/2006	05/07/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986		01/26/2004		08/28/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985		01/26/2004		02/25/2008		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/10/2007	01/26/2004	01/10/2007	09/14/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1965		01/26/2004		02/25/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		03/10/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986		01/26/2004		03/04/2008		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60489	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004				FALSE	FALSE	(require overpacking) QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985		01/26/2004		03/06/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		04/13/2011		FALSE	FALSE	(require overpacking) QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		01/26/2004		02/25/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		01/26/2004		03/06/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60496	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986		01/26/2004		02/19/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	02/21/2007	01/26/2004	02/21/2007	06/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

60498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1983	07/20/2005	01/26/2004	07/20/2005	12/10/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60502	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003		07/07/2003		05/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60503	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	10/30/2012	07/07/2003	10/30/2012	03/15/2013		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60506	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	06/14/2012	07/07/2003	06/14/2012	09/18/2012		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60508	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2003		03/11/2003		08/07/2012		FALSE	FALSE	Not 55-Gal — P_MT42=Unknown,MT_83=MTa Not Available,MT_83_REPORTED > 50%=MTa Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
60520	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003		07/07/2003		07/29/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60521	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2007		02/14/2007		05/12/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60522	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2003		06/11/2003		08/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60542	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2003		06/11/2003		05/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2005		04/29/2005		08/08/2012		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2005		04/30/2005		02/17/2012		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60603	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003	11/19/2009	04/01/2003	11/19/2009			FALSE	FALSE	RPKGD into 83638 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2003	02/09/2006	01/26/2004	02/09/2006	06/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60609	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2003	11/23/2009	05/05/2003	11/23/2009			FALSE	FALSE	RPKGD into 83655 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	02/24/2006	01/26/2004	02/24/2006	10/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		05/07/2003		06/18/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/2003		01/26/2004		06/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003	02/22/2006	01/28/2004	02/22/2006	11/09/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2003		04/14/2003		08/15/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2003		01/26/2004		10/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2003		01/26/2004		08/04/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2003		01/26/2004		06/10/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2003		04/07/2003		08/18/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/2003	02/22/2006	01/26/2004	02/22/2006	04/30/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2003		01/26/2004		03/01/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/2002		10/09/2002		02/24/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2003		04/14/2003		05/16/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		01/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		02/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/2003		01/26/2004		09/22/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60636	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	02/23/2006	01/26/2004	02/23/2006	11/10/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60638	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	11/24/2009	05/07/2003	11/24/2009			FALSE	FALSE	RPKGD into 83667 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2004		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2003		01/26/2004		06/15/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		01/26/2004		05/25/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		07/31/2006		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		07/31/2006		02/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2003		05/08/2003		06/29/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2003		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

60656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2003		07/31/2006		04/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2003		01/26/2004		10/05/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		03/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60666	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/2003	12/03/2009	05/02/2003	12/03/2009		VE	TRUE	FALSE	RPKGD into 83709 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003		05/19/2003		02/15/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2003		05/05/2003		03/05/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60670	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	05/04/2010	05/07/2003	05/04/2010			FALSE	FALSE	RPKGD into 85388 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60671	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/2003	04/01/2010	05/02/2003	04/01/2010			FALSE	FALSE	RPKGD into 85050 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003		07/31/2006		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60681	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2003	02/24/2010	05/16/2003	02/24/2010			FALSE	FALSE	RPKGD into 84459 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003		01/26/2004		11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2003	02/22/2006	01/26/2004	02/22/2006	12/02/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003		07/31/2006		03/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2003	02/23/2006	01/26/2004	02/23/2006	10/06/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60687	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	11/13/2009	05/19/2003	11/13/2009			FALSE	FALSE	RPKGD into 83594 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	02/23/2006	01/26/2004	02/23/2006	08/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60689	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	04/28/2010	05/19/2003	04/28/2010			FALSE	FALSE	RPKGD into 85312 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60690	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	04/15/2010	05/19/2003	04/15/2010		VE	TRUE	FALSE	RPKGD into 85239 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT S
60692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2003		07/31/2006		03/25/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60693	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	02/25/2010	05/19/2003	02/25/2010		VE	TRUE	FALSE	RPKGD into 84479 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
60694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003		05/19/2003		03/08/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2003		05/21/2003		06/18/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	02/22/2006	01/26/2004	02/22/2006	03/11/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2003		01/26/2004		11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60699	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2003		05/21/2003		05/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/13/2005	05/07/2003	05/13/2005	08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985		05/07/2003		05/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	05/12/2005	05/07/2003	05/12/2005	10/26/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/20/2007	01/26/2004	02/20/2007	07/15/2007		FALSE	FALSE	(require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	06/01/2005	01/26/2004	06/01/2005	09/11/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		05/07/2003		05/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/26/2004		12/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	12/21/2005	05/08/2003	12/21/2005	09/30/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1998		05/08/2003		02/27/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	05/14/2005	05/08/2003	05/14/2005	08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

60715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1999	05/19/2005	05/08/2003	05/19/2005	08/21/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/25/2005	05/08/2003	05/25/2005	09/11/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1995	12/08/2006	01/26/2004	12/08/2006	08/02/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1997	05/25/2005	05/14/2003	05/25/2005	08/21/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	05/24/2005	05/14/2003	05/24/2005	06/23/2007		FALSE	FALSE	QTW2308 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60721	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	04/26/2005	01/26/2004	04/26/2005	08/12/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60723	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		05/14/2003		05/26/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	05/26/2005	05/14/2003	05/26/2005	08/27/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	04/25/2005	01/26/2004	04/25/2005	08/03/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/06/2006	01/26/2004	02/06/2006	05/12/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1998		01/26/2004		07/26/2007		FALSE	FALSE	Old AK7 QTW2308 -- P_MT42=Unknown,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
60730	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/16/2005	05/15/2003	05/18/2005	07/07/2012		FALSE	FALSE	QTW2308 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	06/11/2005	01/26/2004	06/11/2005	09/06/2012		FALSE	FALSE	(require overpacking) QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/06/2006	01/26/2004	02/06/2006	09/28/2007		FALSE	FALSE	QTW2308 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/13/2005	01/26/2004	07/13/2005	07/12/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No _MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		08/12/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	08/02/2005	05/15/2003	08/02/2005	01/27/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		06/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	02/03/2006	01/26/2004	02/03/2006	05/07/2008		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		09/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	04/25/2005	01/26/2004	04/25/2005	07/27/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		01/26/2004		01/17/2008		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		09/18/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		01/26/2004		03/04/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	05/24/2005	05/22/2003	05/24/2005	01/18/2006		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		12/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/20/2007	01/26/2004	02/20/2007	09/12/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		07/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		09/08/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		07/08/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		05/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	06/01/2005	01/26/2004	06/01/2005	02/09/2008		FALSE	FALSE	(require overpacking) QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		02/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	07/19/2005	01/26/2004	07/19/2005	08/04/2012		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	02/14/2007	01/26/2004	02/14/2007	08/24/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/28/2006	01/26/2004	02/28/2006	10/28/2008		FALSE	FALSE	QTW2308 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988		04/04/2003		10/01/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
60807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/1989		04/04/2003		04/22/2005		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60808	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/03/2006	04/07/2003	02/03/2006	09/16/2008		FALSE	FALSE	QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1991	01/10/2007	01/26/2004	01/10/2007	07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/14/2005	04/07/2003	06/14/2005	04/18/2011		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

60813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1992		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/1990	02/22/2007	01/26/2004	02/22/2007	08/30/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1993		01/26/2004		08/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1991		01/26/2004		04/30/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		05/20/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		06/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980		01/26/2004		05/20/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		01/26/2004		09/29/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980		01/26/2004		07/06/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1998	10/17/2006	01/26/2004	10/17/2006	04/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1999		01/26/2004		05/03/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1999		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1989		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981		01/26/2004		04/14/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1990		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1989		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		07/27/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1989	02/21/2007	01/26/2004	02/21/2007	09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60846	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/1988		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	09/25/2005	01/26/2004	09/25/2005	10/01/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981		01/26/2004		08/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1995		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60856	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980		01/26/2004		11/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1998		01/26/2004		10/13/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/1995		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1995		01/26/2004		04/30/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60864	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60866	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1989		01/26/2004		06/24/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/1996		01/26/2004		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1997		01/26/2004		04/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/1995		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/1998		01/26/2004		05/05/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1994		01/26/2004		04/29/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1994		01/26/2004		09/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/1995		01/26/2004		02/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60895	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1999		01/26/2004		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/10/2005	05/05/2003	06/10/2005	05/08/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=A HOLD_FLAG=
60898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	06/13/2005	05/07/2003	06/13/2005	09/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

60901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		07/03/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		08/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	06/13/2005	05/29/2003	06/13/2005	09/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	03/14/2006	05/29/2003	03/14/2006	10/12/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
60910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	06/09/2005	01/26/2004	06/09/2005	03/30/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	02/24/2007	01/26/2004	02/24/2007	08/24/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		10/26/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		10/26/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		01/26/2004		08/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/1984		01/26/2004		06/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	06/04/2005	01/26/2004	06/04/2005	09/11/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1989		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1989		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985		01/26/2004		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60957	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1990		01/26/2004		08/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	10/16/2006	01/26/2004	10/16/2006	03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/26/2004		07/15/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1994		01/26/2004		07/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1992		01/26/2004		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1997		01/26/2004		08/16/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/1998		01/26/2004		08/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1994		01/26/2004		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60982	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/1996		01/26/2004		05/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982		01/26/2004		04/24/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1998	02/24/2007	01/26/2004	02/24/2007	01/08/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/1991		01/26/2004		08/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1999		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2000		01/26/2004		06/14/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
60995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2003		03/19/2008		10/01/2008		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
60997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1993		01/26/2004		05/13/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1994		01/26/2004		06/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1991		01/26/2004		05/19/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/1993		01/26/2004		08/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/1993		01/26/2004		11/10/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/1995		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		08/17/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61010	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1994		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

61011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1998		01/26/2004		09/22/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/20/2007	01/26/2004	02/20/2007	09/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1991		01/26/2004		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988		01/26/2004		10/29/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1997		01/26/2004		09/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	02/24/2007	01/26/2004	02/24/2007	02/09/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1999		01/26/2004		02/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982		01/26/2004		08/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1995		01/26/2004		04/14/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1990		01/26/2004		04/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1997		01/26/2004		08/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/1995		01/26/2004		01/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1996		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1997		01/26/2004		01/07/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1998		01/26/2004		01/25/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/20/2007	01/26/2004	02/20/2007	01/18/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/1998		01/26/2004		05/21/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980		01/26/2004		04/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		03/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/27/2005	01/26/2004	06/27/2005	10/01/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		12/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		08/18/2012		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61053	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/1991		01/26/2004		05/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		06/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61061	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1984			03/03/2006	08/28/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985		01/26/2004		11/28/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985		01/26/2004		08/21/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		01/26/2004		08/12/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/1988		01/26/2004		06/03/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		02/24/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983		01/26/2004		05/13/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61082	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		06/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981		01/26/2004		04/05/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		06/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		09/28/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		05/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980			03/09/2006	08/28/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984			09/20/2006	01/12/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

61100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	11/04/2005	01/26/2004	11/04/2005	10/15/2008		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	01/08/2007	01/26/2004	01/08/2007	06/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	06/03/2005	01/26/2004	06/03/2005	02/27/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984		01/26/2004		03/02/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		01/26/2004		04/26/2012		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61107	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	12/14/2006	01/26/2004	12/14/2006	10/07/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		01/26/2004		06/08/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	01/18/2007	01/26/2004	01/18/2007	10/18/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	04/03/2006	01/26/2004	04/03/2006	12/09/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/24/2008	01/26/2004	03/24/2008	01/12/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981		01/26/2004		08/04/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/1997		01/26/2004		06/08/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984			10/04/2006	03/04/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985		01/26/2004		08/07/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2003		07/25/2003		01/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1997		01/26/2004		02/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985		01/26/2004		05/13/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982			03/07/2008	06/26/2008	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		04/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		08/10/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		06/01/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		10/06/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		01/26/2004		05/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61141	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		03/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		06/04/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1996		01/26/2004		06/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1998		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		01/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		06/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		06/03/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1994		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982		01/26/2004		09/24/2006		FALSE	FALSE	H-3 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1993		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1994		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61200	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2003		05/28/2003		06/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

61201	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2003		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2003		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003		07/31/2006		08/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003	10/19/2006	07/31/2006	10/19/2006	03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2003		07/31/2006		01/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2003		07/31/2006		11/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61208	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2003	02/18/2010	06/03/2003	02/18/2010			FALSE	FALSE	RPKGD into 84372 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2003		07/31/2006		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61211	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2003	04/01/2010	06/03/2003	04/01/2010			FALSE	FALSE	RPKGD into 85052 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2003		06/03/2003		08/27/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003		07/31/2006		03/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2003		01/26/2004		10/05/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2003		01/26/2004		06/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61216	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2003	12/21/2009	06/12/2003	12/21/2009			FALSE	FALSE	RPKGD into 83801 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61217	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003	12/02/2009	06/10/2003	12/02/2009		VE	TRUE	FALSE	RPKGD into 83703 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003		07/31/2006		02/11/2007		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003		01/26/2004		09/16/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003	11/01/2006	07/31/2006	11/01/2006	05/24/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61223	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003		07/31/2006		03/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2003		01/26/2004		09/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61226	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2003	05/19/2010	06/12/2003	05/19/2010			FALSE	FALSE	RPKGD into 85670 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003		07/31/2006		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003		07/31/2006		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2003		08/12/2003		07/30/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/2003		06/18/2003		03/08/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2003		06/12/2003		09/28/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2003		01/26/2004		08/29/2007		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003		07/31/2006		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2003		06/25/2003		10/05/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		06/30/2003		09/13/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2003		06/25/2003		03/20/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003	10/23/2006	07/31/2006	10/23/2006	03/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/2003	02/23/2006	01/26/2004	02/23/2006	09/20/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		06/30/2003		03/08/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003		06/30/2003		07/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2003	03/22/2006	01/26/2004	03/22/2006	06/11/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2003		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/2003		07/31/2006		03/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61249	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003		07/07/2003		04/27/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61251	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003		07/07/2003		11/08/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003		07/31/2006		03/07/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/16/2003		01/26/2004		01/28/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2004		07/31/2006		05/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2003		07/18/2003		02/08/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

61261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/16/2003		01/26/2004		08/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	04/07/2004	02/27/2006	04/07/2004	02/27/2006	10/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/16/2003		07/16/2003		09/12/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/16/2003		07/16/2003		09/18/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/16/2003		07/16/2003		08/16/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61269	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/18/2003		07/18/2003		10/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61271	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/18/2003		07/18/2003		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/29/2003		01/26/2004		08/02/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	10/23/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/28/2003		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	10/17/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	10/17/2003		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/28/2003		07/31/2006		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/28/2003		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/05/2003	02/23/2006	01/26/2004	02/23/2006	02/22/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	01/27/2004		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/24/2003	02/10/2006	01/26/2004	02/10/2006	05/26/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/20/2003		08/20/2003		07/07/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61289	55G					LA-MHD01.001	CCP-AK-LANL-008	SS400	08/05/2003	11/23/2010	08/05/2003	11/23/2010			FALSE	FALSE	RPKGD into 61605 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/29/2003		07/31/2006		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/29/2003		07/31/2006		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/29/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/29/2003		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/29/2003		07/31/2006		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/29/2003		07/31/2006		02/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	07/30/2003		01/26/2004		06/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	08/05/2003		01/26/2004		04/20/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	SS400	09/29/2003		07/31/2006		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61400	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	09/10/2003		09/10/2003		03/25/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61401	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/05/2003		08/05/2003		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61402	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/05/2003		08/05/2003		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61403	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/12/2003		08/12/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61404	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/12/2003		08/12/2003		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61405	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/12/2003		08/12/2003		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61406	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/13/2003		08/13/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61407	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/13/2003		08/13/2003		08/08/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
61408	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/13/2003		08/13/2003		08/08/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
61409	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/04/2003		08/04/2003		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61410	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/14/2003		08/14/2003		04/19/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61411	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/14/2003		08/14/2003		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61412	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/19/2003		08/19/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61413	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/19/2003		08/19/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61414	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/19/2003		08/19/2003		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61415	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/20/2003		08/20/2003		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61416	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	SS100	08/20/2003		08/20/2003		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

61417	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/21/2003		08/21/2003		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61418	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/21/2003		08/21/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61419	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/10/2003		09/10/2003		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61420	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/30/2003		09/30/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61421	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/30/2003		09/30/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61422	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/01/2003		10/01/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61423	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/09/2003		09/09/2003		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61424	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/01/2003		10/01/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61425	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/07/2003		10/07/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61426	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/08/2003		10/08/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61427	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/07/2003		10/07/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61428	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/24/2003		10/24/2003		07/30/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61429	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/24/2003		10/24/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61430	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/11/2003		11/11/2003		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61431	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/29/2003		10/29/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61432	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/12/2006		01/12/2006		03/25/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61433	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/11/2003		11/11/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61434	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/04/2003		11/04/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61435	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/04/2003		11/04/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61436	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/05/2003		11/05/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61437	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/11/2003		11/11/2003		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61438	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/12/2003		11/12/2003		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61439	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/12/2003		11/12/2003		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61440	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/01/2003		12/01/2003		03/25/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61441	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/01/2003		12/01/2003		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61442	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/02/2003		12/02/2003		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61443	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2003		11/13/2003		04/28/2013		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61444	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2003		11/13/2003		04/28/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
61446	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/03/2003		12/03/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61447	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/27/2012		11/27/2012		08/08/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=D HOLD_FLAG=
61448	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/08/2003		12/08/2003		04/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61449	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/08/2003		12/08/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61450	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/09/2003		12/09/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61451	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/09/2003		12/09/2003		04/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61452	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/09/2003		12/09/2003		04/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61453	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/10/2003		12/10/2003		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61454	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61455	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/11/2012		07/11/2012		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61459	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/10/2007		10/10/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61460	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/10/2007		10/10/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61461	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/10/2007		10/10/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61463	55G				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/11/2012		07/11/2012		11/08/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61464	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/23/2012		10/23/2012		11/08/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61466	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/21/2012		08/21/2012		12/01/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=

61487	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/22/2012		08/22/2012		11/08/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61488	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/26/2013		02/26/2013				TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61489	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/18/2012		07/18/2012		11/08/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61470	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/17/2012		07/17/2012		11/08/2012		FALSE	FALSE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61471	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/06/2013		03/06/2013				TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61472	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/08/2013		08/08/2013				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
61473	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/30/2012		08/30/2012		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
61474	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/28/2012		08/28/2012		10/02/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=D HOLD_FLAG=
61475	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/29/2012		08/29/2012		10/02/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=D HOLD_FLAG=
61476	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/05/2012		11/05/2012				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61477	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/08/2012		11/08/2012				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61478	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/07/2012		11/07/2012		08/06/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61479	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2013		01/28/2013		10/02/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
61481	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/17/2003		12/17/2003		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61482	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2003		12/16/2003		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61483	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/17/2003		12/17/2003		04/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61484	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/17/2003		12/17/2003		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61485	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/27/2012		11/27/2012		08/06/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61486	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/27/2012		11/27/2012		08/06/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61487	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2003		12/16/2003		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61488	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/16/2003		12/16/2003		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61489	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/17/2003		12/17/2003		08/13/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61490	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/24/2004		02/24/2004		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61491	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/29/2004		03/29/2004		09/30/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61492	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/30/2004		03/30/2004		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61493	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/20/2006		11/20/2006		08/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61494	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/20/2004		01/20/2004		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61495	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/21/2004		01/21/2004		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61497	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/12/2004		02/12/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61498	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/12/2004		02/12/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61499	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/12/2004		02/12/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61500	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/11/2004		02/11/2004		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61501	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/11/2004		02/11/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61502	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/10/2004		03/10/2004		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61503	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/02/2004		03/02/2004		04/28/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61504	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/03/2004		03/03/2004		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61505	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/05/2005		05/05/2005		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61506	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2004		04/04/2004		04/28/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61507	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/30/2004		03/30/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61508	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/30/2004		03/30/2004		09/14/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
61509	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/30/2004		03/30/2004		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61510	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/21/2004		06/21/2004		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

61511	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2004		04/07/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61512	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/07/2004		07/07/2004		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61513	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/15/2004		07/15/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61514	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/12/2006		01/12/2006		03/25/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61515	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2005		03/11/2005		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61517	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61518	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		08/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61519	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		10/16/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61520	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61521	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61522	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/16/2004		06/16/2004		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61523	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61524	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		10/16/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61526	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/16/2004		06/16/2004		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61527	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		10/16/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61528	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61529	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/16/2004		03/16/2004		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61530	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/18/2004		03/18/2004		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61533	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/17/2004		03/17/2004		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61534	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/17/2004		03/17/2004		08/28/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61535	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/17/2004		03/17/2004		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61536	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/17/2004		03/17/2004		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61539	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/20/2004		10/20/2004		06/11/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61540	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2005		03/07/2005		04/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61541	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/07/2005		03/07/2005		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61542	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/08/2005		03/08/2005		09/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61543	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/08/2005		03/08/2005		08/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61544	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/22/2005		03/22/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61545	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/22/2005		03/22/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61546	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/22/2005		03/22/2005		08/05/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61547	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/22/2005		03/22/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61548	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61549	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		08/05/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61550	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61551	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61552	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		08/12/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61553	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61554	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		08/05/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61555	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61556	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/24/2005		03/24/2005		08/05/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61557	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/24/2005		03/24/2005		08/05/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

61558	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2005		07/26/2005		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61559	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2005		07/26/2005		06/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61560	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61561	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61562	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/15/2004		04/15/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61563	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/07/2004		07/07/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61564	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/20/2004		06/20/2004		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61565	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2004		03/23/2004		12/02/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate= A HOLD_FLAG=
61566	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/21/2007		08/21/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61567	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2007		04/04/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61568	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/18/2007		09/18/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61569	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/26/2007		09/26/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61570	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/11/2007		12/11/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61571	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/20/2007		03/20/2007		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61572	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/20/2007		03/20/2007		10/05/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=A HOLD_FLAG=
61573	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/20/2007		03/20/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61574	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/17/2013		12/17/2013				TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=A HOLD_FLAG=
61575	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/29/2004		06/29/2004		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61576	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/29/2004		06/29/2004		03/25/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61577	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/22/2004		06/22/2004		04/28/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61578	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/22/2004		06/22/2004		12/15/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61579	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/13/2004		04/13/2004		09/24/2005		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61580	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/02/2004		06/02/2004		03/25/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61581	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/19/2005		07/19/2005		04/19/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate= HOLD_FLAG=
61582	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/19/2005		07/19/2005		09/27/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61583	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/05/2007		09/05/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61584	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/27/2007		08/27/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61585	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61586	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		08/12/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61587	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61588	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2005		03/23/2005		07/29/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61589	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/04/2005		05/04/2005		03/25/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61591	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/25/2005		05/25/2005		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61592	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/25/2005		05/25/2005		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=A HOLD_FLAG=
61593	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/25/2005		05/25/2005		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=A HOLD_FLAG=
61594	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/23/2008		07/23/2008		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61595	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/24/2005		05/24/2005		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61596	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/28/2007		06/28/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61597	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/13/2004		04/13/2004		10/05/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=A HOLD_FLAG=
61598	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/14/2004		04/14/2004		01/26/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61599	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/19/2005		07/19/2005		06/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61600	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/14/2005		06/14/2005		09/27/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=[NULL] HOLD_FLAG=
61601	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/14/2005		06/14/2005		09/14/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verndate=A HOLD_FLAG=
61604	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/12/2006		01/12/2006		06/11/2011		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Verndate=A HOLD_FLAG=

61605	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/16/2005		11/16/2005		11/08/2012	TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61606	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/16/2005		11/16/2005		06/28/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61607	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/16/2005		11/16/2005		06/28/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61608	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61609	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/29/2005		09/29/2005		09/30/2012	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61610	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/29/2005		09/29/2005		09/30/2012	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61611	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/29/2005		09/29/2005		09/30/2012	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61612	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/30/2012	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61613	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61614	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61615	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/20/2006		07/20/2006		01/06/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61616	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61617	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/16/2005		11/16/2005		03/25/2008	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61618	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61619	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2006		01/18/2006		03/25/2008	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61620	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61621	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/28/2005		09/28/2005		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61622	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/29/2005		09/29/2005		03/25/2008	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61623	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/16/2006		02/16/2006		04/13/2006	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61624	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/25/2005		09/25/2005		08/19/2010	TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61625	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/12/2006		01/12/2006		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61626	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/16/2006		02/16/2006		04/13/2006	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61628	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/16/2006		02/16/2006		06/28/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61629	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/16/2006		05/16/2006		07/22/2006	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61630	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61631	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/16/2006		05/16/2006		09/27/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61632	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/18/2006		05/18/2006		09/30/2012	TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate HOLD_FLAG=
61633	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/18/2006		05/18/2006		11/08/2012	TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61634	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/18/2006		05/18/2006		11/08/2012	TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61635	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/18/2006		05/18/2006		04/02/2009	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61636	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/17/2006		07/17/2006		09/30/2012	TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61637	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/17/2006		07/17/2006		01/06/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61638	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/17/2006		07/17/2006		03/25/2009	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61639	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/17/2006		07/17/2006		01/06/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61640	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/18/2006		07/18/2006		12/14/2006	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61641	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/18/2006		07/18/2006		08/03/2010	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61642	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/18/2006		07/18/2006		06/19/2010	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61643	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/19/2006		07/19/2006		01/06/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61644	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/20/2006		07/20/2006		01/06/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61645	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/20/2006		07/20/2006		01/06/2007	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61646	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/20/2006		07/20/2006		12/14/2006	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61647	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/20/2006		07/20/2006		12/14/2006	TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

61648	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/19/2006		10/19/2006		06/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61650	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/05/2006		10/05/2006		01/06/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61651	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/09/2005		11/09/2005		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61652	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/19/2006		10/19/2006		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61653	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/26/2007		04/26/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61654	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/26/2007		04/26/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61655	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/26/2007		04/26/2007		09/14/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61657	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/26/2007		04/26/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61658	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/09/2007		05/09/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61659	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/22/2007		06/22/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61660	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/21/2007		08/21/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61661	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/21/2007		08/21/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61662	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/07/2008		10/07/2008		05/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61663	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/13/2003		12/13/2003		03/28/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61664	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61665	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61666	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61667	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/06/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61668	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61669	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61670	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61671	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61672	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/18/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61673	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61674	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61675	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61676	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61677	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61678	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61679	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61680	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61681	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		08/18/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61682	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/13/2008		05/13/2008		02/10/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61683	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/14/2008		05/14/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61684	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/14/2008		05/14/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61685	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/14/2008		05/14/2008		08/06/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61686	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/14/2008		05/14/2008		08/06/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61687	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2008		05/15/2008		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61689	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2008		05/15/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61690	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2008		05/15/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61691	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2008		05/15/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61692	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2008		05/15/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61695	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/23/2008		07/23/2008		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61698	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/03/2008		11/03/2008		11/08/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
61700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/04/2003		07/31/2006		03/15/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/14/2003	02/10/2006	01/26/2004	02/10/2006	05/24/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

61704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		04/29/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2003		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		10/18/2007		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2003		01/26/2004		04/14/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61710	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2003		08/21/2003		03/31/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61711	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2003		08/21/2003		11/08/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2003		07/31/2006		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2005		07/31/2006		02/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2003		01/26/2004		10/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2003		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61726	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2003		09/05/2003		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61727	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2003		12/14/2006		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2003		01/26/2004		05/27/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003		07/31/2006		12/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2003	02/27/2006	01/26/2004	02/27/2006	01/08/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61736	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2003		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61737	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2003		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61738	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2003		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61741	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2003		12/14/2006		06/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2003		01/26/2004		11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2003		07/31/2006		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2003	02/23/2006	01/26/2004	02/23/2006	11/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		01/17/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2003		07/31/2006		04/02/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003		07/31/2006		03/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61751	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2003	02/27/2006	01/26/2004	02/27/2006	11/05/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2003	02/24/2006	01/26/2004	02/24/2006	11/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		12/14/2006		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
61755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2003		09/25/2003		08/28/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2003	02/22/2006	01/26/2004	02/22/2006	03/04/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61757	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2003	02/18/2010	09/25/2003	02/18/2010			FALSE	FALSE	RPKGD into 84373 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2003		01/26/2004		01/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		02/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2005		07/31/2006		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		03/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		06/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61763	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2003		10/03/2003		03/11/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/2005		07/31/2006		03/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		03/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61766	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2003	02/23/2006	01/26/2004	02/23/2006	12/14/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61767	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2003	01/05/2010	10/03/2003	01/05/2010			FALSE	FALSE	RPKGD into 83855 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT

61768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2003	02/24/2006	01/26/2004	02/24/2006	01/26/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2003		01/26/2004		01/20/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2003	02/24/2006	01/26/2004	02/24/2006	09/30/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2003		01/26/2004		01/05/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2003	02/22/2006	01/26/2004	02/22/2006	03/07/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2003		07/31/2006		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003		01/26/2004		11/16/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2003	02/24/2006	01/26/2004	02/24/2006	03/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2003	02/24/2006	01/26/2004	02/24/2006	03/01/2007		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		01/22/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/2003	02/27/2006	01/26/2004	02/27/2006	11/09/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		07/31/2006		03/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		07/31/2006		02/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005		07/31/2006		06/02/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2003	02/23/2006	01/26/2004	02/23/2006	10/28/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2003		07/31/2006		06/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003	02/23/2006	01/26/2004	02/23/2006	11/28/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2003		07/31/2006		06/15/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		03/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		07/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61796	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2003		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61797	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2003		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61798	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61799	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2003		12/14/2006		03/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61900	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2003	04/24/2012	12/14/2006	04/24/2012	07/14/2012	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61901	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/2005		02/07/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61902	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2003		10/27/2003		03/31/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61903	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2003		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2005		07/31/2006		02/19/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2004		06/09/2004		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
61907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003		10/31/2003		07/29/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2004		06/09/2004		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
61909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2004		06/09/2004		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
61910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2005		01/04/2005		01/28/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
61911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2004		06/09/2004		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
61912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003		10/31/2003		06/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003		10/31/2003		08/15/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003		10/31/2003		06/30/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003		10/31/2003		07/29/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003		10/31/2003		04/16/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61917	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003	12/03/2009	10/31/2003	12/03/2009			FALSE	FALSE	RPKGD into 83717 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003	02/23/2006	01/26/2004	02/23/2006	06/23/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003	02/22/2006	01/26/2004	02/22/2006	06/11/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2004		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2004		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		10/15/2007		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

61926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2003		07/31/2006		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2003	02/24/2006	01/26/2004	02/24/2006	11/17/2010		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/25/2003		01/26/2004		10/05/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2003		07/31/2006		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		03/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61932	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		11/21/2003		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61933	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		12/14/2006		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61934	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		05/31/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		11/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2005		07/31/2006		08/12/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		03/23/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2004		07/31/2006		10/11/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		01/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2004		07/31/2006		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2003		01/26/2004		11/26/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2004		06/09/2004		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
61952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2004		07/31/2006		11/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2004		07/31/2006		06/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		07/31/2006		02/15/2007		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2003	02/22/2006	01/26/2004	02/22/2006	06/08/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2004		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61959	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2004		07/31/2006		02/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2004		07/31/2006		12/09/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004		07/31/2006		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61965	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2004		03/30/2004		09/22/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
61968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2004	02/23/2006	01/28/2004	02/23/2006	06/23/2009		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61967	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2004	03/31/2010	01/20/2004	03/31/2010			FALSE	FALSE	RPKGD into 85028 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/2004	12/13/2006	01/28/2004	12/13/2006	07/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/2004	02/13/2006	01/28/2004	02/13/2006	10/26/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/2004	02/22/2006	01/28/2004	02/22/2006	06/11/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/2004	03/01/2006	01/28/2004	03/01/2006	03/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
61974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2004	02/22/2006	01/28/2004	02/22/2006	03/04/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61975	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/04/2004	05/04/2010	02/04/2004	05/04/2010			FALSE	FALSE	RPKGD into 85399 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/2004	02/22/2006	02/05/2004	02/22/2006	10/18/2010		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2004	02/09/2006	02/02/2004	02/09/2006	05/13/2008		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		07/31/2006		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		07/31/2006		03/31/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004	01/11/2007	07/31/2006	01/11/2007	07/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61984	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2004	04/09/2010	02/26/2004	04/09/2010			FALSE	FALSE	RPKGD into 85111 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
61985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		07/31/2006		04/20/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/2004	11/30/2006	02/18/2004	11/30/2006	09/15/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

61987	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2004	02/09/2006	02/23/2004	02/09/2006	11/30/2006			FALSE	FALSE	(require overpacking) OTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61988	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		07/31/2006		03/04/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61990	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		07/31/2006		02/22/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61991	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2004		02/25/2004		02/16/2010			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61992	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2004		04/14/2004		02/02/2006			FALSE	FALSE	OTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61993	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2004		02/25/2004		03/01/2010			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61994	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2004		02/25/2004		09/11/2009			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61995	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2004		03/02/2004		03/05/2009			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61996	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2004		02/26/2004		07/23/2009			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
61997	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2004		07/31/2006		01/25/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61998	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		07/31/2006		03/04/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
61999	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2004		02/26/2004		02/19/2009			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62100	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2005		01/04/2005		02/06/2009			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62101	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2005		01/04/2005		02/12/2009			FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62102	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2005		01/04/2005		02/07/2009			FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62104	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/2005		07/31/2006		01/25/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62105	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2005		07/31/2006		04/04/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62106	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2005		01/31/2005		09/29/2010			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62108	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005		07/31/2006		05/10/2011			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62109	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/2005		07/31/2006		01/05/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62111	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/2005		12/14/2006		08/02/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62112	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	12/05/2006	07/31/2006	12/05/2006	04/19/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62113	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/2005		12/14/2006		01/19/2008			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62114	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2006		12/14/2006		01/12/2013			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62115	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005		07/31/2006		07/26/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62117	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/2005		02/07/2005		09/29/2010			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62119	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/2005		02/16/2005		07/13/2010			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62120	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005		07/31/2006		09/22/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62121	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/2005		02/07/2005		07/13/2010			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62122	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005		07/31/2006		12/07/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62123	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005		07/31/2006		12/08/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62125	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005		07/31/2006		12/09/2006			FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62127	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005		07/31/2006		02/11/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62128	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005	11/29/2006	07/31/2006	11/29/2006	08/29/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62129	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	10/18/2006	07/31/2006	10/18/2006	09/08/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62130	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005		07/31/2006		03/11/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62131	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2005		07/31/2006		07/01/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62132	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005		07/31/2006		11/08/2008			FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62134	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005		07/31/2006		12/05/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62135	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2005		02/11/2005		01/11/2012			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62138	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/2005		12/14/2006		02/26/2012			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62138	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2005		12/14/2006		06/16/2012			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62139	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/2005		02/16/2005		11/08/2013			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62140	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2005		02/11/2005		02/18/2012			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62141	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005		07/31/2006		05/19/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62143	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005		07/31/2006		07/29/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

62145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2005		07/31/2006		06/09/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005		07/31/2006		09/12/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2005		02/28/2005		02/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2005		07/31/2006		05/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		07/31/2006		04/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62152	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2005		07/31/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62154	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2005	04/09/2010	03/09/2005	04/09/2010			FALSE	FALSE	RPKGD into 85108 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2005		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62159	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2005	04/09/2010	03/10/2005	04/09/2010			FALSE	FALSE	RPKGD into 85117 Suspected S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2005		07/31/2006		06/09/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62162	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2005		12/14/2006		07/11/2010		FALSE	FALSE	Pu-240 > 15% --- P_MT42=Pu-242 >1%,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62163	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/2005		03/04/2005		09/30/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62164	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/2005		12/14/2006		05/20/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62165	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/2005		12/14/2006		05/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005		07/31/2006		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2005		07/31/2006		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2005		07/31/2006		01/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62170	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2005		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62171	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2005		12/14/2006		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		01/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62174	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2005	12/17/2009	03/16/2006	12/17/2009			FALSE	FALSE	RPKGD into 83769 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2005	12/07/2006	07/31/2006	12/07/2006	06/23/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62176	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2005		03/16/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62177	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2005		03/16/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62178	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2005		03/16/2005		03/31/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62179	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2005		03/16/2005		07/13/2010		FALSE	FALSE	Pu-240>15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62180	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2005		03/21/2005		01/28/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005	12/07/2006	07/31/2006	12/07/2006	04/29/2012		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2005		07/31/2006		08/17/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2005		07/31/2006		01/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2005		07/31/2006		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62190	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2005		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62191	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2005		12/14/2006		08/24/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62192	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/2005		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62193	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2005	01/11/2010	12/14/2006	01/11/2010	12/01/2012	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62194	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/2005		12/14/2006		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62195	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/2005		12/14/2006		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62196	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2005		04/05/2005		07/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2005	11/29/2006	07/31/2006	11/29/2006	05/04/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2005		07/31/2006		12/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2004		05/27/2004		04/02/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2004	02/22/2006	08/15/2004	02/22/2006	08/19/2008		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2004	02/22/2006	08/08/2004	02/22/2006	08/18/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2004		08/15/2004		07/29/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2004		12/14/2006		04/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/2004	02/27/2006	06/16/2004	02/27/2006	10/26/2006		FALSE	FALSE	OTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005	10/18/2006	07/31/2006	10/18/2006	01/19/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005		07/31/2006		04/04/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82212	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2004	11/19/2010	08/02/2004	11/19/2010			FALSE	FALSE	RPKGD into 67577 SUSPECTED S3000 — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
82213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005		07/31/2006		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005		07/31/2006		03/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2004		06/14/2004		12/22/2005		FALSE	FALSE	OTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		07/31/2006		09/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2004		12/14/2006		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2004		12/14/2006		07/02/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2004		12/14/2006		07/18/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2004		12/14/2006		01/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2004		12/14/2006		07/02/2010		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005		07/31/2006		01/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/2004		12/14/2006		08/16/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		03/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2004		06/23/2004		03/31/2012		FALSE	FALSE	OTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2004		12/14/2006		07/18/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005	02/15/2007	07/31/2006	02/15/2007	09/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		01/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2004		06/28/2004		11/24/2010		FALSE	FALSE	OTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/24/2004		12/14/2006		07/28/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2004		10/27/2004		08/18/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/2005		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005		07/31/2006		03/23/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		02/12/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2004		06/28/2004		02/09/2007		FALSE	FALSE	OTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2005		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		12/09/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2004		07/14/2004		08/19/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		07/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005	10/05/2006	07/31/2006	10/05/2006	07/07/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005	12/12/2006	07/31/2006	12/12/2006	01/22/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		03/26/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		03/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005	02/15/2007	07/31/2006	02/15/2007	07/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/2005		07/31/2006		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		12/14/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/2005		07/31/2006		03/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

62279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		11/16/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		03/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62287	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2004		12/14/2006		07/18/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		12/14/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2005	10/10/2006	07/31/2006	10/10/2006	11/04/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/2004		12/14/2006		07/18/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		02/10/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2005		01/04/2005		06/02/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2005		01/04/2005		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62299	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2005		01/04/2005		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62300	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/19/2005		07/19/2005		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62301	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/19/2005		07/19/2005		06/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62302	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/15/2006		03/15/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62303	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/21/2006		03/21/2006		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62304	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/11/2006		05/11/2006		07/22/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62305	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/08/2006		06/08/2006		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62307	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2005		07/26/2005		06/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62308	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/26/2005		07/26/2005		09/11/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
62309	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/15/2005		09/15/2005		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62310	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/15/2005		09/15/2005		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62311	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/15/2005		09/15/2005		06/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62312	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/16/2005		09/16/2005		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62313	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/26/2005		10/26/2005		04/28/2013		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62314	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/03/2005		11/03/2005		03/25/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62315	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/09/2005		11/09/2005		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62374	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/17/2006		01/17/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62375	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/16/2006		02/16/2006		09/30/2012		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
62376	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2006		01/18/2006		03/25/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62377	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2006		01/18/2006		03/25/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62378	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/17/2006		05/17/2006		09/11/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62379	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/22/2006		02/22/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62380	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/26/2006		01/26/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62381	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2006		01/27/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62382	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/30/2006		01/30/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62383	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/01/2006		02/01/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62384	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/13/2006		02/13/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62385	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/01/2006		03/01/2006		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
62386	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/01/2006		03/01/2006		09/14/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
62388	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/07/2005		12/07/2005		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62395	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/07/2006		02/07/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62396	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/08/2006		02/08/2006		04/13/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

62401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005		07/31/2006		03/08/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62404	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005	11/20/2009	09/08/2005	11/20/2009			FALSE	FALSE	RPKGD into 83645 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD_SPM HOLD - DO NOT
62405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		09/08/2005		09/28/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		09/08/2005		09/24/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62408	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2005		09/13/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62409	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		09/08/2005		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62410	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		12/14/2006		10/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62411	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2005		09/14/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62414	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		09/08/2005		08/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62415	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2005		09/21/2005		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62416	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		09/08/2005		03/17/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62417	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		12/14/2006		03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005		07/31/2006		01/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		07/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005		07/31/2006		04/03/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2005		09/15/2005		08/15/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2005		09/15/2005		07/15/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62435	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2005		09/15/2005		08/29/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2005		09/15/2005		07/16/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/2005		09/19/2005		03/05/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2005		09/26/2005		04/28/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62443	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62444	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2005		09/26/2005		02/12/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2005		09/26/2005		08/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2005		09/26/2005		01/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2005		09/26/2005		04/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2005		09/26/2005		09/25/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		03/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		05/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2005		09/26/2005		09/11/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62461	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005	05/05/2010	10/13/2005	05/05/2010			FALSE	FALSE	RPKGD into 85465 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD_SPM HOLD - DO NOT
62463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005		10/13/2005		07/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62464	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

62466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		01/18/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		07/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		07/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005	01/04/2007	07/31/2006	01/04/2007	07/15/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		07/31/2006		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		06/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/08/2005		10/08/2005		04/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		07/31/2006		06/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2005		12/14/2006		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		03/06/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2005		10/17/2005		07/29/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62488	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005	01/11/2010	10/13/2005	01/11/2010			FALSE	FALSE	RPKGD into 83893 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62489	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005		10/13/2005		03/24/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005		10/13/2005		08/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2005		10/17/2005		02/15/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005		10/13/2005		10/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005		10/13/2005		09/11/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005		10/13/2005		08/23/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		07/31/2006		03/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62496	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		03/15/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62499	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62502	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005		07/31/2006		05/03/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62503	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		03/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2005		12/14/2006		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2005		10/24/2005		09/11/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62510	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2005		10/26/2005		10/26/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		10/27/2005		08/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62512	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2005		10/25/2005		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2005		10/26/2005		07/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		12/14/2006		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62517	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		07/31/2006		02/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62518	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2005	12/21/2009	10/31/2005	12/21/2009		VE	TRUE	FALSE	RPKGD into 83789 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2006		08/29/2006		09/15/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2006		12/14/2006		10/18/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62521	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		12/14/2006		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62522	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2005	11/24/2009	10/31/2005	11/24/2009			FALSE	FALSE	RPKGD into 83669 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2005		10/31/2005		08/26/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

62524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2005		10/31/2005		07/30/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2005		10/31/2005		03/17/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/02/2005		11/02/2005		04/22/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/02/2005		11/02/2005		04/23/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2005		11/02/2005		06/16/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/15/2005		12/14/2006		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62531	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2005		11/02/2005		03/21/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62532	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2005		11/02/2005		03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62533	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2005		11/02/2005		05/31/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62534	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2005	05/04/2010	11/02/2005	05/04/2010			FALSE	FALSE	RPKGD into 85394 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62536	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/19/2006		07/31/2006		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/31/2006		12/14/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/19/2006		07/31/2006		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/31/2006		12/14/2006		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/01/2006		12/14/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62546	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/05/2005		12/05/2005		04/26/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/19/2006		07/31/2006		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/08/2006	10/18/2006	07/31/2006	10/18/2006	04/14/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/08/2006		07/31/2006		05/03/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/15/2006		12/14/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62555	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/19/2006		07/31/2006		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/08/2006		07/31/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/05/2005		12/05/2005		07/30/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/09/2006		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/14/2005		11/14/2005		09/27/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2005		12/14/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006	10/23/2006	07/31/2006	10/23/2006	01/16/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/08/2005		12/14/2006		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62566	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/19/2006		07/31/2006		01/24/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2005		12/14/2006		04/07/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2005		11/14/2005		11/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006		07/31/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62571	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2005		11/08/2005		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/2005		12/14/2006		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/01/2005		12/14/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62576	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		11/29/2005		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62577	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		11/29/2005		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2005		12/14/2006		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62580	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2005		12/14/2006		10/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62581	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		11/29/2005		01/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62582	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		11/29/2005		07/16/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2005		12/14/2006		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2005		12/14/2006		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2005		11/30/2005		03/06/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2005		12/14/2006		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006	10/25/2006	07/31/2006	10/25/2006	04/19/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

62598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/2006		12/14/2006		01/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2004		07/31/2006		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2004		03/02/2004		02/20/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2004		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2004		07/31/2006		03/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/2004	02/28/2006	03/03/2004	02/28/2006	09/29/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2004		07/31/2006		02/17/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2004		03/11/2004		08/12/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004	02/22/2007	07/31/2006	02/22/2007	08/24/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2004	02/09/2006	03/18/2004	02/09/2006	04/14/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2004		03/09/2004		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2004		03/08/2004		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2004		03/09/2004		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		03/25/2004		04/12/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2004		07/31/2006		04/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2004		03/17/2004		09/09/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/2004		03/23/2004		11/04/2010		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		07/31/2006		05/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		07/31/2006		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62620	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2004		03/17/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62622	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2004	11/23/2010	03/18/2004	11/23/2010			FALSE	FALSE	RPKGD into 87613 87614 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2004		03/18/2004		02/25/2012		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		03/25/2004		09/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		07/31/2006		10/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2004		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2004		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2004		04/21/2004		08/14/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004		03/25/2004		07/26/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004		04/01/2004		07/14/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004		04/01/2004		06/28/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= REASSIGNED TO LA-MHD01 001 FROM LA-MIN04-S 001 ON 042413
62637	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004		04/01/2004		03/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2004		07/31/2006		04/21/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2004		03/30/2004		08/05/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2004		03/30/2004		10/27/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004		04/01/2004		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005		07/31/2006		04/19/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2004		03/31/2004		08/19/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2004		03/31/2004		03/31/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004		04/01/2004		07/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2004		03/31/2004		04/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2004		03/31/2004		02/16/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/2004		04/06/2004		10/19/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2004		07/31/2006		04/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62656	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2004	04/27/2010	04/14/2004	04/27/2010			FALSE	FALSE	RPKGD into 85303 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2004		04/07/2004		03/26/2008		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

62659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2004		04/07/2004		08/23/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2004		04/07/2004		03/11/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		04/22/2004		09/30/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2004		04/07/2004		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2004		07/31/2006		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2004		04/15/2004		05/19/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/2004		06/18/2004		09/22/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2004		04/14/2004		05/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2004		05/10/2004		09/18/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62671	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2004	11/23/2010	04/19/2004	11/23/2010			FALSE	FALSE	RPKGD into 87618 SUSPECTED S3000 --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62672	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004	04/09/2010	04/22/2004	04/09/2010			FALSE	FALSE	RPKGD into 85104 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62673	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2004	04/29/2010	04/21/2004	04/29/2010			FALSE	FALSE	RPKGD into 85355 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005		07/31/2006		02/15/2007		FALSE	FALSE	(require overpacking) --- P_MT42=Pu-242 >1%,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62675	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004	05/04/2010	04/22/2004	05/04/2010			FALSE	FALSE	RPKGD into 85391 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		04/22/2004		02/28/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004		04/22/2004		03/03/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2004		06/28/2004		06/30/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2004		05/24/2004		08/17/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2004	02/23/2006	06/30/2004	02/23/2006	11/10/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2004		05/18/2004		09/27/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005		07/31/2006		01/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2004		05/27/2004		02/15/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2004		06/10/2004		04/22/2010		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2005		07/31/2006		01/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/2004		06/07/2004		09/26/2009		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2004		05/12/2004		07/07/2013		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005		07/31/2006		04/20/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2004		05/12/2004		03/05/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005		07/31/2006		03/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2004		05/18/2004		08/27/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2004		06/09/2004		09/18/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005		07/31/2006		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62705	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/06/2006		06/06/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62706	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/06/2006		06/06/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62707	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/12/2006		07/12/2006		01/08/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62708	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/24/2008		01/24/2008		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62709	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/21/2008		01/21/2008		04/19/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
62710	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/21/2008		01/21/2008		08/23/2011		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
62711	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/01/2008		01/01/2008		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
62712	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/24/2008		01/24/2008		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62713	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/24/2008		01/24/2008		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62715	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/23/2006		08/23/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62716	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/08/2006		08/08/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62717	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/23/2006		08/23/2006		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62718	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/23/2006		08/23/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62719	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/16/2006		08/16/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

62720	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2008		04/07/2008		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62721	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/07/2008		04/07/2008		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62722	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/20/2008		04/20/2008		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62723	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/20/2008		04/20/2008		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62724	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2008		04/08/2008		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62725	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2008		04/08/2008		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62726	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2008		03/23/2008		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62727	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/23/2008		03/23/2008		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62728	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/30/2008		03/30/2008		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62729	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/30/2008		03/30/2008		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62730	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/29/2008		03/29/2008		01/06/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62731	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/29/2008		03/29/2008		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62732	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/29/2008		03/29/2008		01/06/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62733	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/11/2006		05/11/2006		07/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62734	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/26/2008		02/26/2008		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62735	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/28/2008		02/28/2008		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62736	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/15/2006		08/15/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62737	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/15/2006		08/15/2006		01/06/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62738	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/16/2006		08/16/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62739	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/16/2006		08/16/2006		06/28/2007		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62740	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/16/2006		08/16/2006		05/22/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62741	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/18/2006		08/18/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62742	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/17/2006		08/17/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62743	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/03/2006		10/03/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62744	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/24/2006		10/24/2006		09/14/2013		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=A HOLD_FLAG=
62746	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/13/2006		09/13/2006		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62747	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/12/2006		09/12/2006		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62748	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/12/2006		09/12/2006		05/28/2010		FALSE	FALSE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62750	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/12/2006		09/12/2006		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62751	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/13/2006		09/13/2006		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62752	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/09/2006		11/09/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62753	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/17/2007		01/17/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62754	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/17/2007		01/17/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62755	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2007		01/18/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62756	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/29/2013	09/26/2013	08/29/2013	09/26/2013		VE	TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=HOLD_FLAG=
62757	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/30/2014		07/30/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=HOLD_FLAG=
62758	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/04/2014		03/04/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=HOLD_FLAG=
62759	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/18/2013		06/18/2013				TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=A HOLD_FLAG=
62761	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2007		04/03/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62762	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/03/2007		04/03/2007		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62763	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2007		04/04/2007		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62764	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/08/2008		04/08/2008		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62765	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2008		04/30/2008		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=A HOLD_FLAG=
62766	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/12/2008		08/12/2008		08/06/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62767	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/12/2008		08/12/2008		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=
62768	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/28/2008		02/28/2008		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Verddate=[NULL] HOLD_FLAG=

62769	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/10/2006		08/10/2006				TRUE	TRUE	MT_42=N/A - AK8, MT_83=N/A AK8, MT_83 REPORTED > 50%=AK8, Actual_Default Ventdate=A HOLD FLAG=
62770	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/10/2006		08/10/2006		12/14/2006		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62771	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2007		06/25/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62772	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2007		06/25/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62773	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2007		06/25/2007		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62774	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2007		06/25/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62775	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/25/2007		06/25/2007		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62776	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/27/2007		06/27/2007		07/20/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
62778	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/26/2008		02/26/2008		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62779	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/26/2008		02/26/2008		03/29/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
62801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2005		12/14/2006		11/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2006		12/14/2006		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2005		12/14/2006		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2006		12/14/2006		01/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2005		12/14/2006		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/2006		12/14/2006		01/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62808	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2006		12/14/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2006		12/14/2006		10/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/2006		12/14/2006		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/2006		12/14/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2006		12/14/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		02/08/2006		03/09/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2006		12/14/2006		09/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2006		12/14/2006		02/13/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2006		08/16/2006		07/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62820	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		02/08/2006		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		02/08/2006		02/28/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006		02/08/2006		07/28/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62824	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2006		12/14/2006		10/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2006		12/14/2006		02/27/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62826	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/2007		02/07/2007		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2006		12/14/2006		01/08/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2006		12/14/2006		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62831	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2006		02/13/2006		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2006		12/14/2006		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2006		12/14/2006		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2006		12/14/2006		09/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2006		12/14/2006		11/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2006		12/14/2006		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2006		12/14/2006		01/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2006		12/14/2006		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2006		12/14/2006		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62844	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2006		04/19/2006		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62847	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2006		04/19/2006		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62848	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2006		04/19/2006		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62849	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2006		04/19/2006		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

62851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2006		12/14/2006		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2006		12/14/2006		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2006		12/14/2006		08/14/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62856	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2006		12/14/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2006		05/23/2006		02/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2006		12/14/2006		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62860	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2006	05/04/2010	05/22/2006	05/04/2010			FALSE	FALSE	RPKGD into 85386 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2006		12/14/2006		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2006		06/15/2006		06/18/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2006		12/14/2006		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62866	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2006		08/14/2006		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2006		12/14/2006		10/18/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2006		08/14/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2006		08/16/2006		07/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2006		12/14/2006		03/22/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2006		11/16/2006		12/21/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2006		06/22/2006		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2006		12/14/2006		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2006		06/14/2006		09/13/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2006		12/14/2006		10/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2006		06/14/2006		07/29/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2007		04/01/2010		04/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2006		12/14/2006		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2006		06/21/2006		08/26/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62890	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/2006	05/03/2010	06/20/2006	05/03/2010			FALSE	FALSE	RPKGD into 85370 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62891	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/2006	11/30/2010	06/20/2006	11/30/2010			FALSE	FALSE	RPKGD into 87630 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
62895	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2006		06/23/2006		05/02/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2006		12/14/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2006		12/14/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2006		11/20/2006		04/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		05/09/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		09/13/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		09/11/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		07/30/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		08/24/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		07/07/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2006		11/29/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2006		11/30/2006		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2006		11/29/2006		10/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2006		12/08/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2006		11/28/2006		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2006		12/05/2006		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2006		12/06/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2006		12/05/2006		06/29/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2006		12/05/2006		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2006		12/04/2006		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

62927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2006		12/07/2006		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2006		12/05/2006		11/11/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2007		01/11/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2007		01/02/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2007		01/02/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2007		01/09/2007		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2007		01/08/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/2007		01/10/2007		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2007		01/02/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2007		01/09/2007		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2007		01/02/2007		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2007		01/02/2007		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2007		01/08/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2007		01/09/2007		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/2007		05/14/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2007		01/09/2007		09/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2007		01/16/2007		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2007		02/14/2007		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2007		01/16/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2007		01/16/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2007		01/29/2007		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2007		03/06/2007		04/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2007		01/11/2007		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2007		04/16/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2007		01/16/2007		06/27/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62957	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2007		01/16/2007		11/09/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2007		01/29/2007		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2007		01/18/2007		10/18/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2007		01/29/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2007		01/18/2007		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2007		02/20/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62965	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2007		01/29/2007		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2007		01/18/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2007		01/29/2007		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2007		01/18/2007		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2007		01/18/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2007		02/13/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007		03/01/2007		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/2007		01/30/2007		01/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007		03/01/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2007		02/20/2007		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2007		03/13/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2007		02/20/2007		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62979	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2007		04/05/2007		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62980	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2007		04/05/2007		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62981	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2007		04/05/2007		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

62982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2007		02/21/2007		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2007		02/13/2007		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
62984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2007		03/14/2007		11/08/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2007		03/12/2007		08/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62986	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/2007		04/04/2007		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62987	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/2007		04/04/2007		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62988	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		08/26/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
62990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2007		03/12/2007		04/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
62991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2007		02/13/2007		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/2007		02/07/2007		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2007		02/08/2007		10/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
62999	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2007		02/14/2007		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63000	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2007		02/22/2007		03/22/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2007		05/24/2007		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2007		07/11/2007		08/29/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2007		05/21/2007		05/25/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2007		06/13/2007		04/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2007		06/04/2007		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63120	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		07/18/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63122	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2007		05/21/2007		07/07/2009		FALSE	FALSE	Pu-240>15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63123	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2007		05/21/2007		08/30/2012		FALSE	FALSE	MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007	11/08/2007	10/17/2007	11/08/2007	03/11/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		03/10/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2007		06/04/2007		04/20/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2007		06/06/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2007		07/30/2007		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2007		06/26/2007		04/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/2007		09/20/2007		03/24/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63138	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2007		06/06/2007		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63139	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2007		06/06/2007		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63140	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2007		06/11/2007		04/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63141	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2007		06/11/2007		05/02/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/2007		06/20/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/2008		02/07/2008		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2007		09/04/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63147	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2007		08/25/2007		04/21/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63148	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2007		08/03/2007		05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2007		08/21/2007		04/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2007		08/21/2007		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2007		08/25/2007		10/11/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2007		07/11/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2007		07/11/2007		11/21/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2007		07/12/2007		11/04/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

63156	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2007		06/29/2007		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63157	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2008		04/01/2010		03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2007		06/28/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2007		06/26/2007		03/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2007		07/12/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2007		07/03/2007		03/06/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2007		07/03/2007		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2007		07/03/2007		02/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2007		07/02/2007		04/23/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2007		08/02/2007		02/28/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2007		07/24/2007		04/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2007		07/03/2007		07/26/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/2007		07/09/2007		10/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63171	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2007		07/10/2007		02/14/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2007		07/17/2007		05/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2007		07/11/2007		11/23/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2007		07/31/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2007		07/11/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63178	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2007		07/18/2007		10/23/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2007		07/23/2007		03/25/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2007		08/08/2007		10/12/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2007		07/25/2007		10/11/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63183	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2007		08/08/2007		07/18/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008		06/16/2008		06/18/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63185	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/06/2007		08/06/2007		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2007		07/30/2007		06/24/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2007		09/27/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63190	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2007		07/25/2007		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63191	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2007		07/25/2007		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2007		08/27/2007		11/01/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63193	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2007		07/31/2007		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63194	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2007		07/31/2007		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2007		08/09/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2007		08/01/2007		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2007		08/01/2007		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2006		06/28/2006		04/02/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2006		07/27/2006		06/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2006		06/29/2006		09/11/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2006		12/14/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2006		07/25/2006		08/27/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2006		07/18/2006		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2006		12/14/2006		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2006		12/14/2006		10/18/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2006		09/12/2006		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2006		12/14/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2006		12/14/2006		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

63218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2006		12/14/2006		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2006		07/25/2006		05/11/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2006		07/25/2006		07/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2006		12/14/2006		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2006		09/13/2006		05/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2006		12/14/2006		01/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2006		12/14/2006		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63223	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2006		12/14/2006		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2006		07/24/2006		05/31/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2006		08/01/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2006		07/27/2006		01/18/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2006		08/14/2006		07/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2006		12/14/2006		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2006		07/31/2006		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2006		12/14/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2006		12/14/2006		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2006		12/14/2006		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2006		08/24/2006		03/10/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2006		08/08/2006		04/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2006		08/15/2006		08/07/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2006		12/14/2006		02/13/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2006		12/14/2006		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2006		08/22/2006		10/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2006		12/14/2006		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2006		08/07/2006		08/07/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2006		08/30/2006		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2006		12/14/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2006		08/14/2006		07/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2006		08/17/2006		02/13/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2006		08/17/2006		10/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2006		08/22/2006		08/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2006		08/18/2006		08/16/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2006		08/17/2006		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2006		08/23/2006		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2006		08/23/2006		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2006		08/22/2006		08/15/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2006		08/29/2006		08/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2006		08/23/2006		05/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2006		08/16/2006		09/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2006		08/17/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2006		08/22/2006		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2006		08/21/2006		07/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2006		08/21/2006		07/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63270	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2006	12/02/2009	08/22/2006	12/02/2009			FALSE	FALSE	RPKGD into 83693 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
63271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2006		08/21/2006		01/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2006		08/30/2006		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

63273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2006		08/30/2006		05/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2006		08/29/2006		10/18/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2006		08/29/2006		07/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2006		09/08/2006		06/07/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2006		08/29/2006		03/25/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2006		08/30/2006		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2006		09/06/2006		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63280	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2006	11/16/2009	08/24/2006	11/16/2009			FALSE	FALSE	RPKGD into 83606 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
63281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2006		08/30/2006		05/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/2006		09/28/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2006		08/24/2006		09/01/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2006		08/30/2006		11/01/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2006		08/31/2006		05/26/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2006		09/18/2006		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63287	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006		10/24/2006		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2006		12/14/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2006		09/21/2006		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2006		09/18/2006		06/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2006		11/29/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2006		09/21/2006		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2006		09/21/2006		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2006		12/14/2006		02/21/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2006		09/07/2006		08/19/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63300	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2005		12/14/2006		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63301	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2005		12/14/2006		10/23/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2005		07/31/2006		05/25/2012		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2005		03/29/2005		08/19/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63304	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2005		03/30/2005		10/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63305	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2005		03/30/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005		07/31/2006		03/22/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63308	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2005		04/05/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63309	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2005		04/05/2005		05/02/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2005		07/31/2006		07/15/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63311	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005		04/07/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63312	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2005		04/11/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2005		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2005		07/31/2006		10/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		03/30/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/2005		07/31/2006		08/30/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63318	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2005		04/19/2005		07/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63319	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2005		04/12/2005		09/30/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2005		04/13/2005		07/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2006		07/31/2006		03/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63325	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2005		04/13/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2005		04/14/2005		09/30/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63329	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2005	10/29/2009	04/18/2005	10/29/2009		VE	TRUE	FALSE	RPKGD into 83479 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT

83330	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2005	11/06/2009	04/19/2005	11/06/2009		VE	TRUE	FALSE	RPKGD into 83554 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
83332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005		07/31/2006		03/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2005		05/09/2005		06/30/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2005		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2005		07/31/2006		07/03/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83338	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005		05/10/2005		09/08/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2005		05/11/2005		09/24/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83342	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/20/2005		04/20/2005		06/17/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83343	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/20/2005		04/20/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83344	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2005		04/21/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2005	12/12/2006	07/31/2006	12/12/2006	01/15/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2005		06/01/2005		11/11/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005		05/10/2005		06/13/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2005		05/09/2005		06/02/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83353	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	11/02/2009	05/10/2005	11/02/2009		VE	TRUE	FALSE	RPKGD into 83503 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
83354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2005		05/05/2005		05/08/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83355	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2005		05/03/2005		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83356	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2005		05/03/2005		07/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2005		05/09/2005		08/14/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005		07/31/2006		06/09/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005		07/31/2006		07/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83360	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/2005		05/06/2005		06/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83361	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2005		05/09/2005		04/27/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2005		05/16/2005		09/21/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005	12/04/2006	07/31/2006	12/04/2006	09/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005		07/31/2006		04/19/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83370	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2005		05/11/2005				FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2005	11/30/2006	07/31/2006	11/30/2006	09/11/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2005		05/19/2005		06/16/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005		07/31/2006		04/04/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2005		05/18/2005		04/14/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83377	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2005		06/01/2005		05/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2005		07/31/2006		07/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2005		07/31/2006		02/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83380	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2005		05/18/2005		05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83381	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2005		05/18/2005		10/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83382	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2005		06/27/2005		05/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83383	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2005		05/24/2005		05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2005		05/24/2005		09/13/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83387	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2005		12/14/2006		08/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2005		05/31/2005		07/10/2012		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2005		07/31/2006		05/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005		07/31/2006		06/09/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005		07/31/2006		12/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

63393	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2005		05/31/2005		05/20/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63396	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2005		06/01/2005		09/08/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63397	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2005		06/01/2005		04/21/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63398	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2005		06/16/2005				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63399	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2005		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63400	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2005		06/01/2005		07/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63404	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005	11/30/2006	07/31/2006	11/30/2006	05/19/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63405	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005		07/31/2006		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63406	S5G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2005	12/18/2009	06/08/2005	12/18/2009			FALSE	FALSE	RPKGD into 83779 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
63407	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2005		06/08/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63408	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005		07/31/2006		02/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63409	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		04/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63410	S5G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2005	05/04/2010	06/27/2005	05/04/2010			FALSE	FALSE	RPKGD into 85396 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
63411	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2005		06/15/2005		05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63412	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2005		08/09/2005		08/16/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63413	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2005		12/14/2006		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63414	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005	02/15/2007	07/31/2006	02/15/2007	12/16/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63415	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2005		12/14/2006		01/11/2012		FALSE	FALSE	Pu-240 > 15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63416	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2005		06/28/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63417	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/2005		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63419	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005		07/31/2006		03/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63420	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63421	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2005		07/31/2006		09/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63422	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2005		07/31/2006		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63424	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2005		06/28/2005		03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63425	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2005		06/28/2005		06/24/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63426	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2005		06/28/2005		02/14/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63427	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2005		12/14/2006		06/25/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63430	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2005		06/29/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63431	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2005		06/29/2005		03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63432	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2005		07/06/2005		09/29/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63433	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		04/20/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63434	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2005		07/14/2005		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63436	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2005		07/06/2005		10/20/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63437	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2005		07/06/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63438	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005		07/31/2006		12/18/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63439	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005		07/31/2006		02/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63440	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/2005		07/13/2005		01/27/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63441	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2005		07/25/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63445	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005		07/31/2006		12/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63448	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/2005		07/13/2005		03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63447	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2005		07/25/2005		07/13/2010		FALSE	FALSE	Pu-240>15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63448	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2005		07/14/2005		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63449	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2005		07/19/2005		03/24/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63451	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2005		07/27/2005		09/15/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63452	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		01/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

63453	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2005		07/25/2005		07/13/2010		FALSE	FALSE	Pu-240>15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63457	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2005		07/25/2005		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2005		07/27/2005		09/24/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2005		07/31/2006		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63461	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2005		07/28/2005		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63462	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2005		12/14/2006		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2005		08/08/2005		06/02/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2005		07/31/2006		08/14/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63466	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005		07/31/2006				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= D HOLD_FLAG=
63467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2005		08/09/2005		08/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2005		08/09/2005		07/05/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63470	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2005	12/03/2009	09/13/2005	12/03/2009		VE	TRUE	FALSE	RPKGD into 63711 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
63471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2005		09/13/2005		06/13/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2005		09/07/2005		02/06/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2005		09/13/2005		11/04/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2005		08/18/2005		02/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2005		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005		07/31/2006		12/20/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	12/04/2006	07/31/2006	12/04/2006	05/04/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2005		08/18/2005		06/30/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005		07/31/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005		07/31/2006		06/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2005		08/17/2005		08/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2005		08/18/2005		09/27/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2005		12/14/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2005		09/13/2005		08/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005		07/31/2006		05/03/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005		07/31/2006		07/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005		07/31/2006		07/26/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005		07/31/2006		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63496	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005		07/31/2006		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
63501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006		10/24/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63502	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2006		10/02/2006		03/20/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63503	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/2006		12/14/2006		02/27/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2006		10/25/2006		04/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63507	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2006		10/02/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63508	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2006	11/10/2009	09/26/2006	11/10/2009			FALSE	FALSE	RPKGD into 63571 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD SPM HOLD - DO NOT
63509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2006		09/26/2006		09/01/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2006		09/25/2006		03/08/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2006		10/04/2006		05/02/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2006		10/10/2006		09/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2006		10/04/2006		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2006		10/03/2006		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2006		11/13/2006		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2006		11/13/2006		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

63520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006		10/24/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006		10/24/2006		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006		10/24/2006		02/13/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2006		11/13/2006		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2006		11/13/2006		04/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2006		10/04/2006		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2006		10/11/2006		11/04/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006		10/24/2006		02/13/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63531	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2006		11/20/2006		09/17/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63532	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2006		10/10/2006		08/26/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2006		10/11/2006		09/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2006		10/23/2006		01/31/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/2006		10/19/2006		06/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2006		10/11/2006		07/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2006		10/31/2006		04/02/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2006		10/17/2006		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/2006		10/19/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2007		04/11/2007		09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63545	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		05/05/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63546	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2006		11/01/2006		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2006		10/31/2006		07/07/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2006		10/23/2006		07/16/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63549	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2006		10/23/2006		11/08/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006		10/24/2006		11/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		08/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2006		11/16/2006		01/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		10/02/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2006		10/25/2006		03/17/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2006		11/02/2006		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2006		11/15/2006		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2006		10/31/2006		08/25/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2006		10/31/2006		06/21/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2006		10/31/2006		02/28/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2006		11/16/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2006		10/31/2006		09/12/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2006		11/07/2006		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2006		11/16/2006		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2006		11/20/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2006		11/20/2006		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2006		11/16/2006		09/23/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2006		11/20/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2006		11/20/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2006		11/16/2006		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

63574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63576	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2006		11/27/2006		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2006		11/27/2006		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2006		11/27/2006		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2006		11/29/2006		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63580	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2006		11/29/2006		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2006		11/27/2006		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2007		01/08/2007		10/17/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2006		11/27/2006		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2006		11/28/2006		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2006		11/27/2006		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		05/28/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		05/02/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2006		11/14/2006		02/15/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2007		01/16/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2006		11/29/2006		04/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006		11/21/2006		02/09/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2007		04/16/2007		09/15/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2006		11/15/2006		01/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007		03/01/2007		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2007		09/27/2007		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2007		05/31/2007		02/24/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007		03/01/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2007		02/28/2007		11/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2007		02/28/2007		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2007		02/22/2007		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2007		02/27/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2007		03/13/2007		10/02/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2007		02/22/2007		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007		03/01/2007		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2007		02/21/2007		07/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2007		05/01/2007		05/28/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007		03/01/2007		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/2007		03/15/2007		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007		03/01/2007		01/31/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2007		03/13/2007		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2007		04/19/2007		03/15/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2007		04/10/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2007		03/27/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		03/17/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2007		03/27/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

63632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		02/13/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2007		04/05/2007		11/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63637	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/2007		03/15/2007		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2007		04/16/2007		10/12/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		01/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2007		04/19/2007		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2007		04/19/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2007		03/27/2007		01/18/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2007		04/10/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2007		03/08/2007		09/03/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2007		04/10/2007		07/05/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/2007		04/17/2007		09/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2007		04/03/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2007		04/05/2007		01/18/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2007		04/11/2007		10/19/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2007		04/03/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2007		04/05/2007		11/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2007		04/16/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2007		04/05/2007		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2007		04/11/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/2007		04/17/2007		08/27/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2007		03/13/2007		10/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2007		03/13/2007		05/06/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2007		03/13/2007		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/2007		04/17/2007		06/29/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/2007		04/17/2007		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2007		04/10/2007		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2007		05/01/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2007		04/16/2007		12/21/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2007		03/27/2007		02/12/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2007		03/27/2007		08/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2007		03/27/2007		07/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2007		03/27/2007		02/06/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2007		04/10/2007		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2007		05/01/2007		04/04/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63676	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		10/26/2009		FALSE	FALSE	Pu-240 > 15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2007		04/10/2007		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2007		04/11/2007		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2007		04/11/2007		01/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
63681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		02/08/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		08/24/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2007		04/09/2007		06/23/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

63685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2007		04/19/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		01/18/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
63691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/21/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63693	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2007		04/12/2007		08/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63696	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2007	08/15/2012	08/11/2007	08/15/2012	09/25/2012		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2007		04/12/2007		03/06/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2007		05/03/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2007		05/01/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/2007		04/17/2007		02/19/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/2007		05/15/2007		01/19/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/2007		05/15/2007		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		08/18/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		08/07/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		11/04/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		09/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		08/18/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		05/24/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007		04/30/2007		05/22/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63721	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		08/10/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63722	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63723	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63724	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007		04/18/2007		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63725	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2007		05/21/2007		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/2007		05/14/2007		11/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		01/18/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

63735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63740	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		11/08/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		09/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2007		05/08/2007		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2007		07/03/2007		11/24/2009		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2007		05/16/2007		01/31/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		10/08/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2008	04/30/2008	04/24/2008	04/30/2008	04/15/2009	VE	FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		03/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63751	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2007		09/11/2007		04/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		11/06/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		09/29/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007		05/10/2007		09/29/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2007		06/04/2007		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63756	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2007		05/03/2007		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63757	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2007		05/03/2007		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2007		05/08/2007		11/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63759	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2007		05/07/2007		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63760	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2007		05/03/2007		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63761	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2007		05/03/2007		03/07/2010		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63762	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2007		05/07/2007		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63763	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2007		05/07/2007		10/26/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63764	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2007		05/07/2007		10/26/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/2007		05/30/2007		05/01/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2007		07/03/2007		09/30/2008		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2007		05/16/2007		09/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		04/09/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		11/09/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		02/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/21/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2007		05/22/2007		01/31/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2007		08/13/2007		07/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/2007		06/05/2007		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

63790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		01/31/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		05/01/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		04/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63796	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		04/05/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		11/04/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007		05/23/2007		04/19/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2007		08/01/2007		10/22/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2007		08/09/2007		08/13/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		04/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2007		11/29/2007		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2007		08/02/2007		08/02/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2007		08/02/2007		10/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63806	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2007		08/09/2007		05/01/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2007		08/08/2007		09/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63808	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007		08/22/2007		05/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007		09/18/2007		04/14/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		09/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63812	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2007		08/21/2007		04/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		03/11/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		04/19/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2007		09/11/2007		09/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2007		08/09/2007		04/24/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2007		08/09/2007		05/02/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63819	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2007		08/08/2007		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		09/27/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007		08/22/2007		11/17/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2007		08/13/2007		08/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2007		08/13/2007		04/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63824	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2007		08/13/2007		04/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63825	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		01/27/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63826	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		10/26/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2007		08/27/2007		10/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2011		11/07/2011		09/29/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63833	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2007		08/28/2007				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		02/19/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		05/24/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007		08/14/2007		05/01/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2007		08/28/2007		07/29/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2007		08/15/2007		05/01/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2007		09/27/2007		05/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

63841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		09/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2007		08/21/2007		10/30/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		04/19/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63846	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2007		08/21/2007		11/24/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007		10/23/2007		09/27/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007		08/22/2007		09/11/2008		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		09/27/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63856	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2007		08/21/2007		11/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007		08/22/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2007		09/05/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2007		08/30/2007		09/10/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63860	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007		08/22/2007		08/29/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2007		08/21/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2007		09/04/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2007		11/05/2007		01/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63864	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2007		09/04/2007		09/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2007		11/05/2007		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63866	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2007		09/04/2007		09/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007		08/22/2007		09/09/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2007		08/29/2007		02/12/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2007		08/23/2007		11/23/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2007		08/23/2007		11/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2007		08/23/2007		10/20/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2007		09/24/2007		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2007		08/27/2007		10/13/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63876	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2007		08/23/2007		05/26/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2007		11/29/2007		02/13/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2007		08/28/2007		11/04/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		09/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2007		09/13/2007		07/16/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2007		09/06/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63882	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2007		10/11/2007		04/11/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		06/02/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2007		11/01/2007		04/02/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63886	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2007		09/04/2007		05/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		04/18/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2007		09/27/2007		03/06/2009		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2007		10/24/2007		01/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2007		09/06/2007		10/13/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

63891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2007		09/10/2007		10/06/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2007		09/13/2007		02/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2007		09/24/2007		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007		09/18/2007		10/01/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007		09/18/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63899	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2007		09/13/2007		02/12/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007		09/18/2007		05/02/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007		09/18/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007		09/18/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2007		09/13/2007		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2007		09/13/2007		04/05/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63906	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2007		09/12/2007		10/23/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63907	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2007		09/12/2007		08/30/2012		FALSE	FALSE	MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63908	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2007		09/12/2007		10/23/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007		09/18/2007		03/24/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		03/17/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2007		10/11/2007		02/24/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		01/08/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		04/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		02/16/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		02/15/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		04/21/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		03/17/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		04/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		07/26/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007		09/25/2007		07/14/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007		10/23/2007		04/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/2007		10/16/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		09/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		09/27/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007	11/08/2007	10/23/2007	11/08/2007	03/11/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		09/11/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007		10/23/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		09/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2007		09/27/2007		04/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007		10/23/2007		07/14/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		04/18/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		03/15/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

63943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2007		10/17/2007		09/27/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2007		10/02/2007		10/06/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2007		10/11/2007		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		09/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008	03/20/2008	02/20/2008	03/20/2008	01/30/2009	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2008		04/24/2008		03/24/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2007		10/18/2007		07/26/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2007		10/18/2007		03/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2007		10/18/2007		02/27/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2007		10/18/2007		09/10/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2007		10/11/2007		03/05/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007	11/08/2007	10/23/2007	11/08/2007	03/11/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63957	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2008		01/09/2008		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2008	03/20/2008	03/05/2008	03/20/2008	07/27/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63959	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2008		03/25/2008		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007	11/08/2007	10/23/2007	11/08/2007	03/11/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		04/21/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007	11/08/2007	10/23/2007	11/08/2007	02/21/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		08/09/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/2007		12/19/2007		04/02/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2007		10/23/2007		09/23/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2007		11/13/2007		11/21/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2007		10/24/2007		08/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2008	01/23/2008	01/09/2008	01/23/2008	04/22/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		04/18/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		04/09/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		03/20/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
63981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2007		10/29/2007		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2007		11/01/2007		09/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2007		11/29/2007		09/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2007		11/07/2007		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2007	11/28/2007	11/14/2007	11/28/2007	08/15/2009	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2007		11/14/2007		09/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2007		12/12/2007		09/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2007		12/12/2007		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2007		11/29/2007		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2007	12/05/2007	11/29/2007	12/05/2007	04/22/2009	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2007		12/03/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2007		12/03/2007		11/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2007		11/13/2007		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2007		11/13/2007		07/26/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2007		11/27/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
63998	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2007		11/08/2007		08/10/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64000	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2007		09/19/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64001	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/20/2007		09/20/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64002	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/13/2007		12/13/2007		03/25/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64003	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2007		09/19/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64004	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/20/2007		09/20/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64005	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/21/2007		09/21/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64006	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/20/2007		09/20/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64007	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/21/2007		09/21/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64008	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/13/2007		12/13/2007		10/15/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64009	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2007		09/19/2007		08/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64010	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/21/2007		09/21/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64011	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2007		09/19/2007		04/15/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64012	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/21/2007		09/21/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64014	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/11/2007		12/11/2007		10/01/2008		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64015	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/22/2008		01/22/2008		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64016	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/10/2010		08/10/2010		10/08/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64017	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/21/2008		05/21/2008				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64018	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/23/2008		05/23/2008		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64019	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/23/2008		05/23/2008		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64020	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/14/2009		10/14/2009		08/23/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64021	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/14/2009		08/14/2009		05/26/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
64033	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/27/2009		10/27/2009		04/19/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64034	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/27/2009		10/27/2009		07/15/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64035	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/21/2010		04/21/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64036	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/12/2008		08/12/2008		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64038	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/13/2008		08/13/2008		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64039	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/09/2008		09/09/2008		08/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64040	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2008		04/30/2008		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64041	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/17/2008		06/17/2008		05/26/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64042	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/17/2008		06/17/2008		05/26/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64043	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/17/2008		06/17/2008		05/26/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64044	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/17/2008		06/17/2008		05/26/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64045	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/28/2008		10/28/2008		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64046	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/29/2008		10/29/2008		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64047	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2008		11/13/2008		04/09/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64048	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2008		11/13/2008		08/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64049	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/13/2008		11/13/2008		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64050	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/27/2009		01/27/2009		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64051	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/28/2010		08/28/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64052	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/28/2010		08/28/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64060	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/21/2008		10/21/2008		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64061	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/22/2008		10/22/2008		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64062	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/22/2008		10/22/2008		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64063	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/22/2008		10/22/2008		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64065	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/30/2008		10/30/2008		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

64066	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/30/2006		10/30/2006		04/02/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64067	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/21/2010		04/21/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
64068	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/21/2010		04/21/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64069	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/04/2008		11/04/2008		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64070	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/04/2008		11/04/2008		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64071	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/04/2008		11/04/2008		06/08/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64073	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/04/2008		11/04/2008		06/15/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64074	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/04/2008		11/04/2008		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64075	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/05/2008		11/05/2008		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64076	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/05/2008		11/05/2008		06/10/2009		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64078	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/13/2009		03/13/2009		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64079	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/05/2009		05/05/2009		06/19/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64081	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/17/2011		02/17/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64082	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	04/30/2013		04/30/2013		09/14/2013		TRUE	TRUE	MT42=N/A AK8 , MT83=N/A AK8, MT83 > 50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
64100	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2007		11/26/2007		09/18/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64102	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2007		11/15/2007		09/03/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64103	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2007		11/13/2007		08/09/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64104	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64105	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64106	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		11/04/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64107	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64109	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007		11/28/2007		02/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64110	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2007		11/15/2007		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64111	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2007		11/26/2007		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64112	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2008		01/29/2008		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64113	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2007		11/27/2007		02/12/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64114	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2008		01/09/2008		11/04/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64116	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/2007		11/27/2007		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64117	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2007		12/03/2007		08/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64118	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007	12/05/2007	11/28/2007	12/05/2007	04/28/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64119	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2007		11/29/2007		06/02/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64121	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2007		12/03/2007		09/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64122	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2008		01/29/2008		02/19/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64123	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2008		01/14/2008		03/05/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64124	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2007		11/29/2007		01/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64126	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/2008		01/30/2008		09/18/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64127	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/2007		12/13/2007		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64128	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2007		12/03/2007		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64129	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/2007		12/13/2007		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64130	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/05/2007	12/05/2007	12/05/2007	12/05/2007	05/06/2012	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64132	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2007		12/12/2007		10/13/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64134	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/2007		12/19/2007		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64136	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2007		12/17/2007		11/21/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64137	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/20/2007		12/20/2007		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64138	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2007		12/18/2007		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64139	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2008		02/28/2008		10/03/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2008		01/14/2008		03/06/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64141	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/2007		12/19/2007		05/16/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2008		01/14/2008		09/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64144	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2008		02/13/2008		05/04/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2008		03/11/2008		02/15/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2008		02/28/2008		04/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2008		02/21/2008		09/24/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2008		01/16/2008		10/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2008		01/24/2008		04/22/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2008		01/17/2008		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2008		01/24/2008		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2008		02/11/2008		01/29/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2008		01/31/2008		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2008		01/31/2008		03/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/2008		02/12/2008		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/2008		02/12/2008		11/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2008		02/11/2008		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2008		03/25/2008		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/2008		02/19/2008		02/20/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2008		03/10/2008		07/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008		02/20/2008		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008		02/20/2008		03/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2008	04/30/2008	04/24/2008	04/30/2008	06/02/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008		02/20/2008		11/12/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008		02/20/2008		03/06/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008		02/20/2008		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008	03/20/2008	02/20/2008	03/20/2008	02/06/2009	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2008	03/20/2008	02/27/2008	03/20/2008	06/21/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2008		05/12/2008		08/25/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2008		02/20/2008		04/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2008		05/19/2008		03/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/2008		03/03/2008		07/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2008		05/01/2008		04/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2008		03/05/2008		07/30/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2008		03/17/2008		08/25/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2008		03/12/2008		02/12/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2008		03/10/2008		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/2008		05/15/2008		03/11/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2008		03/13/2008		07/26/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2008		03/13/2008		04/02/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2008		03/13/2008		08/02/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2008		03/13/2008		03/05/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2008		03/13/2008		04/02/2009		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2008	04/30/2008	04/24/2006	04/30/2008	06/02/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2008		03/12/2008		07/29/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64191	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2008		03/13/2008		10/26/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

84192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2008		04/22/2008		03/17/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84194	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2008		03/27/2008		07/05/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84195	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2008		03/19/2008		10/26/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2008	04/23/2008	03/26/2008	04/23/2008	01/30/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2008		03/24/2008		08/18/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2008		03/25/2008		11/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2008		07/24/2008		02/25/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84201	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/2008		06/17/2008		07/29/2009		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2008		05/27/2008		01/28/2009		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2008		05/27/2008		02/06/2009		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2008		05/28/2008		02/15/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2008		05/28/2008		02/07/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2008		05/28/2008		06/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84208	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2008		05/28/2008				FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= AMWTP Container No.10415702
84209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008		06/02/2008		02/28/2010		FALSE	FALSE	(require overpacking) Pu-240>15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008		06/02/2008		04/21/2009		FALSE	FALSE	Pu-240>15% (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84211	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008		06/03/2008		10/26/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2008		12/03/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2008		06/10/2008		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008		06/16/2008		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008		06/16/2008		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008	06/18/2008	06/16/2008	06/18/2008	02/06/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008	06/18/2008	06/16/2008	06/18/2008	03/11/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008	06/18/2008	06/16/2008	06/18/2008	01/30/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008	06/18/2008	06/16/2008	06/18/2008	01/30/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008	06/18/2008	06/16/2008	06/18/2008	03/11/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008		06/16/2008		04/07/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84223	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008		06/16/2008		07/08/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008		06/16/2008		04/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2008		06/19/2008		08/14/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84226	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2008		06/16/2008		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	08/19/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	04/15/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	06/29/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	04/15/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	07/29/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	06/23/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	07/23/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	04/28/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2008	07/02/2008	06/23/2008	07/02/2008	04/22/2009	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/2008		06/17/2008		02/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/2008		07/09/2008		04/08/2012		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2008		06/19/2008		04/07/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2008		09/08/2008		02/09/2010		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2008	07/09/2008	07/08/2008	07/09/2008	07/05/2009	VE	TRUE	FALSE	VEd at TA55 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84244	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2008		06/25/2008		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64246	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2008		06/25/2008		09/30/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2008		07/02/2008		09/08/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2008		07/02/2008		04/07/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008		07/23/2008		03/17/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2008		08/05/2008		06/17/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2008		08/12/2008		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2008		08/04/2008		03/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2008		08/05/2008		03/02/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	04/15/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	06/25/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	04/15/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	04/15/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	07/07/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	04/15/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	04/28/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2008	07/23/2008	07/10/2008	07/23/2008	07/18/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2008		07/02/2008		01/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64263	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2008		07/02/2008		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2008		07/17/2008		03/08/2009		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	08/13/2008	07/23/2008	08/13/2008	06/23/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	08/13/2008	07/23/2008	08/13/2008	06/18/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	08/13/2008	07/23/2008	08/13/2008	11/01/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	08/13/2008	07/23/2008	08/13/2008	10/07/2010	VE	FALSE	FALSE	VEd at TA55 (require overpacking) 0511 10 R0 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	08/13/2008	07/23/2008	08/13/2008	06/23/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	08/13/2008	07/23/2008	08/13/2008	06/18/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64272	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/2008		07/09/2008		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64273	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2008		07/22/2008				FALSE	FALSE	Suspect S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP
64276	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008		07/23/2008		06/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2008		07/22/2008		04/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2008		07/24/2008		07/08/2009		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64279	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008		07/23/2008		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64280	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2008		07/22/2008		08/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2008		07/30/2008		02/19/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2008		07/31/2008		04/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64285	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2008		07/24/2008		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2008		08/21/2008		03/02/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64287	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2008		08/05/2008		07/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2008		08/13/2008		07/18/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2008		08/13/2008		06/18/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2008		07/30/2008		02/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2008		07/31/2008		09/13/2010		FALSE	FALSE	(require overpack) 0511 10 R2 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2008		12/10/2008		04/29/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2008		09/10/2008		08/21/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64294	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2009		05/11/2009		10/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64295	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2008		07/31/2008		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64296	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2008		07/31/2008		07/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2008		08/28/2008		02/28/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2008		08/07/2008		02/17/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2009		06/11/2009		05/17/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	06/10/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/2009		06/17/2009		10/10/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	05/09/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/2009		07/09/2009		01/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2009		06/01/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2009		06/01/2009		05/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2010		01/26/2010		09/25/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2009		06/02/2009		11/17/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2009	06/03/2009	06/03/2009	06/03/2009	02/09/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2009		06/02/2009		11/16/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2009		06/02/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2009		06/02/2009		03/03/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2009		07/23/2009		01/29/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64313	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2009		06/01/2009		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64314	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2009		06/01/2009		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2009		06/03/2009		02/16/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2009		06/03/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2009		08/18/2009		05/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2009		08/08/2009		05/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		04/26/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		04/21/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		05/02/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		04/29/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		05/02/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2009	09/23/2009	08/12/2009	09/23/2009	01/18/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2009		06/09/2009		05/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2009	07/16/2009	07/06/2009	07/16/2009	07/26/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2009	07/16/2009	07/06/2009	07/16/2009	04/22/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2009	07/16/2009	07/06/2009	07/16/2009	04/22/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2009	07/16/2009	07/06/2009	07/16/2009	06/17/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/2009	07/16/2009	07/13/2009	07/16/2009	10/18/2010	VE	FALSE	FALSE	VEd at TA55 (require overpacking) 0511 10 R0 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2009	09/16/2009	08/10/2009	09/16/2009	09/09/2010	VE	FALSE	FALSE	VEd at TA55 (require overpacking) 0511 10 R0 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	06/11/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/2009		07/08/2009		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2009		06/25/2009		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2009		06/25/2009		02/17/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2009		06/25/2009		03/09/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2009		06/25/2009		01/29/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/2009	07/16/2009	07/08/2009	07/16/2009	06/17/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/08/2009		07/08/2009		10/20/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/29/2009		07/29/2009		01/28/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64343	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/08/2009		07/08/2009		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	06/29/2009		06/29/2009		02/25/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/08/2009		07/08/2009		02/16/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/28/2009		07/28/2009		02/08/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/22/2009		07/22/2009		02/16/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64348	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/08/2009		07/08/2009		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/09/2009		09/09/2009		04/03/2011		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64350	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/08/2009		07/08/2009		08/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/29/2009		07/29/2009		02/09/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/28/2009		07/28/2009		02/16/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/29/2009		07/29/2009		01/29/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2009		08/10/2009		05/09/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/09/2009		07/09/2009		01/29/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/14/2009		07/14/2009		05/02/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/14/2009		07/14/2009		02/17/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/15/2009		07/15/2009		01/31/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/15/2009		07/15/2009		03/01/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/15/2009		07/15/2009		02/08/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/30/2009		07/30/2009		02/09/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/21/2009		07/21/2009		03/03/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/20/2009		08/20/2009		05/12/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64364	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/15/2009		07/15/2009		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64365	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/15/2009		07/15/2009		10/19/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/23/2009		07/23/2009		04/19/2012		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=[NULL],MT_83=[NULL],MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=A HOLD_FLAG=
64368	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/16/2009		07/16/2009		08/08/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64369	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/18/2009		07/18/2009		08/26/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/21/2009		07/21/2009		02/17/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64371	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/18/2009		07/18/2009		06/09/2011		FALSE	FALSE	— P_MT42=MT 42 Mo,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/13/2009		08/13/2009		05/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/20/2009		08/20/2009		05/17/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64374	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/26/2009		08/26/2009		08/08/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/28/2009		07/28/2009		03/03/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/28/2009		07/28/2009		02/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/03/2009		08/03/2009		02/16/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2009	09/16/2009	08/10/2009	09/16/2009	06/05/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2009	09/16/2009	08/10/2009	09/16/2009	08/10/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2009	09/16/2009	08/10/2009	09/16/2009	08/26/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/24/2009		09/24/2009		10/12/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64382	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/03/2009		08/03/2009		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64383	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/26/2009		08/26/2009		08/08/2010		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64384	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/03/2009		08/03/2009		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/30/2009		07/30/2009		09/22/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64386	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/11/2009		08/11/2009		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2009		08/10/2009		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2009		08/04/2009		01/29/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2009		08/18/2009		05/13/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64390	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2009		08/17/2009		07/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/2009		09/28/2009		10/06/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2009		08/26/2009		03/24/2011		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		03/30/2011		FALSE	FALSE	(require overpacking) 0511 10 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2009		06/10/2009		01/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009		08/13/2009		10/29/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009		08/13/2009		05/23/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009		08/13/2009		05/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	06/02/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	08/11/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64501	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/14/2009		01/14/2009				TRUE	TRUE	MT_42=N/A - AK8, MT_83=N/A AK8, MT_83 REPORTED > 50%=AK8, Actual_Default Ventdate=A HOLD FLAG=
64502	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/14/2009		01/14/2009				TRUE	TRUE	MT_42=N/A - AK8, MT_83=N/A AK8, MT_83 REPORTED > 50%=AK8, Actual_Default Ventdate=A HOLD FLAG=
64503	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/14/2009		01/14/2009				TRUE	TRUE	MT_42=N/A - AK8, MT_83=N/A AK8, MT_83 REPORTED > 50%=AK8, Actual_Default Ventdate=A HOLD FLAG=
64507	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/21/2009		01/21/2009		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64508	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/21/2009		01/21/2009		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64509	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/18/2009		08/18/2009		12/02/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64510	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/18/2009		08/18/2009		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64511	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/16/2010		09/16/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
64513	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/27/2012		11/27/2012		08/11/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64514	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/27/2012		11/27/2012		08/11/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64515	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2009		03/05/2009		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64517	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/03/2009		03/03/2009		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64518	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/11/2008		11/11/2008		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64520	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/04/2009		03/04/2009		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64521	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/03/2009		03/03/2009		06/03/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64522	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/02/2009		03/02/2009		06/19/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64523	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/28/2009		05/28/2009		05/21/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64524	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/12/2008		09/12/2008		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64525	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/13/2009		03/13/2009		05/28/2010		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64526	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/25/2009		08/25/2009		05/26/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64528	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/23/2009		06/23/2009		10/18/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64529	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/23/2009		06/23/2009		06/18/2010		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64530	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2009		08/24/2009		05/26/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64534	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/06/2010		08/06/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
64536	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/29/2009		07/29/2009		05/26/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64537	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/21/2010		04/21/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64539	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/15/2010		07/15/2010		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64540	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/10/2010		06/10/2010		04/19/2012		TRUE	TRUE	AK8 - No MT info required
64541	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/28/2012		11/28/2012		05/28/2013		TRUE	TRUE	P_MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64542	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/11/2010		08/11/2010		09/30/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64543	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/28/2012		11/28/2012		08/08/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64544	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/14/2010		10/14/2010		10/08/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64545	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/15/2011		02/15/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64546	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/16/2011		02/16/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=

64547	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/15/2011		02/15/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64548	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/26/2010		01/26/2010		02/10/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64549	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/29/2009		12/29/2009		05/28/2010		TRUE	TRUE	P_MT42=N/A - AK8 ,MT_83=N/A - AK8 ,MT_83_REPORTED > 50%=N/A - AK8 , Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64550	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/28/2009		12/28/2009		08/25/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64551	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/18/2012		01/18/2012		07/17/2012		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
64553	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/20/2010		05/20/2010		08/23/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64554	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/20/2010		05/20/2010		08/23/2011		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64555	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/28/2012		11/28/2012		08/08/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64556	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/15/2010		10/15/2010		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64557	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/17/2011		02/17/2011		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64558	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/03/2013		08/03/2013		10/02/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
64559	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/14/2011		02/14/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64560	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/14/2011		02/14/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64561	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/14/2011		02/14/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64562	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/15/2011		02/15/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64577	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/14/2010		08/14/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64578	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/14/2010		08/14/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64580	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/02/2010		09/02/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
64581	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/02/2010		09/02/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8 ,MT_83=N/A AK8 ,MT_83_REPORTED > 50%=N/A AK8 , Actual_Default_Ventdate=A HOLD_FLAG=
64582	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/09/2010		12/09/2010		08/23/2011		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64583	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/05/2010		04/05/2010		05/26/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64584	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2013		05/01/2013		09/14/2013		TRUE	TRUE	MT42=N/A AK8 , MT83=N/A AK8, MT83 > 50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
64585	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/13/2010		07/13/2010		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64588	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/10/2010		08/10/2010		10/02/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64589	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/10/2010		08/10/2010		10/02/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64592	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/13/2010		07/13/2010		08/23/2011		TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64595	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/14/2010		07/14/2010		04/19/2012		TRUE	TRUE	AK8 MT Info not required
64597	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/18/2010		09/18/2010		05/21/2011		TRUE	TRUE	P_MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64598	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/30/2012		08/30/2012		10/02/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=D HOLD_FLAG=
64599	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/11/2011		01/11/2011		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
64601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/06/2008		05/06/2008		07/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	03/26/2008		03/26/2008		07/08/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/22/2008		04/22/2008		09/13/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/01/2008		04/01/2008		03/24/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/19/2008	12/03/2008	11/19/2008	12/03/2008	08/31/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/05/2008		05/05/2008		04/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/24/2008		04/24/2008		04/07/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/12/2008		11/12/2008		01/14/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/18/2008		08/18/2008		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/28/2008		05/28/2008		03/24/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/22/2008		04/22/2008		02/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/27/2008		05/27/2008		02/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/13/2008		05/13/2008		02/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64616	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	06/19/2008		06/19/2008		10/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64618	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/06/2008		05/06/2008		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2008	04/30/2008	04/24/2008	04/30/2008	06/02/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2008	04/30/2008	04/24/2008	04/30/2008	04/23/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64821	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2008		04/16/2008		07/16/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64822	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2008		04/16/2008		07/16/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64823	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2008		04/16/2008		07/16/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64824	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2008		04/16/2008		07/16/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/2008		04/23/2008		01/29/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2008		04/22/2008		04/07/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	06/27/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	03/17/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	03/11/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	06/04/2008	06/02/2008	06/04/2008	07/18/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2008	05/28/2008	05/20/2008	05/28/2008	01/29/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008		06/02/2008		07/30/2009			FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	06/04/2008	06/02/2008	06/04/2008	01/29/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	06/04/2008	06/02/2008	06/04/2008	04/28/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	06/04/2008	06/02/2008	06/04/2008	09/09/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2008	05/28/2008	05/20/2008	05/28/2008	03/17/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	06/04/2008	06/02/2008	06/04/2008	06/18/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2008	04/30/2008	04/30/2008	04/30/2008	06/27/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2008	04/30/2008	04/30/2008	04/30/2008	03/11/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2008	04/30/2008	04/30/2008	04/30/2008	01/28/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2008	05/28/2008	05/20/2008	05/28/2008	01/29/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/2008		04/28/2008		09/11/2010			FALSE	FALSE	(require overpacking) Over 50% solids -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64846	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2008		05/01/2008		02/06/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2008		06/19/2008		08/14/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2008		05/01/2008		02/06/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2008		05/07/2008		02/06/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/2008		04/28/2008		02/15/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	06/27/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	06/04/2008	06/02/2008	06/04/2008	04/21/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2008	05/28/2008	05/20/2008	05/28/2008	01/30/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2008	05/28/2008	05/20/2008	05/28/2008	01/29/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64856	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2008	05/28/2008	05/20/2008	05/28/2008	01/30/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	06/04/2008	06/02/2008	06/04/2008	04/28/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2008		05/05/2008		07/07/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2008	05/28/2008	05/20/2008	05/28/2008	01/29/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64860	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	07/23/2008	07/23/2008	07/23/2008	07/30/2009	VE		FALSE	FALSE	VEd at TA55 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2008		05/19/2008		09/13/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2008		05/05/2008		02/07/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64866	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2008		05/01/2008		07/18/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2008		05/01/2008		02/06/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2008		05/01/2008		02/13/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64869	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2008		05/01/2008		07/18/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64870	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008		06/03/2008		08/08/2010			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2008		05/05/2008		03/25/2009			FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2008		05/05/2008		04/02/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2008		05/21/2008		01/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64874	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2008		05/08/2008		07/16/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2008		05/12/2008		02/13/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2008	05/07/2008	05/07/2008	05/07/2008	01/29/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/2008		05/13/2008		04/18/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/2008		05/14/2008		02/07/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/2008		05/14/2008		04/07/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/2008		05/14/2008		09/13/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64884	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/2008		05/14/2008		10/28/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/2008		05/17/2008		02/13/2009		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64886	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2008		05/27/2008		03/25/2009		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	01/30/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	03/17/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	03/11/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2008	06/04/2008	06/03/2008	06/04/2008	03/11/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	08/13/2008	07/23/2008	08/13/2008	06/18/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2008	08/13/2008	08/05/2008	08/13/2008	06/18/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64895	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	10/08/2008	08/20/2008	10/08/2008	10/04/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2008		05/27/2008		02/08/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2008		08/04/2008		04/02/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64899	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2008		09/09/2008		02/28/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2010		09/15/2010		10/30/2011		FALSE	FALSE	Np-237 P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
64826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2008		08/05/2008		04/21/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2008		08/07/2008		06/16/2009		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/08/2008	10/08/2008	10/08/2008	10/08/2008	07/15/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64829	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2008		08/08/2008		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2008		12/10/2008		09/14/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2008		12/10/2008		09/15/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	10/08/2008	08/20/2008	10/08/2008	08/21/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	10/08/2008	08/20/2008	10/08/2008	09/17/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	10/08/2008	08/20/2008	10/08/2008	08/21/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	10/08/2008	08/20/2008	10/08/2008	07/27/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/2008		09/16/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	10/08/2008	08/20/2008	10/08/2008	07/23/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	10/08/2008	08/20/2008	10/08/2008	08/21/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	05/25/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	05/25/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	06/21/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	06/02/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	10/10/2010	VE	FALSE	FALSE	(require overpacking) 0511 10 R2 VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2009	09/16/2009	08/31/2009	09/16/2009	06/02/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64846	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2010		02/01/2010		09/22/2010		FALSE	FALSE	(require overpacking) 0511 10 R3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

64849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		11/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2008		12/01/2008		05/20/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2008		08/13/2008		07/14/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2008		09/10/2008		04/21/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2008		09/11/2008		02/09/2010		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2009		01/09/2009		06/17/2012		FALSE	FALSE	(require overpacking) 0511 10 R0 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64856	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2008		09/09/2008		07/28/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/2008		09/30/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64859	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2008		09/17/2008		10/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64860	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2008		09/17/2008		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
64861	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2008		09/17/2008		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/06/2008		10/06/2008		03/08/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64864	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2008		10/02/2008		05/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2008		10/02/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2008		11/03/2008		03/03/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/2008		10/09/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/2008	10/15/2008	10/09/2008	10/15/2008	08/19/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2008		10/20/2008		05/08/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/15/2008		10/15/2008		02/28/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2008		10/23/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2008		11/19/2008		02/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2008		10/23/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2008	11/05/2008	10/20/2008	11/05/2008	08/19/2009	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2008		10/22/2008		02/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2008		10/22/2008		05/12/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2008		10/22/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2008		11/04/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2008		11/06/2008		03/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64881	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/2009		02/05/2009				FALSE	FALSE	RE-ASSIGNED TO MHD01 FROM MIN02-V ON 060912 (require overpacking) 0511 10 R1 Np-237 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64882	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/2009		02/05/2009				FALSE	FALSE	RE-ASSIGNED TO MHD01 FROM MIN02-V ON 060912 (require overpacking) 0511 10 R1 --- Np-237 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=WMC HOLD
64883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2008	12/03/2008	12/03/2008	12/03/2008	08/31/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2008		11/13/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2008		11/06/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64886	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2008		12/04/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2008		11/06/2008		02/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
64888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/2008		12/02/2008		02/18/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2008	12/03/2008	11/19/2008	12/03/2008	08/31/2009	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/12/2008		11/12/2008		05/02/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/2008	12/03/2008	11/24/2008	12/03/2008	09/17/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/12/2008		11/12/2008		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2008		12/01/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2008	02/25/2009	11/20/2008	02/25/2009	08/18/2009	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64895	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2009		09/17/2009		05/04/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2008		11/20/2008		03/08/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
64897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/25/2008		11/25/2008		03/08/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

84898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2009		01/13/2009		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84899	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2009		03/19/2009		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2008		12/03/2008		02/19/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2008		11/20/2008		02/28/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/25/2008		11/25/2008		04/03/2012		FALSE	FALSE	(require overpacking) 0511 10 R1 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/2009		02/18/2009		10/05/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2008		12/01/2008		04/28/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2008		11/19/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/2008		11/24/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/2008		11/24/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/2008	12/03/2008	11/24/2008	12/03/2008	11/01/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/2008	12/03/2008	11/24/2008	12/03/2008	08/31/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/2008	12/03/2008	11/24/2008	12/03/2008	09/03/2009	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2009		08/23/2009		04/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2009		01/28/2009		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/25/2008		11/25/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2009		04/15/2009		03/08/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2009		05/21/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2008		12/03/2008		04/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2008		11/20/2008		02/19/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2008		12/03/2008		02/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/24/2008		11/24/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2008		12/01/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2008		12/03/2008		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2008		12/04/2008		02/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/2009		02/24/2009		04/29/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2008		12/04/2008		05/25/2010		FALSE	FALSE	P_MT42=MT 42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2008		12/18/2008		02/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84930	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2009		01/13/2009				FALSE	FALSE	(require overpacking) 0511 10 R1 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2009		01/09/2009		03/01/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/2009		02/19/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2009	05/21/2009	05/21/2009	05/21/2009	02/09/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2009		01/28/2009		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2009	03/12/2009	01/28/2009	03/12/2009	02/09/2010	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84936	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/2009		04/28/2009				FALSE	FALSE	(require overpacking) 0511 10 R3 --- P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2009		05/05/2009		04/29/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2009		03/30/2009		02/18/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2009	06/03/2009	03/24/2009	06/03/2009	02/10/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2009	03/12/2009	03/09/2009	03/12/2009	02/17/2010	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2009	03/12/2009	03/09/2009	03/12/2009	02/17/2010	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2009	03/12/2009	03/09/2009	03/12/2009	02/17/2010	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2009	03/12/2009	03/09/2009	03/12/2009	02/09/2010	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2009	06/03/2009	03/24/2009	06/03/2009	02/28/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2009		08/25/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2009		03/25/2009		04/22/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/2009		04/23/2009		09/22/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

84950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2009		03/30/2009		03/08/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2009		05/04/2009		03/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/2009		03/30/2009		02/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/2009		04/23/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		05/02/2010		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2009		06/02/2009		02/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84957	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2009		04/16/2009		04/21/2012		FALSE	FALSE	(require overpacking) 0511 10 R0 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84958	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/2009		05/06/2009		03/07/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84959	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/2009		05/06/2009		04/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/2009		04/28/2009		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2009		06/01/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2009		06/01/2009		03/08/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2009		05/21/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84965	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/2009		05/13/2009		05/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/2009		04/28/2009		03/08/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2009		05/04/2009		02/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/06/2009		05/06/2009		06/24/2010		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2009		06/09/2009		03/11/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2009		06/04/2009		05/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
84971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2009		05/11/2009		03/08/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84972	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2009		05/11/2009		06/02/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		04/21/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2009		06/02/2009		02/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		02/28/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2009		06/11/2009		04/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2009	07/16/2009	08/23/2009	07/16/2009	06/21/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2009	07/16/2009	08/23/2009	07/16/2009	02/19/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009	09/23/2009	08/13/2009	09/23/2009	02/17/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	03/03/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2009	07/16/2009	08/25/2009	07/16/2009	06/09/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2009	07/16/2009	08/23/2009	07/16/2009	02/19/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009	09/16/2009	08/13/2009	09/16/2009	06/02/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009	09/16/2009	08/13/2009	09/16/2009	09/13/2010	VE	FALSE	FALSE	(require overpacking) VEd at TA55 0511 10 R0 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009	09/16/2009	08/13/2009	09/16/2009	05/23/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2009	07/16/2009	08/23/2009	07/16/2009	02/19/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2009	07/16/2009	08/23/2009	07/16/2009	02/25/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2009	07/16/2009	08/23/2009	07/16/2009	03/08/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2009		06/29/2009		01/28/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		05/09/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/16/2009		07/16/2009		01/31/2010		FALSE	FALSE	Np-237 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2009	07/16/2009	07/06/2009	07/16/2009	10/13/2010	VE	FALSE	FALSE	(require overpacking) VEd at TA55 0511 10 R0 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2009		06/08/2009		03/02/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2009	07/16/2009	08/13/2009	07/16/2009	11/22/2010	VE	FALSE	FALSE	VEd at TA55 (require overpacking) 0511 10 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	06/28/2010	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

64996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	03/09/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	03/08/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/01/2009	07/16/2009	07/01/2009	07/16/2009	03/02/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
64999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/02/2009		06/02/2009		11/07/2010		FALSE	FALSE	(require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/28/2009		08/28/2009		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/10/2010	03/10/2010	03/10/2010	03/10/2010	09/07/2010	VE	FALSE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 WGD — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/17/2009		08/17/2009		08/26/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/2009		08/20/2009		05/13/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/2009		08/20/2009		11/01/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/2009		08/20/2009		05/13/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No. Actual_Default_Ventdate=A HOLD_FLAG=
65006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/25/2009		08/25/2009		03/27/2011		FALSE	FALSE	(require overpacking) 0511 10 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65007	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/24/2009		08/24/2009		07/11/2010		FALSE	FALSE	P_MT42=MT 42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/25/2009		08/25/2009		06/10/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/20/2012		06/20/2012		01/14/2014		FALSE	FALSE	MT42=YES , MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= REQUIRE OVERPACKING
65010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/25/2009		08/25/2009		05/12/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/14/2009	02/23/2010	12/14/2009	02/23/2010	09/11/2010	VE	FALSE	FALSE	(require overpack) 0511 10 R2 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/14/2009	02/23/2010	12/14/2009	02/23/2010	09/11/2010	VE	FALSE	FALSE	(require overpack) 0511 10 R2 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	11/17/2010	VE	TRUE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/23/2010	02/23/2010	02/23/2010	02/23/2010	03/15/2013	VE	FALSE	FALSE	WGD VEd at TA-55 REQUIRE OVERPACKING MT42=No, MT 83 REPORTED = Pu-238 > 1%, MT_83 REPORTED > 50% = No, Actual_Default_Closure Date=A, HOLD FLAG=
65015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	11/24/2010	VE	TRUE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/30/2009		11/30/2009		03/27/2011		FALSE	FALSE	(require overpacking) 0511 10 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	09/01/2010	VE	FALSE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/21/2009	02/23/2010	12/21/2009	02/23/2010	09/11/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	09/01/2010	VE	FALSE	FALSE	*(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED* > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/17/2009	02/23/2010	09/17/2009	02/23/2010	08/18/2012	VE	FALSE	FALSE	WGD REQUIRE OVERPACKING - MYERS DRUM VEd TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= WGD MT42=No, MT_83=Yes , MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/16/2009		11/16/2009		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/19/2010	07/19/2010	07/19/2010	07/19/2010	03/29/2012	VE	FALSE	FALSE	REQUIRE OVERPACKING - MYERS DRUM VEd at TA-55 WGD MT42=No, MT_83=Yes , MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/16/2009		11/16/2009		05/17/2011		FALSE	FALSE	(require overpacking) 0511 10 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/07/2009	02/23/2010	12/07/2009	02/23/2010	10/13/2010	VE	FALSE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/17/2009		09/17/2009		03/30/2011		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2009		09/22/2009		03/07/2011		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/16/2009		12/16/2009		11/01/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/16/2009		11/16/2009		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/23/2009		09/23/2009		10/23/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65031	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/03/2011		11/03/2011		05/02/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
65032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/19/2010	07/19/2010	07/19/2010	07/19/2010	04/04/2011	VE	FALSE	FALSE	VEd at TA55 WGD — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
65033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/21/2009		12/21/2009		11/04/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2009	03/09/2010	11/30/2009	03/09/2010	09/11/2010	VE	TRUE	FALSE	VEd at TA55 (require overpacking) 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2009		11/19/2009		09/25/2010		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2009		11/30/2009		09/30/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2009		12/01/2009		10/06/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2009		12/01/2009		10/12/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2011		09/06/2011		03/21/2012		FALSE	FALSE	REQUIRE OVERPACKING - MYERS DRUM MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/2009		11/23/2009		11/01/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2009		11/30/2009		09/14/2011		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/2010		01/06/2010		11/04/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2009		12/17/2009		10/06/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2010		05/04/2010		10/12/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2009		12/17/2009		10/06/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2010		01/25/2010		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2009		12/18/2009		10/10/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2010		02/02/2010		09/14/2011		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2010		01/28/2010		09/29/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2010		04/01/2010		11/07/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65053	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2012		06/21/2012		08/07/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	09/08/2010	VE	FALSE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/2010		03/03/2010		03/08/2011		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	09/07/2010	VE	FALSE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65057	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	11/22/2010	VE	TRUE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2010	03/10/2010	03/01/2010	03/10/2010	08/28/2010	VE	FALSE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2010		02/02/2010		09/11/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2010		02/02/2010		02/27/2011		FALSE	FALSE	(require overpacking) 0511-10-2 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2010		02/01/2010		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2011		11/09/2011		05/25/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
65064	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2010		01/25/2010		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2010		02/02/2010		10/12/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65068	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2011		05/19/2011		11/29/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2010		02/25/2010		03/30/2011		FALSE	FALSE	(require overpacking) 0511 10 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2010		02/23/2010		11/09/2010		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65071	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2010		05/05/2010		03/07/2011		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2012		04/11/2012		03/17/2013		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2010		02/23/2010		09/25/2010		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2010	05/05/2010	03/08/2010	05/05/2010	09/07/2010	VE	TRUE	FALSE	(require overpacking) 0511 10 R1 VEd at TA55 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2010		08/09/2010		04/20/2011		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2010		02/25/2010		10/28/2010		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65077	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2010		09/23/2010		02/17/2011		FALSE	FALSE	(require overpacking) 0511-10-2 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2010		04/01/2010		10/28/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65080	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/2010		04/06/2010		05/13/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

65081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2010	05/05/2010	04/08/2010	05/05/2010	09/08/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65082	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010	05/05/2010	04/16/2010	05/05/2010	09/01/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2010		03/10/2010		05/12/2011		FALSE	FALSE	(require overpacking) 0511 10 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2010		06/22/2010		04/20/2011		FALSE	FALSE	(require overpacking) 0511 10 R3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65087	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2010		03/09/2010		10/24/2011		FALSE	FALSE	MT42=MT42 Mix, MT_83=No ,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65088	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010		04/16/2010		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2011		11/03/2011		11/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2010	05/19/2010	05/27/2010	05/19/2010	09/15/2010	VE	TRUE	FALSE	VEd at TA55 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2010		04/01/2010		11/12/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		10/12/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		11/01/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2011		09/06/2011		04/21/2012		FALSE	FALSE	REQUIRE OVERPACKING - MYERS DRUM MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2010		04/01/2010		10/30/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010	05/05/2010	04/16/2010	05/05/2010	09/18/2011	VE	TRUE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2010	05/20/2010	04/26/2010	05/20/2010	09/28/2010	VE	TRUE	FALSE	VED at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2010		03/31/2010		10/04/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2010		03/31/2010		09/18/2011		FALSE	FALSE	(require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2010		03/31/2010		09/25/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010	05/05/2010	04/16/2010	05/05/2010	09/08/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/2010	05/05/2010	04/06/2010	05/05/2010	09/22/2010	VE	TRUE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010		04/16/2010		09/08/2010		FALSE	FALSE	P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2010		04/07/2010		11/14/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65107	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2010		04/05/2010		04/20/2011		FALSE	FALSE	(require overpacking) 0511 10 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		11/14/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010	05/20/2010	04/16/2010	05/20/2010	02/27/2011	VE	FALSE	FALSE	VEd at TA55 (require overpacking) 0511 10 R3 — P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2010		05/04/2010		10/13/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010	05/20/2010	04/16/2010	05/20/2010	11/24/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2010	05/20/2010	04/16/2010	05/20/2010	09/30/2010	VE	TRUE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010	05/20/2010	04/15/2010	05/20/2010	11/22/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2010	07/21/2010	04/21/2010	07/21/2010	10/12/2010	VE	TRUE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65115	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2010		04/13/2010		06/06/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2010		04/13/2010		03/30/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		09/25/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2010		04/26/2010		04/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2010		04/13/2010		11/20/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		05/11/2011		FALSE	FALSE	(require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		04/19/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2010		04/13/2010		03/30/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2010	05/20/2010	05/04/2010	05/20/2010	11/18/2010	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2010	05/20/2010	05/04/2010	05/20/2010	09/22/2010	VE	TRUE	FALSE	VEd at TA55 — P_MT42=No ,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=A HOLD_FLAG=
65125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/2010	05/20/2010	05/13/2010	05/20/2010	03/14/2011	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2010	05/20/2010	05/10/2010	05/20/2010	02/08/2011	VE	FALSE	FALSE	VEd at TA55 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		09/23/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		11/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		09/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2010		04/15/2010		09/15/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/2010		04/23/2010		10/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2010		04/26/2010		11/12/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2010		04/26/2010		11/04/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=A HOLD_FLAG=
65135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/2010		04/26/2010		09/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65136	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/2010		04/23/2010		10/19/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2010		05/04/2010		10/04/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2010		05/10/2010		10/04/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2010		05/10/2010		10/22/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2010		04/29/2010		10/20/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65141	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/2010		05/04/2010		10/13/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2010		04/29/2010		09/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2010		04/29/2010		09/22/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65144	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010	05/20/2010	05/20/2010	05/20/2010	03/20/2011	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010	05/20/2010	05/20/2010	05/20/2010	03/07/2011	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010	05/20/2010	05/20/2010	05/20/2010	02/08/2011	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010	05/20/2010	05/20/2010	05/20/2010	11/24/2010	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010	05/20/2010	05/20/2010	05/20/2010	11/20/2010	VE	FALSE	FALSE	VEd at TA55 WGD Date --- P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010	05/20/2010	05/20/2010	05/20/2010	11/17/2010	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65150	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2011		07/15/2011		08/09/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65151	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2010		04/29/2010		10/23/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65152	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		10/27/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		10/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		10/13/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		11/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		11/04/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2010		05/10/2010		09/19/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		10/20/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		09/22/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		09/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		09/22/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		11/04/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		11/08/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		09/23/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		09/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		10/29/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		11/04/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2010		05/11/2010		09/23/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2010		05/07/2010		10/19/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2010		05/10/2010		08/26/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2010		05/10/2010		10/29/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2010		05/07/2010		09/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2010		05/07/2010		05/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2010		05/07/2010		09/19/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2010		05/19/2010		11/04/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2010		06/08/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2010		07/14/2010		11/01/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2010		08/09/2010		05/02/2011		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2010		05/19/2010		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2010		08/09/2010		11/17/2010		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2010		05/19/2010		10/13/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/2010	07/19/2010	05/13/2010	07/19/2010	11/17/2010	VE	TRUE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2010		06/16/2010		11/23/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/2010		05/13/2010		05/10/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2010		06/14/2010		03/21/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2010		06/08/2010		11/20/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2010		07/01/2010		02/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2010		06/09/2010		10/18/2010		FALSE	FALSE	(require overpacking) 0511 10 R1 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65190	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2010		05/25/2010		10/23/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65191	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2010		05/25/2010		06/09/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65192	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2010		05/25/2010		10/27/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65193	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/2010		05/26/2010		04/03/2011		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65194	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		04/03/2011		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65195	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		10/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=A HOLD_FLAG=
65197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2010		09/13/2010		07/07/2011		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG
65198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/20/2007		12/20/2007		07/02/2013		FALSE	FALSE	Np-237 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65207	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2010		08/18/2010				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50% of MTs=No, Actual_Default_Ventdate=A HOLD_FLAG=
65226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		09/14/2011		FALSE	FALSE	(require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		11/03/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/20/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		09/22/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		11/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/19/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		11/12/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/29/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/13/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		09/25/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/13/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/07/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		09/18/2010		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2010		07/22/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		04/11/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2010		07/15/2010		02/08/2011		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=A HOLD_FLAG=

65245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2010		06/14/2010		02/17/2011		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		05/21/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/2010		05/26/2010		03/03/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2010	05/19/2010	05/19/2010	05/19/2010	11/22/2010	VE	TRUE	FALSE	VEd at TA55 WGD Date — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2010		05/27/2010		10/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2010		06/08/2010		04/21/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2010		05/27/2010		04/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/13/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/2010		05/20/2010		10/18/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2010		06/15/2010		10/12/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65255	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65256	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		10/27/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/14/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/07/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/14/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		03/03/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		10/28/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No ,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		09/28/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2010	07/07/2010	07/07/2010	07/07/2010	02/08/2011	VE	TRUE	FALSE	VEd at TA55 WGD — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2010	07/07/2010	07/07/2010	07/07/2010	03/10/2011	VE	FALSE	FALSE	VEd at TA55 WGD Date — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
65265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2010	07/07/2010	07/07/2010	07/07/2010	05/30/2012	VE	FALSE	FALSE	VEd at TA-55 WGD MT42=No, MT_83=Yes > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2010	07/07/2010	07/07/2010	07/07/2010	11/24/2010	VE	FALSE	FALSE	VEd at TA55 WGD Date — P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2010		09/13/2010		07/18/2011		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A, HOLD FLAG=
65268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2010		07/12/2010		04/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		11/03/2010		FALSE	FALSE	(require overpacking) — P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=A HOLD_FLAG=
65271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		03/27/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2010		06/15/2010		04/09/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2010		06/10/2010		03/08/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		11/07/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		08/09/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		03/08/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		11/04/2010		FALSE	FALSE	(require overpacking) — P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=A HOLD_FLAG=
65278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		11/20/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/2010		06/17/2010		03/21/2011		FALSE	FALSE	P_MT42=No ,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=A HOLD_FLAG=
65280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2010		06/14/2010		05/02/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		05/18/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2010		06/28/2010		04/14/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2010		07/22/2010		05/05/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		04/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		05/18/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		10/18/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65287	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		11/04/2010		FALSE	FALSE	(require overpacking) — P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=A HOLD_FLAG=
65288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2010		06/28/2010		05/11/2011		FALSE	FALSE	(require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2010		06/15/2010		02/17/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2010		06/28/2010		07/12/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		03/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2011		06/16/2011		03/18/2012		FALSE	FALSE	102311 Added per JimS 101411 ACM MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2010		06/28/2010		03/06/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2010		06/28/2010		05/12/2011		FALSE	FALSE	(require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		04/28/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2010	09/01/2010	09/01/2010	09/01/2010	01/04/2012	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2010		06/28/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2011		05/19/2011		11/08/2011		FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		03/08/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2010		06/15/2010		05/11/2011		FALSE	FALSE	(require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		03/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2010		06/15/2010		04/13/2011		FALSE	FALSE	(require overpacking) Pu-240 > 15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/24/2010		06/24/2010		04/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2010		06/14/2010		04/14/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		03/08/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2010		08/10/2010		10/08/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2010		06/11/2010		03/30/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2010		06/16/2010		03/08/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2010		11/09/2010		10/18/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/2010		06/17/2010		05/05/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/2010		06/16/2010		04/04/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2010		09/13/2010		06/28/2011		FALSE		MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A, HOLD FLAG=
65313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2010		06/15/2010		04/14/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/12/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/04/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		10/29/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		10/29/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/20/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/09/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2010		06/29/2010		11/20/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2010		07/12/2010		08/14/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2010		07/12/2010		03/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2010		07/12/2010		04/14/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/19/2010		02/08/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/19/2010		02/17/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/19/2010		03/07/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2010		07/20/2010		02/08/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2010		07/18/2010		02/08/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		09/29/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2010		07/22/2010		04/21/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2010		07/28/2010		03/20/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/18/2010		04/14/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/19/2010		05/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/19/2010		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/19/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2010		07/19/2010		04/28/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2010		07/22/2010		05/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2010		07/22/2010		03/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=Pu-242 > 1%,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2010		07/28/2010		10/01/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		02/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		05/02/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		05/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/2010		07/29/2010		10/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/2010		07/29/2010		10/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		09/28/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/2010		07/29/2010		04/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/2010		07/29/2010		05/05/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		03/08/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		03/05/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		03/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2010		07/27/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2010	09/01/2010	09/01/2010	09/01/2010	07/12/2011	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		08/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		10/01/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		11/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		10/06/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		10/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		11/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		09/29/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		10/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2010		08/12/2010		05/05/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2010		07/28/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		10/06/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		10/06/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		10/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2010		09/08/2010		04/14/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		11/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2010		08/04/2010		07/06/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2012		06/25/2012		04/20/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		02/08/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2010		09/01/2010		05/18/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2010		08/11/2010		09/29/2011		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2010		08/12/2010		04/04/2011		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/28/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2010		09/07/2010		02/08/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2010	08/11/2010	08/11/2010	08/11/2010	03/21/2011	VE	FALSE	FALSE	VEd at TA55 WGD --- P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

65386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/26/2010		08/26/2010		05/11/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/11/2010		08/11/2010		04/14/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2010		08/10/2010		06/21/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/08/2010		09/08/2010		04/14/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2010		08/10/2010		04/28/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/07/2010		09/07/2010		11/20/2011		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2010		08/10/2010		03/07/2012		FALSE	FALSE	(require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/02/2010		09/02/2010		03/21/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/31/2010		08/31/2010		02/17/2011		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/25/2010		08/25/2010		03/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/10/2010		09/10/2010		03/08/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/16/2010		08/16/2010		07/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/10/2010		08/10/2010		04/11/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65399	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/23/2010		09/23/2010		04/03/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65404	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/26/2010		10/26/2010		08/11/2011		TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65405	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/26/2010		10/26/2010		08/23/2011		TRUE	FALSE	MT42=NA-AK8, MT83=NA-AK8, MT83 > 50%=NA-AK8, Actual_Default=A
65406	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/27/2010		10/27/2010		08/23/2011		TRUE	FALSE	MT42=NA-AK8, MT83=NA-AK8, MT83 > 50%=NA-AK8, Actual_Default=A
65407	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/27/2010		10/27/2010		08/23/2011		TRUE	FALSE	MT42=NA-AK8, MT83=NA-AK8, MT83 > 50%=NA-AK8, Actual_Default=A
65408	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/28/2010		10/28/2010		08/23/2011		TRUE		MT42=NA-AK8, MT83=NA-AK8, MT83 > 50%=NA-AK8, Actual_Default=A
65409	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/08/2010		12/08/2010		08/23/2011		TRUE	FALSE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65410	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/08/2010		12/08/2010		04/19/2012		TRUE	FALSE	MT42=NA-AK8, MT83=NA-AK8, MT83 > 50%=NA-AK8, Actual_Default=A
65411	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/08/2010		12/08/2010		07/17/2012		TRUE		MT42=NA-AK8, MT83=NA-AK8, MT83 > 50%=NA-AK8, Actual_Default=A
65412	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/07/2012		06/07/2012				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65413	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/17/2011		02/17/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65415	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/09/2011		08/09/2011		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65417	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	10/11/2011		10/11/2011				TRUE	TRUE	MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65442	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/23/2011		02/23/2011		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65443	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/29/2011		08/29/2011		07/17/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A, HOLD_FLAG=
65444	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/11/2012		07/11/2012		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65445	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/28/2011		03/28/2011		04/01/2012		TRUE	TRUE	MT INFO NA for AK8
65446	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/28/2011		03/28/2011		04/01/2012		TRUE	TRUE	MT Info NA to AK8
65447	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/28/2011		03/28/2011		04/01/2012		TRUE	TRUE	MT Info NA to AK8
65448	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/29/2011		03/29/2011		04/01/2012		TRUE	TRUE	MT Info NA to AK8
65449	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2011		03/31/2011				TRUE	TRUE	MT Info NA to AK8
65450	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2011		03/31/2011				TRUE	TRUE	MT Info NA to AK8
65451	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2011		03/31/2011		04/01/2012		TRUE	TRUE	MT Info NA to AK8
65452	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/31/2011		03/31/2011		04/01/2012		TRUE	TRUE	MT Info NA to AK8
65453	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/01/2011		04/01/2011				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65454	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2011		04/04/2011		04/01/2012		TRUE	TRUE	MT Info NA to AK8
65455	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/04/2011		04/04/2011		04/01/2012		TRUE	TRUE	MT INFO NA for AK8
65456	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/05/2011		04/05/2011		04/01/2012		TRUE	TRUE	MT INFO NA for AK8
65457	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/06/2011		04/06/2011		04/01/2012		TRUE	TRUE	MT INFO NA for AK8
65458	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/06/2011		04/06/2011		04/01/2012		TRUE	TRUE	MT INFO NA for AK8
65459	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/06/2011		04/06/2011		04/01/2012		TRUE	TRUE	MT INFO NA for AK8
65460	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/03/2011		05/03/2011		04/19/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65461	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/31/2012		07/31/2012		12/02/2012		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65462	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/31/2012				12/02/2012		TRUE	TRUE	101112 Added OSRP Containers per ChrisC 101112 email MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65463	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/25/2014		02/25/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
65466	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/23/2011		08/23/2011		07/15/2012		TRUE	TRUE	MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65467	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2011		08/24/2011		07/17/2012		TRUE	TRUE	MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65468	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/24/2011		08/24/2011		07/17/2012		TRUE	TRUE	MT42=N/A AK8,MT_83=N/A AK8,MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65469	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/27/2011		09/27/2011				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=

65470	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/12/2012		09/12/2012				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65471	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/28/2013		02/28/2013		09/14/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65473	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/30/2011		08/30/2011		07/17/2013		TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65475	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/17/2012		07/17/2012		11/08/2012		TRUE	TRUE	100312 Added OSRP container per ChrisC 100312 email MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65478	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/07/2012		02/07/2012		11/08/2012		TRUE	TRUE	MT42=N/A - AK8,vMT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65479	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/26/2013		02/26/2013		09/14/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
65480	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/31/2014		07/31/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
65481	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/20/2013		03/20/2013		09/14/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83 Reported > 50%=N/A AK8, Actual_Default=A HOLD FLAG=
65482	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/20/2013		03/20/2013		05/26/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83 REPORTED OVER 50%=N/A AK8, Actual_Default=A, HOLD FLAG=
65483	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/20/2013		03/20/2013		08/11/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83 Reported > 50%=N/A AK8, Actual_Default=A HOLD FLAG=
65484	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/21/2013		03/21/2013		09/14/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83 Reported > 50%=N/A AK8, Actual_Default=A HOLD FLAG=
65485	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/21/2013		03/21/2013		08/11/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83 Reported > 50%=N/A AK8, Actual_Default=A HOLD FLAG=
65486	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/01/2013		05/01/2013		11/03/2013		TRUE	TRUE	MT42=N/A AK8 , MT83=N/A AK8, MT83 > 50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
65487	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2013		04/30/2013		10/02/2013		TRUE	TRUE	MT42=N/A AK8 , MT83=N/A AK8, MT83 > 50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
65488	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/30/2013		04/30/2013		10/02/2013		TRUE	TRUE	MT42=N/A AK8 , MT83=N/A AK8, MT83 > 50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
65489	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2013		06/03/2013				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= HOLD_FLAG=
65490	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/06/2013		06/06/2013				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
65491	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/26/2013		09/26/2013				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
65492	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/01/2013		08/01/2013				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
65493	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/01/2013		08/01/2013				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
65600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/22/2010		09/22/2010		05/05/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/22/2010		09/22/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/22/2010		09/22/2010		04/21/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/22/2010		09/22/2010		05/12/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/22/2010		09/22/2010		03/01/2012		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/22/2010		09/22/2010		10/13/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/30/2010		09/30/2010		12/11/2011		FALSE		MT42=No, MT_83=Pu238 > 1%m, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/23/2011		02/23/2011		08/26/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	01/19/2012		01/19/2012		01/09/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
65609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/04/2010		10/04/2010		08/02/2011		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=A HOLD_FLAG=
65610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/04/2010		10/04/2010		10/09/2011		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/04/2010		10/04/2010		10/23/2011		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/04/2010		10/04/2010		05/02/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/30/2010		09/30/2010		08/31/2011		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/23/2010		09/23/2010		10/04/2011		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/23/2010		09/23/2010		10/05/2011		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/23/2010		09/23/2010		04/09/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/23/2010		09/23/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/23/2010		09/23/2010		05/04/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/05/2010		10/05/2010		04/09/2011		FALSE	FALSE	Pu-240>15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/27/2010		10/27/2010		05/16/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/02/2010		11/02/2010		10/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/18/2010		10/18/2010		07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/05/2010		10/05/2010		03/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2010		10/05/2010		03/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2010		10/05/2010		04/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2010		10/05/2010		05/04/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2010		10/05/2010		05/05/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65631	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/2011		03/15/2011		08/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2010		10/27/2010		05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2010		10/27/2010		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2010		10/27/2010		07/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2010		11/30/2010		07/12/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65636	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2010		10/27/2010		09/22/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65637	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2011		10/31/2011				FALSE	FALSE	MT42=Not Available, MT_83=Not Available, MT_83_REPORTED > 50%=Not Available, Actual_Default_Ventdate=A HOLD_FLAG=
65638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/2010		10/07/2010		05/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/2010		10/14/2010		03/07/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2010		10/27/2010		07/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/2010	02/01/2011	11/10/2010	02/01/2011	11/01/2011	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/21/2010	02/01/2011	10/21/2010	02/01/2011	05/18/2011	VE	FALSE	FALSE	VEd at TA55 --- P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/2010		11/10/2010		08/02/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2010		10/20/2010		08/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2010		10/20/2010		07/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/2010		10/28/2010		05/05/2011		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2010		11/01/2010		10/05/2011		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2010		12/08/2010		07/31/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2010		11/09/2010		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		08/02/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		08/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2010		11/09/2010		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2010		11/09/2010		07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65657	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		05/17/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65658	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		08/23/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65659	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		08/07/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65661	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65662	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		09/09/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		07/11/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		07/11/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2010		11/05/2010		07/16/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2010		11/09/2010		07/28/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A
65673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		03/10/2012		FALSE	FALSE	REQUIRE OVERPACKING --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2011		01/27/2011		09/21/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/2011		03/22/2011		09/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65677	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		08/09/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

65678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2010		11/17/2010		11/20/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		07/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		08/13/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010		11/15/2010		07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2010		11/17/2010		08/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/2010		11/18/2010		06/30/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/2010		11/18/2010		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/2010		11/18/2010		08/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2010		11/30/2010		07/18/2011		FALSE		MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D
65690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/2010		11/22/2010		08/10/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/2010		11/22/2010		11/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2010		12/08/2010		07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65693	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2010		11/30/2010		08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2010		11/30/2010		07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/2010		12/13/2010		08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/2010		12/13/2010		11/20/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2010		12/07/2010		06/15/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2010		11/30/2010		07/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/2010		12/13/2010		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2010		09/13/2010		05/02/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/2010		08/19/2010		04/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/2010		09/16/2010		03/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/2010		09/02/2010		02/06/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		03/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/2010		09/02/2010		04/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		02/17/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		05/02/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		04/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		10/04/2011		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/28/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		05/18/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2010		09/01/2010		10/09/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2010		09/01/2010		04/28/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2010		09/01/2010		05/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65719	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2010		09/22/2010		10/30/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		05/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65721	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65723	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		05/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2010		08/25/2010		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		05/11/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		05/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65730	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		05/16/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2010		08/26/2010		05/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2010		09/15/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2010		09/15/2010		03/08/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2010		09/15/2010		03/10/2011		FALSE	FALSE	(require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2010		10/27/2010		06/01/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=PM HOLD - DO NOT SHIP
65738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		04/14/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65740	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2010		09/01/2010		07/16/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		05/11/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		04/21/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2010		08/31/2010		04/09/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		04/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2010		10/27/2010		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2010		09/27/2010		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2010		09/13/2010		08/10/2011		FALSE	FALSE	MT42=No, MT_83= Pu-238> 1%, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
65749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2010		09/13/2010		02/24/2012		FALSE	FALSE	MT42=No, MT_83= Pu-238> 1%, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
65750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2010		09/13/2010		09/22/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65751	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2010		09/07/2010		03/03/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2010		09/07/2010		07/26/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN04-S.001 ON 042413
65753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2010		09/13/2010		02/24/2012		FALSE		MT42=No, MT_83=Pu238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2010		09/07/2010		03/05/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2010		09/07/2010		03/08/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2010		09/07/2010		04/20/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65757	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2010		09/07/2010		03/08/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		05/16/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		03/21/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/2010		09/16/2010		04/12/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/2010		09/16/2010		04/13/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		06/17/2012		FALSE	FALSE	REQUIRE OVERPACKING --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65763	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		05/02/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65766	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/2010		10/19/2010		05/05/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		07/31/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2010		09/14/2010		09/01/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/14/2010		09/14/2010		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		05/02/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		06/01/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/06/2010		10/06/2010		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		11/13/2011		FALSE	FALSE	MT_42=No, MT_83=> 1%, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
65775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		11/19/2011		FALSE	FALSE	MT_42=No, MT_83=> 1%, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
65776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		10/30/2011		FALSE	FALSE	MT_42=No, MT_83=>1%, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
65777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/06/2010		10/06/2010		09/01/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		04/12/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		04/10/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		03/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		04/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/29/2010		09/29/2010		05/17/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		04/09/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		04/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		09/01/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/16/2010		09/16/2010		04/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/06/2010		10/06/2010		07/12/2011		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/03/2010		11/03/2010		07/11/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/04/2010		11/04/2010		09/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2010		09/22/2010		11/18/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2010		09/22/2010		04/09/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2010		09/22/2010		04/21/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2010		09/22/2010		04/11/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65795	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2010		09/22/2010		07/13/2013		FALSE	FALSE	MT42=Pu-242 > 1%, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65796	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2010		09/22/2010		10/19/2011		FALSE	FALSE	MT42 Mix, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65797	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/05/2010		10/05/2010		11/06/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65798	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/22/2010		09/22/2010		05/05/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65799	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/23/2010		09/23/2010		04/03/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/23/2010		11/23/2010		07/10/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/13/2010	03/09/2011	12/13/2010	03/09/2011	04/25/2012	VE	TRUE	FALSE	VEd at TAS6 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/13/2010	02/01/2011	12/13/2010	02/01/2011	05/04/2011	VE	TRUE	FALSE	VEd at TAS6 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/12/2011	02/01/2011	01/12/2011	02/01/2011	05/05/2011	VE	TRUE	FALSE	VEd at TAS6 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/20/2011		01/20/2011		08/17/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/25/2011		01/25/2011		01/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/02/2010	02/01/2011	12/02/2010	02/01/2011	09/14/2011	VE	FALSE	FALSE	VEd at TAS5 MT42=No, MT_83=Pu-238>1%, MT_83_ REPORTED > 50%=No, Actual_Default Vent Date=A HOLD FLAG=
65907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/12/2011	02/01/2011	01/12/2011	02/01/2011	09/19/2011	VE	FALSE	FALSE	VEd at TAS5 MT42=No, MT_83=Pu-238>1%, MT_83_ REPORTED > 50%=No, Actual_Default Vent Date=A HOLD FLAG=
65908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/02/2010		12/02/2010		08/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/13/2011	02/01/2011	01/13/2011	02/02/2011	05/05/2011	VE	TRUE	FALSE	VEd at TAS6 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/13/2010		12/13/2010		06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/13/2010		12/13/2010		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/13/2010		12/13/2010		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/15/2010		12/15/2010		07/16/2011		FALSE		MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A
65914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/21/2010		12/21/2010		08/24/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/18/2011		01/18/2011		06/30/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/15/2010		12/15/2010		07/07/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2010		12/15/2010		09/28/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		09/28/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2011		01/19/2011		08/04/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2011		01/18/2011		09/26/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2011		01/20/2011		07/08/2012		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2011		01/20/2011		10/18/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65926	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		10/24/2011		FALSE	FALSE	P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65927	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		10/24/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65928	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		10/24/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65929	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		10/24/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2011		01/19/2011		08/10/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65931	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		08/23/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/2011		03/23/2011		09/19/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
65934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		09/01/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=Yes, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default_Ventdate=A, HOLD FLAG=
65938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		11/01/2011		FALSE	FALSE	P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		07/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		07/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		07/31/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		09/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		09/26/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		08/02/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65948	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2011		01/11/2011		06/09/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2011		01/26/2011		09/26/2011		FALSE	FALSE	MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2011		01/26/2011		09/18/2011		FALSE		MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A
65952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2011	04/13/2011	01/20/2011	04/13/2011	09/18/2011	VE	FALSE	FALSE	VEd at TASS MT42=No, MT_83=Pu-238>1%, MT_83_ REPORTED > 50%=No, Actual_Default Vent Date=A HOLD FLAG=
65953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		08/08/2011		FALSE	FALSE	Require Overpacking P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		05/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		05/10/2011		FALSE	FALSE	Require Overpacking P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011		01/12/2011		01/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65957	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/2011		02/23/2011		09/29/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2011		03/10/2011		10/06/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65959	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2011		01/26/2011		08/16/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2011		01/25/2011		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2011		01/28/2011		08/01/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		05/08/2011		FALSE	FALSE	Require Overpacking P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		05/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65965	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		05/26/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		05/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

65967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		05/11/2011		FALSE	FALSE	Require Overpacking P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		05/10/2011		FALSE	FALSE	Require Overpacking P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2011		01/24/2011		05/12/2011		FALSE	FALSE	Require Overpacking P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2011		01/25/2011		05/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2011		01/25/2011		05/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2011		01/25/2011		05/10/2011		FALSE	FALSE	REQUIRE OVERPACKING - P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2011		01/25/2011		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2011		01/26/2011		05/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2011		01/26/2011		08/17/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/2011		01/25/2011		08/13/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		11/18/2011		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
65979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2011		02/02/2011		10/01/2011		FALSE	FALSE	P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/2011		02/15/2011		08/20/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
65981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2011		03/10/2011		10/27/2011		FALSE	FALSE	MT42=No, MT_83=0, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
65982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011		02/22/2011		09/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011	04/13/2011	02/22/2011	04/13/2011	11/23/2011	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/2011		02/16/2011		06/14/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A
65985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/2011		02/24/2011		06/28/2011		FALSE		MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A
65986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/2011	04/13/2011	02/15/2011	04/13/2011	09/14/2011	VE	FALSE	FALSE	VEd at TA55 MT42=No, MT83=Pu238>1%, MT83 Reported > 50%=No, Actual_Default Vent Date=A, HOLD FLAG=
65987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/2011		02/09/2011		10/04/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/2011		02/24/2011		06/16/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65990	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		06/09/2011		FALSE	FALSE	MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/2011		03/23/2011		09/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
65993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011		02/22/2011		06/17/2012		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011		02/22/2011		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011		02/22/2011		06/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011		02/22/2011		07/10/2011		FALSE	FALSE	P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011		02/22/2011		07/10/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2011		02/22/2011		06/21/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
65999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		06/14/2011		FALSE		MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2011		03/18/2011		10/30/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2011		03/01/2011		07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2011		02/28/2011		07/11/2011		FALSE	FALSE	MT42=YES,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A
66003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2011		03/01/2011		09/08/2011		FALSE	FALSE	MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66005	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2011		02/25/2011		08/23/2011		FALSE	FALSE	MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2011		02/25/2011		06/15/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2011		02/25/2011		06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2011		02/25/2011		06/16/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2011		02/25/2011		06/18/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2011		03/14/2011		08/02/2011		FALSE	FALSE	MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2011		03/07/2011		06/10/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		08/24/2011		FALSE	FALSE	MT42=No,MT_83=YES, MT_83_REPORTED > 50%=YES, Actual_Default Ventdate=A
66016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		09/19/2011		FALSE	FALSE	MT42=No, MT_83= Yes, MT_83 REPORTED > 50% = Yes, Actual_Default _Ventdate=A, HOLD FLAG=
66017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		06/28/2011		FALSE		MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66018	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011				FALSE	FALSE	MT42=Not Available, MT_83=Not Available, MT_83_REPORTED > 50%=Not Available, Actual_Default_Ventdate=A, HOLD FLAG=
66019	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011				FALSE	FALSE	MT42=Not Available, MT_83=Not Available, MT_83_REPORTED > 50%=Not Available, Actual_Default_Ventdate=A, HOLD FLAG=

66020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		07/16/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		09/26/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		06/21/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		07/13/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		07/11/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		07/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66028	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/2011		03/02/2011		08/09/2011		FALSE	FALSE	MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2011		03/28/2011		09/14/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2011		04/07/2011		10/18/2011		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2011		04/07/2011		10/18/2011		FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		07/28/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=NO, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		10/18/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		07/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		07/16/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66038	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2011		03/09/2011		08/09/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		07/13/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2011		03/09/2011		11/18/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		07/18/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2011		03/09/2011		08/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2011		03/09/2011		08/28/2011		FALSE	FALSE	*REQUIRE OVERPACKING MT42=No,MT_83=No,MT_83_REPORTED > 50%=No,* Actual_Default_Ventdate=A HOLD_FLAG=RPKGD
66044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2011		03/09/2011		08/30/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2011		04/07/2011		08/04/2012		FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66046	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2011		03/08/2011		08/23/2011		FALSE	FALSE	MT42=No,MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default Ventdate=A HOLD FLAG=
66047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2011		03/10/2011		09/26/2011		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2011		03/24/2011		09/28/2011		FALSE	FALSE	MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66049	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2011		04/18/2011		10/24/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66050	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2011		04/15/2011		10/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2011		03/18/2011		02/22/2012		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2011		03/18/2011		09/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66053	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2011		03/18/2011		09/18/2011		FALSE	FALSE	REQUIRE OVERPACKNIG P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/2011		03/23/2011		09/22/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		11/08/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2011		04/05/2011		09/22/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66057	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/2011		03/23/2011		09/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66058	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/2011		03/15/2011		08/23/2011		FALSE	FALSE	MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66059	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/2011		03/15/2011		08/23/2011		FALSE	FALSE	MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		09/14/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66061	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		07/14/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		09/26/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=

66084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=SPM HOLD -
66067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		06/28/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2011		03/17/2011		08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD FLAG=
66073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2011		03/21/2011		09/29/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/31/2011		03/31/2011		07/28/2011		FALSE	FALSE	MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2011		03/29/2011		08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66077	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2011		03/29/2011		10/09/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2011		03/29/2011		08/24/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=
66079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2011		03/29/2011		10/13/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2011		03/29/2011		09/12/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83= No, MT_83 REPORTED > 50% = No, Actual_Default _Ventdate=A, HOLD FLAG=SPM HOLD -
66081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2011		04/05/2011		09/29/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2011		05/12/2011		11/06/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2011		04/13/2011		03/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/2011		04/06/2011		09/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2011		04/11/2011		09/22/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2011		04/12/2011		11/20/2011		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66089	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2011		04/05/2011		10/24/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2011		04/18/2011		09/19/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2011		04/15/2011		09/14/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2011		04/15/2011		11/18/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66093	POC,				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2011		04/05/2011		10/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66094	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2011		04/08/2011		01/20/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66095	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2011		04/08/2011		09/21/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66096	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2011		05/09/2011		10/26/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66097	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2011		05/03/2011		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66098	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2011		04/15/2011		10/30/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66099	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2011		04/15/2011		09/20/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66104	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2010		12/15/2010		04/09/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66111	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66112	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66114	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66115	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66116	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66117	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	Np-237 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66119	SWB				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66122	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66123	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66124	SWB					LA-MSG04 001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66125	SWB					LA-MSG04 001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66126	SWB					LA-MSG04 001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66127	SWB					LA-MSG04 001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=

66128	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66129	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66130	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66131	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66132	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66134	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66135	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66136	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66140	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011	04/27/2014	04/14/2011	04/27/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66141	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66142	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66144	SWB					LA-MSG04.001	CCP-AK-LANL-010	S4200	04/14/2011		04/14/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66147	SWB				APPROVED_CERT	LA-MSG04.001	CCP-AK-LANL-010	S4200	09/13/2011		09/13/2011				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=A HOLD_FLAG=
66151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2011		10/04/2011		09/21/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2011		10/04/2011		06/19/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2011		10/04/2011		04/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/06/2011		10/06/2011		06/19/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66155	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/2014		09/02/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SUSPECTED S3000 - DO NOT SHIP
66156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2011		10/04/2011		11/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/2011		10/12/2011		05/08/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/2011		10/12/2011		04/06/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/2011		10/12/2011		07/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2011		11/08/2011		05/08/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/2011		10/12/2011		04/14/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2011		10/13/2011		05/25/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66163	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/2011		10/19/2011		04/29/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66164	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/2011		10/19/2011		04/29/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66165	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/2011		10/19/2011		04/29/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2011		10/11/2011		04/10/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2011		10/18/2011		06/23/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2011		10/13/2011		04/19/2012		FALSE	FALSE	MT42=NO, MT_83=YES, MT_83_REPORTED > 50%=YES, Actual_Default_Ventdate=A HOLD_FLAG=
66170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2011		10/13/2011		04/21/2012		FALSE	FALSE	MT42=NO, MT_83=YES, MT_83_REPORTED > 50%=YES, Actual_Default_Ventdate=A HOLD_FLAG=
66171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/2011	10/12/2011	10/12/2011	10/12/2011	06/26/2012	VE	FALSE	FALSE	WGD VEd at TA-55 MT42=NO, MT83 REPORTED = YES, MT 83 REPORTED > 50% = YES, Actual_Default Ventdate=A
66172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2011		10/20/2011		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66174	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/2014		10/07/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP SUSPECTED S3000
66175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2011		10/18/2011		04/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66176	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2011		10/18/2011		07/09/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2011		11/09/2011		05/24/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2012		01/26/2012		04/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2011		11/30/2011		05/25/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2011		11/08/2011		06/02/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2011		10/26/2011		06/22/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2011		10/26/2011		04/14/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=

66185	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/24/2011		10/24/2011		04/29/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/07/2011		12/07/2011		11/03/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/23/2012		01/23/2012		07/25/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG
66188	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/25/2011		10/25/2011		05/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66189	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/24/2012		01/24/2012		08/16/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/31/2012		01/31/2012		08/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/07/2011		11/07/2011		08/23/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/15/2011		11/15/2011		05/24/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/22/2011		11/22/2011		08/08/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/03/2011		11/03/2011		05/08/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/03/2011		11/03/2011		08/19/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/03/2011		11/03/2011		08/24/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/31/2012		01/31/2012		07/31/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/31/2012		01/31/2012		07/07/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/31/2012		01/31/2012		08/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/13/2011		04/13/2011		09/16/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66201	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/14/2011		04/14/2011		09/18/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/05/2011		04/05/2011		09/14/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/05/2011		04/05/2011		10/01/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/05/2011		04/05/2011		10/05/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/05/2011		04/05/2011		09/22/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/05/2011		04/05/2011		02/26/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/04/2011		04/04/2011		11/02/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/05/2011		04/05/2011		09/19/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/05/2011		04/05/2011		10/16/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/30/2012		07/30/2012		03/14/2013		FALSE	FALSE	MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/12/2011		04/12/2011		11/23/2011		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/12/2011		04/12/2011		02/24/2012		FALSE	FALSE	REQUIRE OVERPACKING MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/2011		04/08/2011		10/01/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/2011		04/08/2011		09/14/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/2011		04/08/2011		09/21/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/2011		04/08/2011		09/14/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/2011		04/08/2011		09/19/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/2011		04/08/2011		09/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/08/2011		04/08/2011		09/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/11/2011		04/11/2011		09/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/12/2011		05/12/2011		11/01/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/12/2011		04/12/2011		09/14/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66223	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/13/2011	04/13/2011	04/13/2011	04/13/2011	10/30/2011	VE	TRUE	FALSE	VEd at TA-55 WGD MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/10/2011		05/10/2011		09/29/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/12/2011		04/12/2011		10/09/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/13/2011	04/13/2011	04/13/2011	04/13/2011	11/01/2011	VE	TRUE	FALSE	VEd at TA-55 WGD MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/12/2011		04/12/2011		09/22/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/12/2011		04/12/2011		09/22/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2011		04/12/2011		05/22/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2011		04/18/2011		09/14/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66231	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		06/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66232	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		01/11/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		10/04/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		10/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		11/29/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		10/04/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		10/09/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		11/07/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/2011		06/09/2011		11/01/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		11/19/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		12/13/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		10/06/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		11/09/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2011		05/19/2011		10/06/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2011		05/23/2011		10/04/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		03/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		10/04/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		11/23/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66249	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2011		05/25/2011				FALSE	FALSE	MT42=Pu-242>1%, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP, SUSPECTED S3000
66250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2011		05/23/2011		01/07/2012		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2011		05/23/2011		11/02/2011		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		11/09/2011		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		10/30/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		10/23/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		12/13/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66256	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		10/26/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2011	06/15/2011	06/15/2011	06/15/2011	12/21/2011	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011	07/20/2011	07/20/2011	07/20/2011	03/18/2012	VE	TRUE	FALSE	VEd at TA-55 MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		02/26/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		11/23/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		07/25/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66263	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		01/18/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		11/16/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2011		06/22/2011		04/19/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		11/13/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		11/09/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		11/23/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		11/13/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		01/07/2012		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		11/09/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		11/13/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		10/30/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2011		06/23/2011		10/30/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		01/07/2012		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		11/03/2011		FALSE	FALSE	P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2011		07/19/2011		11/19/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2011	06/22/2011	06/22/2011	06/22/2011	12/03/2011	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2011		06/22/2011		11/18/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66280	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/2011		07/11/2011		11/07/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		09/10/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		12/04/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		11/09/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		01/18/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		11/29/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/2011		07/13/2011		12/03/2011		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66287	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/2011		07/14/2011		01/11/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011		07/20/2011		03/21/2012		FALSE	FALSE	MT42=No, MT_83= Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011		07/20/2011		05/25/2012		FALSE	FALSE	MT42=NO, MT_83=YES, MT_83_REPORTED > 50%=YES, Actual_Default_Ventdate=A HOLD_FLAG=
66290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2011		08/01/2011		12/05/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011	07/20/2011	07/20/2011	07/20/2011	11/10/2013	VE	FALSE	FALSE	VEd at TA-55 WGD MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011		07/20/2011		11/19/2011		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011		07/20/2011		04/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011		07/20/2011		11/19/2011		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2011		07/20/2011		11/19/2011		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2011		07/19/2011		03/07/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2011		07/19/2011		04/19/2012		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2011		07/19/2011		12/08/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2011		04/07/2011		09/14/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/2011		04/06/2011		09/24/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/2011		04/06/2011		09/16/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2011		04/13/2011		09/19/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2011		04/11/2011		09/19/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2011		04/07/2011		11/20/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2011		04/18/2011		03/22/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2011		04/15/2011		09/06/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2011		04/18/2011		09/16/2011		FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2011		04/19/2011		01/10/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2011		04/19/2011		09/24/2011		FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2011		04/19/2011		08/09/2012		FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2011		07/19/2011		11/19/2011		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2011		06/13/2011		04/10/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

66314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2011		06/13/2011		04/10/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2011		06/13/2011		11/08/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2011		06/13/2011		03/07/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2011		06/13/2011		03/21/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2012		03/08/2012		07/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/2012		01/10/2012		07/10/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		08/14/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		08/24/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		08/10/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		11/11/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		08/24/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		08/02/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		08/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG
66328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/2012		02/03/2012		09/27/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG
66329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2012		03/05/2012		10/28/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2012		03/05/2012		08/19/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2012		03/05/2012		08/19/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2011		04/21/2011		10/04/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2011		04/14/2011		02/24/2012		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2011		04/14/2011		09/14/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/20/2011		04/20/2011		09/18/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2011		04/21/2011		09/21/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2011		05/25/2011		01/07/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/27/2011		04/27/2011		11/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2011		05/12/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/2011		05/12/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		10/05/2011		FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2011		05/09/2011		10/05/2011		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2011		05/09/2011		01/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66346	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2011		05/03/2011		10/24/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2011		05/03/2011		03/07/2012		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66348	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2011		05/03/2011		10/24/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		09/29/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		09/29/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		10/05/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		10/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		09/30/2011		FALSE	FALSE	REQUIRE OVERPACKING MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		02/28/2012		FALSE	FALSE	REQUIRE OVERPACKING PER 1200 11 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		09/14/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		03/29/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66357	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2011		05/09/2011		11/02/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2011		05/09/2011		03/21/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2011		05/09/2011		10/30/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2011		05/16/2011		10/27/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/2011		05/17/2011		01/07/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		10/08/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/2011		05/17/2011		10/30/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		11/29/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		10/26/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		10/26/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2011		05/10/2011		03/31/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		11/23/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/2011		05/18/2011		12/17/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66370	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2011		05/23/2011		10/26/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2011		05/31/2011		04/10/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2011		05/25/2011		11/13/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2011		05/25/2011		04/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2011		05/31/2011		12/11/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/2011		05/26/2011		10/30/2011		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2011		05/31/2011		04/06/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/27/2011		05/27/2011		12/10/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2011		05/31/2011		12/21/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66381	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/2011		05/25/2011		10/23/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/2011		05/26/2011		04/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/26/2011		05/26/2011		05/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66384	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/2011		06/01/2011		11/19/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		11/03/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2011		07/19/2011		12/11/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		04/06/2012		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/2011		06/07/2011		10/24/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		04/03/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/2011		06/07/2011		06/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2011		07/12/2011		12/03/2011		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2011		06/21/2011		11/29/2011		FALSE	FALSE	MT_42=No, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=
66393	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		01/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED >
66394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/2011		06/07/2011		11/16/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66395	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		01/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66396	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		01/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66397	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		02/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		03/31/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/2011		06/14/2011		10/30/2011		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A, HOLD_FLAG=
66400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2011		06/08/2011		04/29/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2011		06/08/2011		05/08/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2011		07/27/2011		06/19/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66403	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2011		07/26/2011				FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD-DO NOT SHIP, SUSPECTED S3000
66404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2011		08/17/2011		01/10/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/2011		07/27/2011		01/13/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2011		08/01/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2011		08/01/2011		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2011		08/10/2011		04/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/2011		10/12/2011		05/06/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2011		09/27/2011		04/22/2012		FALSE	FALSE	MT42=Yes Mix, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2011		08/10/2011		04/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2011		08/10/2011		04/20/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66415	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2011		08/30/2011		03/21/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66416	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2011		08/31/2011		06/31/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2011		09/01/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2011		08/11/2011		05/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=S
66420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2011		09/27/2011		04/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2011		08/11/2011		11/06/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66423	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2011		10/04/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2011		08/30/2011		01/09/2013		FALSE	FALSE	MT42=No, MT_83=Yes Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66427	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2014		11/07/2014				FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66430	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2014		11/07/2014				FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2011	08/17/2011	08/17/2011	08/17/2011	01/19/2012	VE	FALSE	FALSE	VEd at TA55 — MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2011		08/18/2011		01/04/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2011		09/27/2011		03/07/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/2011		09/19/2011		03/07/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66435	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2011		07/28/2011		08/19/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2011		09/08/2011		10/19/2012		FALSE	FALSE	MT42=No, MT_83=Pu238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2011		07/28/2011		04/19/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/2011		07/28/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2011		08/01/2011		04/14/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2011		08/04/2011		01/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		05/06/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66442	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		01/20/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66443	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		03/21/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66444	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2011		08/04/2011		01/18/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		08/09/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		03/07/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		08/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		09/09/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=

66450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2011		08/03/2011		12/28/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2011		08/16/2011		01/11/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2011		08/18/2011		07/21/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2011		08/18/2011		04/17/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2011		08/31/2011		09/13/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66457	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2011		10/27/2011		07/31/2013		FALSE	FALSE	2 LOC per TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66458	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2011		10/27/2011		08/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2011		09/27/2011		03/15/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66461	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2011		09/15/2011		08/19/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2011		08/30/2011		03/18/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66464	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2011		08/16/2011		12/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2011		09/22/2011		05/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2011		08/17/2011		03/21/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66469	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2011		09/15/2011		05/13/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2011		08/24/2011		03/01/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2011		09/01/2011		04/08/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2011		09/08/2011		08/14/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/2011	09/07/2011	09/07/2011	09/07/2011	04/27/2012	VE	FALSE	FALSE	WGD VEd at TA-55 MT42=No, MT83 REPORTED = Pu-238 > 1%, MT83 REPORTED > 83% = No, Actual_Default Vent Date = A, HOLD FLAG =
66475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2011		08/31/2011		08/02/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2011		08/31/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2011	07/10/2012	08/31/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA55 -- On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2011	07/10/2012	08/31/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA55 — On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2011		09/15/2011		01/11/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/2011		08/31/2011		04/14/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2011		09/08/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2011		09/08/2011		08/12/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2011	07/10/2012	09/01/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA55 — On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2011	07/10/2012	09/01/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA55 — On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/2011		10/04/2011		04/26/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66487	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/2011		09/01/2011		02/18/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/2011		09/20/2011		04/10/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/2011	07/10/2012	09/02/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA55 — On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/2011	07/10/2012	09/02/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA55 — On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2012		09/17/2012		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2012		10/24/2012		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		03/24/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66496	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		05/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2012		10/30/2012		03/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66498	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2012	10/11/2012	10/11/2012	10/11/2012		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66499	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2012		10/17/2012		04/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2011		09/13/2011		07/21/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2011		09/13/2011		04/14/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66502	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2011		09/15/2011		02/17/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66503	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2011		09/15/2011		03/07/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2011		09/15/2011		02/17/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2011		09/14/2011		02/17/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2011		09/14/2011		02/17/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66507	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2011		09/14/2011		03/07/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66508	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2011		09/13/2011		03/23/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66509	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2011		09/13/2011		03/31/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66510	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2011		09/13/2011		03/31/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66511	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/2014		09/02/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD DO NOT SHIP SUSPECTED S3000
66512	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2011		09/13/2011		03/21/2012		FALSE	FALSE	MT42=No, MT_83=No , MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66514	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2011	07/10/2012	09/21/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	WGD VEd at TA55 On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/2011	07/10/2012	09/20/2011	07/10/2012	01/09/2014	VE	TRUE	FALSE	WGD VEd at TA55 On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2011	07/10/2012	09/21/2011	07/10/2012	01/09/2014		TRUE	FALSE	WGD VEd at TA55 On 071112 changed VD1CD1 to 071012 bcz drums opened and closed to place marker WPF 51616 MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66518	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/2011		09/27/2011		03/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2011		10/03/2011		05/04/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2011		10/11/2011		06/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2011		10/11/2011		06/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2011		10/11/2011		06/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2011		11/28/2011		04/17/2013		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2012		02/01/2012		08/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= SUSP
66526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2011		11/09/2011		10/28/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/2011		11/22/2011		03/17/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2012		01/18/2012		11/15/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
66529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2012		01/18/2012		01/09/2013		FALSE	FALSE	MT42=No, MT_83=Yes Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2011		11/28/2011		05/25/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2012		01/19/2012		08/23/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2012		01/19/2012		08/27/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011		12/15/2011		11/18/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011		12/15/2011		08/23/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=

66537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2011		12/08/2011		08/02/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011		12/15/2011		09/17/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2011		12/08/2011		09/23/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2011		12/01/2011		09/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2011		12/01/2011		09/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011	12/15/2011	12/15/2011	12/15/2011	05/25/2012	VE	TRUE	FALSE	VEd at TA55 MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2012		05/23/2012		05/05/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2011	12/01/2011	12/01/2011	12/01/2011	12/22/2012	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66545	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2012	04/30/2012	04/30/2012	04/30/2012	11/08/2012	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/2012		01/03/2012		05/25/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66549	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2011	12/07/2011	12/07/2011	12/07/2011	07/10/2012	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2012		01/11/2012		09/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011		12/15/2011		07/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011		12/15/2011		06/17/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG= SPM HOLD - DO NOT SHIP, SUSPECTED S3000
66553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011		12/15/2011		06/03/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/2012		01/10/2012		10/26/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66555	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/2011		12/15/2011		07/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2012		08/15/2012		05/05/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/2012		01/28/2012		05/25/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2012		01/18/2012		10/28/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2012		01/18/2012		06/24/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2012		01/31/2012		08/22/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG
66561	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2014		09/24/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP SUSPECTED S3000
66562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2012		03/26/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66564	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2014		09/25/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP SUSPECTED S3000
66565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2012		02/22/2012		12/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2012		01/11/2012		05/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2012		01/11/2012		07/10/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2012		01/11/2012		08/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG
66571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2012		01/11/2012		01/09/2013		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2012		01/11/2012		05/31/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2012		01/11/2012		06/12/2012		FALSE	FALSE	MT42=NO, MT_83=NO, MT_83_REPORTED > 50%=NO, Actual_Default_Ventdate=A HOLD_FLAG=
66574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2012		03/27/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66576	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2014		09/25/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP SUSPECTED S3000
66578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2012		02/22/2012		11/15/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2012		01/24/2012		06/31/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66580	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2012		02/08/2012		12/26/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2012		03/27/2012		05/05/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2012		01/24/2012		08/12/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A
66583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2012		03/27/2012		05/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2012		03/27/2012		05/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2012		03/27/2012		12/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

66586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2012		02/27/2012		05/05/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2012		03/06/2012		08/31/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2012		03/27/2012		12/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2012		02/22/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2012		09/10/2012		10/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2012		03/12/2012		10/24/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66594	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2012		03/13/2012		12/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2012		03/05/2012		10/24/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2012		02/14/2012		07/31/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2012		03/26/2012		10/30/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/2012		02/15/2012		12/05/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
66599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2012		02/13/2012		06/16/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2012		02/14/2012		06/16/2012		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2012		02/14/2012		06/12/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2012		02/22/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2012		03/13/2012		11/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2012		02/14/2012		06/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2012		02/14/2012		07/26/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2012		03/21/2012		01/09/2013		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2012	02/08/2012	02/08/2012	02/08/2012	12/08/2012	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2012		05/24/2012		12/22/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2012		04/05/2012		12/12/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2012		02/02/2012		06/23/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG
66612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/2012		02/03/2012		08/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/2012		02/03/2012		08/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2012		05/03/2012		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2012		05/03/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2012		03/20/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2012		05/24/2012		12/22/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2012		03/29/2012		11/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		11/03/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2012		03/21/2012		11/15/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		12/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2012		04/10/2012		01/12/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2012		03/29/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/29/2012	02/29/2012	02/29/2012	02/29/2012	01/16/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2012		02/22/2012		07/05/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2012		02/22/2012		07/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2012		04/10/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2012	03/07/2012	03/08/2012	03/07/2012	01/09/2014	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Be > 1% Actual_Default_Ventdate=A HOLD_FLAG=
66630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/2012	03/07/2012	03/08/2012	03/07/2012	01/09/2014	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Be > 1%Actual_Default_Ventdate=A HOLD_FLAG=
66631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2012	03/07/2012	03/07/2012	03/07/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2012	03/07/2012	03/07/2012	03/07/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A
66633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2012	03/07/2012	03/07/2012	03/07/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2012		03/07/2012		03/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2012		03/07/2012		10/30/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66636	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2012		03/07/2012				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66637	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2012	03/09/2012	03/09/2012	03/09/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Be > 1%Actual_Default_Ventdate=A HOLD_FLAG=
66638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2012	03/09/2012	03/09/2012	03/09/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Be > 1% Actual_Default_Ventdate=A HOLD_FLAG=
66639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2012	03/09/2012	03/09/2012	03/09/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Be > 1%Actual_Default_Ventdate=A HOLD_FLAG=
66640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2012	03/09/2012	03/09/2012	03/09/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2012		04/03/2012		01/09/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/2012		03/27/2012		03/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2012	03/09/2012	03/09/2012	03/09/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2012		03/13/2012		08/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2012		03/13/2012		10/28/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2012		03/13/2012		11/17/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/2012		03/13/2012		08/12/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		07/10/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		10/03/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		08/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		08/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		08/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		08/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		10/24/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2012		04/10/2012		08/16/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66658	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2012		03/19/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		08/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/2012		07/19/2012		11/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2012		03/28/2012		12/29/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2012		03/28/2012		01/07/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2012		04/05/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2012	04/11/2012	04/11/2012	04/11/2012	04/20/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66667	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/2012		03/22/2012		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66668	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/2012		03/22/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2012		03/29/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2012		04/09/2012		11/15/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012	04/18/2012	04/18/2012	04/18/2012	11/13/2012	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2012		04/09/2012		09/26/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2012		04/09/2012		12/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2012		04/03/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2012		08/21/2012		04/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2012		04/09/2012		11/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		11/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2012		04/09/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2012		07/17/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		12/12/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2012		05/03/2012		03/22/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/2012		04/09/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
66685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2012		05/07/2012		11/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		11/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2012		09/10/2012		07/08/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2012		05/03/2012		12/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		06/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		12/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2012		05/01/2012		10/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66693	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2012		08/27/2012		12/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2012		04/12/2012		12/29/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2012		05/03/2012		10/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012	04/18/2012	04/18/2012	04/18/2012	11/08/2012	VE	FALSE	FALSE	VEd AT TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2012		11/13/2012		07/24/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012	04/18/2012	04/18/2012	04/18/2012	01/09/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2012	04/30/2012	04/30/2012	04/30/2012	05/05/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2012		04/24/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2012		05/08/2012		09/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2012	05/08/2012	05/08/2012	05/08/2012	01/09/2014	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2012	05/08/2012	05/08/2012	05/08/2012	01/09/2014	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66704	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/07/2013		02/07/2013		08/11/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
66705	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/07/2013		02/07/2013		10/02/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
66706	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/27/2012		11/27/2012		08/08/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
66707	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2013		01/29/2013		10/02/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66708	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2013		01/29/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66709	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2013		01/29/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66710	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2013		01/29/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66711	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2013		01/29/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66712	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/30/2013		01/30/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66713	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/30/2013		01/30/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66714	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/30/2013		01/30/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66715	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/30/2013		01/30/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66716	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/31/2013		01/31/2013		10/18/2013		TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83>50% REPORTED MTs=N/A AK8, Actual_Default=A, HOLD FLAG=
66718	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/15/2013		03/15/2013				TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=
66719	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/20/2013		08/20/2013				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
66720	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/07/2013		02/07/2013		09/14/2013		TRUE	TRUE	MT42=N/A AK8, MT_83=N/A AK8, MT_83_REPORTED > 50%=N/A AK8, Actual_Default_Ventdate=A HOLD_FLAG=

66721	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/07/2013		02/07/2013		06/11/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66722	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	03/05/2013		03/05/2013				FALSE	FALSE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66724	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	06/06/2013		06/06/2013				TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=HOLD_FLAG=
66725	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	07/26/2012		07/26/2012				TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66726	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/06/2013		02/06/2013		04/28/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66727	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	11/28/2012		11/28/2012		04/28/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66728	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	11/29/2012		11/29/2012		06/11/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66729	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	11/27/2012		11/27/2012		04/28/2013		TRUE	TRUE	MT42=N/A - AKB, MT_83=N/A - AKB, MT_83_REPORTED > 50%=N/A - AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66730	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/05/2013		02/05/2013		08/11/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66731	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/05/2013		02/05/2013		08/06/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66732	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/06/2013		02/06/2013		08/11/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66733	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/06/2013		02/06/2013		08/11/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66734	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-006	S5100	02/06/2013		02/06/2013		08/11/2013		TRUE	TRUE	MT42=N/A AKB, MT_83=N/A AKB, MT_83_REPORTED > 50%=N/A AKB, Actual_Default_Ventdate=A HOLD_FLAG=
66738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2012		05/09/2012		10/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2012		05/09/2012		11/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66740	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2012		05/09/2012		12/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/2012		07/09/2012		11/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2012		06/27/2012		03/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2012		06/13/2012		12/26/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2012	06/13/2012	06/13/2012	06/13/2012	04/20/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66745	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2012		06/27/2012		12/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/2012	07/13/2012	07/13/2012	07/13/2012	01/09/2014	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66747	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		12/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66748	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2012		10/17/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG =
66749	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2012		07/03/2012		12/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66750	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2012		07/03/2012		12/13/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66751	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2012		07/03/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66752	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2012		07/03/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66753	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2012		07/03/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66754	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2012		07/03/2012		04/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2012		05/22/2012		11/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2012		05/10/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66757	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2012		05/10/2012		06/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2012		05/10/2012		12/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2012		05/24/2012		11/14/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2012		05/10/2012		07/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		01/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2012		09/26/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		06/11/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		11/06/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66767	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2013		01/29/2013		07/13/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66768	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2013		01/29/2013		07/13/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66769	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2013		01/29/2013				FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
66770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		08/11/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2012		07/17/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2012		06/08/2012		12/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2012		06/08/2012		08/08/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/2012		06/08/2012		01/24/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/2012		06/05/2012		01/24/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2012		05/16/2012		12/05/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2012		06/04/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012	06/26/2012	06/26/2012	06/26/2012	04/20/2013	VE	FALSE	FALSE	MT42=No, MT_83=Pu-238>1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2012		06/04/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2012		06/04/2012		09/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/2012		05/30/2012		12/26/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2012	06/21/2012	06/21/2012	06/21/2012	11/06/2012	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		12/12/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		12/21/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2012		05/22/2012		12/20/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/2012		05/31/2012		01/12/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2012		05/22/2012		08/08/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2012		06/19/2012		11/15/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/2012		06/05/2012		07/24/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2012		06/19/2012		08/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		08/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2012		06/19/2012		11/06/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/2012		06/19/2012		11/15/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/2012		06/20/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66796	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/2012		06/20/2012		03/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2012		06/28/2012		03/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2012		06/21/2012		01/12/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2012	07/18/2012	07/18/2012	07/18/2012	04/17/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2012		11/06/2012		04/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2012		10/22/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2012		10/10/2012		11/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2012		10/23/2012		05/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2012	10/18/2012	10/18/2012	10/18/2012	07/02/2013	VE	TRUE	FALSE	VEd at TA55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66806	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2012	10/24/2012	10/24/2012	10/24/2012	04/21/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2012		11/28/2012		08/23/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
66808	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2012	12/03/2012	12/03/2012	12/03/2012		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2012		10/30/2012		08/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2012		10/24/2012		04/20/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2012		10/26/2012		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2013		01/24/2013		07/11/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2012		11/28/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2012		10/30/2012		04/02/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2012	10/30/2012	10/30/2012	10/30/2012	05/16/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2012	10/29/2012	10/29/2012	10/29/2012	07/02/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2012		10/26/2012		09/25/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= A HOLD_FLAG=
66821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2012		10/26/2012		05/31/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= A HOLD_FLAG=
66822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2012		10/30/2012		04/19/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2012		11/28/2012		06/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66824	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2012		10/30/2012		04/19/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2013		02/20/2013		06/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2012		11/02/2012		08/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66827	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2012		10/25/2012		08/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= A HOLD_FLAG=
66828	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2012		10/25/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= A HOLD_FLAG=
66829	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2012		10/25/2012		07/13/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= A HOLD_FLAG=
66830	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2012		10/25/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= A HOLD_FLAG=
66831	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2012		10/26/2012		06/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate= A HOLD_FLAG=
66832	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2012		10/26/2012		08/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66833	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2012		10/26/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66834	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2012		10/26/2012		08/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2012		11/02/2012		12/29/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2012		11/02/2012		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2012		11/02/2012		10/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2012		11/06/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2012		11/05/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2012		11/26/2012		05/30/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2012		11/06/2012		07/07/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2012		11/06/2012		06/29/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2013		01/24/2013		06/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2012		11/09/2012		08/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2012		11/16/2012		07/03/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66846	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2012		11/09/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2012		11/26/2012		05/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66848	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2012		11/09/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66849	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2012		11/09/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66850	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2014		03/26/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66851	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2014		03/26/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2012	11/14/2012	11/14/2012	11/14/2012	11/10/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1% MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/2012	11/14/2012	11/14/2012	11/14/2012	08/04/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=Pu-238 > 1%, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66854	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66855	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66856	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66857	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66858	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66859	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66860	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66861	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66862	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2012		11/19/2012		07/13/2013		FALSE	FALSE	PU-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

66883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2012		11/28/2012		07/09/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2012	12/05/2012	12/05/2012	12/05/2012	08/15/2013	VE		FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/2012		12/13/2012		11/10/2013			FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
66887	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/2013		01/15/2013		07/18/2013			FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66888	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2013		01/11/2013		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66889	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2013		01/11/2013		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66870	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2013		01/11/2013		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66871	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/2013		01/11/2013		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66872	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013		03/26/2013		06/07/2013			FALSE	FALSE	MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66873	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2012		12/04/2012		12/07/2013			FALSE	FALSE	MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66874	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2012		12/04/2012		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66875	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2012		12/04/2012		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66876	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2012		12/04/2012		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66877	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2012		12/04/2012		07/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66878	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2012		12/04/2012		07/19/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2012	12/05/2012	12/05/2012	12/05/2012	08/16/2013	VE		FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66882	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2012	12/17/2012	12/17/2012	12/17/2012	08/14/2013	VE		FALSE	FALSE	VEd at TA-55 MT42=No, MT83=Yes, MT83 REPORTED > 50% MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
66883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2013		01/31/2013		07/07/2013			FALSE	FALSE	MT42=YES, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2013		02/21/2013		08/15/2013			FALSE	FALSE	MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/2013		01/22/2013		07/07/2013			FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2013		01/14/2013		07/09/2013			FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2012	12/17/2012	12/17/2012	12/17/2012	09/12/2013	VE		FALSE	FALSE	VEd at TA-55 MT42=No, MT83=Yes, MT83 REPORTED > 50% MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
66890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2013		01/09/2013		04/21/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66891	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		07/09/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66892	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		10/18/2013			FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
66893	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2013		01/09/2013		07/18/2013			FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66894	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2013		01/09/2013		07/19/2013			FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66895	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2013		01/09/2013		07/19/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66896	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		07/05/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/2013		01/24/2013		09/29/2013			FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66899	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		10/18/2013			FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
66900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2012		06/25/2012		04/02/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/2012		06/20/2012		09/21/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66902	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/2014		10/01/2014					FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2012		06/21/2012		12/02/2012			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2012		06/21/2012		11/06/2012			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		04/18/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2012		06/21/2012		11/06/2012			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2012		07/24/2012		04/18/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		09/10/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		01/13/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		12/26/2012			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		01/29/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		10/18/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2012		06/28/2012		04/02/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66915	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/2012	07/13/2012	07/13/2012	07/13/2012		VE		FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/2013		01/15/2013		05/17/2013			FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=

66917	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2012		06/21/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/2012		07/09/2012		12/09/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/2013	02/14/2013	02/14/2013	02/14/2013	06/04/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		11/06/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2012		08/14/2012		08/31/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2012		06/28/2012		04/02/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2012		07/17/2012		12/05/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/2013		01/22/2013		06/29/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2012		07/17/2012		12/02/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66927	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		11/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2012		06/06/2012		09/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66931	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		03/26/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66932	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66933	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66934	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66935	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66936	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66937	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66938	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		12/01/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66939	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/2012		06/26/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66940	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2012		11/09/2012		07/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		10/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2012		08/01/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2012		08/16/2012		07/02/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66947	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		07/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66948	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013	03/19/2013	03/19/2013	03/19/2013		VE	FALSE	FALSE	VEd at TA-55 MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66949	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013	03/19/2013	03/19/2013	03/19/2013		VE	FALSE	FALSE	VEd at TA-55 MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66950	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013	03/19/2013	03/19/2013	03/19/2013		VE	FALSE	FALSE	VEd at TA-55 MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66951	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013	03/26/2013	03/19/2013	03/19/2013		VE	FALSE	FALSE	VEd at TA-55 MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66952	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2013	04/03/2013	04/03/2013	04/03/2013		VE	FALSE	FALSE	VEd at TA-55 MT_42=No, MT_83=Pu-238>1%, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
66953	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013		03/26/2013		08/11/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66954	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013	03/26/2013	03/26/2013	03/26/2013	08/11/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66955	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013	03/26/2013	03/26/2013	03/26/2013		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66956	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013	03/26/2013	03/26/2013	03/26/2013	09/17/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66957	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/2013		04/04/2013				FALSE	FALSE	MT42=No, MT83=No, MT83 REPORTED > 50% MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66958	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013	03/26/2013	03/26/2013	03/26/2013	09/17/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66959	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013	03/26/2013	03/26/2013	03/26/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66960	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013	03/26/2013	03/26/2013	03/26/2013	07/23/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2013	04/03/2013	04/03/2013	04/03/2013	12/28/2013	VE	FALSE	FALSE	VEd at TA-55 MT_42=No, MT_83=NPu-238>1%, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=

66962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2013		02/20/2013		08/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/2013	01/10/2013	01/10/2013	01/10/2013	08/24/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=YES PU-238 > 1%, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
66964	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/2013		01/15/2013		07/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66965	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/2013		01/15/2013		07/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66966	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/2013		01/15/2013		07/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66967	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2013		02/17/2013		08/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66968	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		07/19/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66969	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		08/11/2013		FALSE	FALSE	PU-240 > 15% MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66970	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		11/01/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66971	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		07/19/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66972	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		08/23/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66973	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		07/19/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66974	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		08/25/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66975	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		07/23/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66976	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		07/23/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66977	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2013		02/20/2013		07/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66978	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		07/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A
66979	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		07/24/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
66980	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		07/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66981	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/2013		03/05/2013		07/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2012		08/18/2012		05/31/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2012		08/13/2012		09/25/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2012	11/06/2012	11/06/2012	11/06/2012	08/24/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=Yes, MT83 > 50% of MTs=Yes, Actual_ Default_Vent Date=A, HOLD FLAG=
66985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2012	11/06/2012	11/06/2012	11/06/2012	07/02/2013	VE	FALSE	FALSE	VEd at TA-55 MT42= No, MT83 = Yes, MT83 Reported > 50% of MTs= Yes, Actual_Default=A, HOLD FLAG=
66986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2012	10/29/2012	10/29/2012	10/29/2012	09/21/2013	VE	FALSE	FALSE	WGD VEd at TA-55 MT42=No, MT83=Pu-238> 1%, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
66987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2012		08/21/2012		05/05/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2012		08/22/2012		04/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/2012		10/25/2012		05/10/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/2012		08/18/2012		12/11/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		08/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2012	09/12/2012	09/12/2012	09/12/2012	05/05/2013	VE	FALSE	FALSE	VEd at TA-55 WGD MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
66994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2012		08/14/2012		04/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/2012		08/16/2012		03/15/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2012	10/29/2012	10/29/2012	10/29/2012	05/10/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2012		08/21/2012		07/02/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/2012		08/30/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
66999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2012		08/28/2012		03/15/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/2012		07/13/2012		12/28/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		12/28/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		12/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		12/18/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2012		07/17/2012		10/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		10/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		07/24/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		07/08/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		03/20/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2012		07/17/2012		03/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

67010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		12/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		09/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		09/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2012		07/12/2012		10/08/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		09/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2012		09/10/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2012		10/10/2012		04/19/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2012	07/18/2012	07/18/2012	07/18/2012	08/13/2013	VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/2012		07/30/2012		12/08/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		09/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/2012		07/20/2012		08/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2012		11/01/2012		06/30/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2012		11/02/2012		07/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2012		11/02/2012		06/30/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2012		11/02/2012		09/12/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2012		11/01/2012		09/12/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/2012		11/01/2012		01/18/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2012	11/08/2012	11/08/2012	11/08/2012	08/19/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2012	11/08/2012	11/08/2012	11/08/2012	08/13/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=NPu-238 > 1%, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67031	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2013		01/17/2013		07/07/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		01/14/2014		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2012		08/23/2012		12/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2012		09/11/2012		06/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2012		09/11/2012		08/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2012		09/11/2012		09/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A
67038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2012		09/04/2012		09/25/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2012		09/04/2012		01/31/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2012		09/04/2012		01/28/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2012		09/04/2012		12/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2012		09/04/2012		09/16/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		09/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		12/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		07/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		07/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		01/18/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		06/30/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		01/16/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		08/16/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		09/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		03/26/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67053	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		12/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		06/29/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		06/29/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		09/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67057	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		12/19/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/2012		09/06/2012		09/26/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

67059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2012		09/12/2012		12/07/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2012		09/12/2012		09/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67061	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2012		09/12/2012		09/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2012		09/12/2012		09/12/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		04/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2012	10/02/2012	10/02/2012	10/02/2012	05/05/2013	VE	FALSE	FALSE	VEd at TA-55 WGD Np-237 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		06/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67066	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2012	10/11/2012	10/11/2012	10/11/2012		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2012		09/17/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		01/18/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		08/20/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67071	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		07/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		08/20/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		05/24/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2012		09/13/2012		06/28/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2012		09/14/2012		08/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2012		09/14/2012		08/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67077	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2012		09/14/2012		08/21/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67078	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2012		09/17/2012		04/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67079	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2012		09/17/2012		01/18/2014		FALSE	FALSE	MT42=No, MT_83=No, MT_83 > 50% of MTs = No; Actual_Default_Ventdate=A; HOLD FLAG=SUSPECTED S3000 SPM HOLD - DO NOT SHIP
67080	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2012		09/17/2012		06/24/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67081	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2012		09/17/2012		07/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67082	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2012		10/29/2012		07/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A
67083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		08/22/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		06/09/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		07/17/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2012		09/18/2012		08/22/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/09/2012		10/09/2012		11/01/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2012		09/26/2012		07/02/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2012		09/26/2012		06/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2012	12/03/2012	12/03/2012	12/03/2012	07/05/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2012		09/25/2012		06/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2012		10/22/2012		07/07/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/2012		09/26/2012		10/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2012		09/25/2012		06/09/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67095	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2012		09/24/2012		01/19/2014		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67096	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2012		09/24/2012		07/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67097	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2012		09/24/2012		06/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2012		10/29/2012		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/2012		10/18/2012		07/02/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67128	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2013		07/02/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67132	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2013		01/29/2013		08/11/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67133	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/2013		01/29/2013		08/11/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2013		02/20/2013		08/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67135	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2013	03/18/2013	03/18/2013	03/18/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2013		02/20/2013		07/11/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

67137	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/2013		02/20/2013				FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2013	04/30/2013	04/30/2013	04/30/2013	08/24/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67140	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2013		02/28/2013		10/10/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67141	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2013		02/28/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67142	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2013		02/28/2013		07/24/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67143	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2013		02/28/2013		07/14/2013		FALSE	FALSE	Pu-240 > 15% MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67144	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2013		02/21/2013		08/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67145	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/2013		02/28/2013		07/23/2013		FALSE	FALSE	Pu-240 > 15% MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67146	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		07/23/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67147	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2013		02/21/2013		07/18/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67148	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2013		03/12/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP SUSPECTED S3000
67149	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		08/11/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67150	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		08/11/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/2013	02/15/2013	02/15/2013	02/15/2013	08/04/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/2013	02/15/2013	02/15/2013	02/15/2013	07/05/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67154	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2013	03/18/2013	03/18/2013	03/18/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2013		02/21/2013		06/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2013		02/26/2013		07/02/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2013		04/16/2013		10/10/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67158	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013				FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG= SUSPECTED S3000 SPM HOLD - DO NOT SHIP
67159	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		08/11/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67160	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		07/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67161	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		07/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67162	POC				APPROVED_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013				FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67163	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		07/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67164	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/2013		03/07/2013		07/23/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67165	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2013		03/06/2013		07/14/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67166	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2013		03/12/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50% of MTs =No, Actual_Default_Ventdate=A HOLD_FLAG= SPM HOLD - DO NOT SHIP SUSPECTED S3000
67168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2013		05/09/2013		08/23/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67169	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2013	03/18/2013	03/18/2013	03/18/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67170	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2013		03/12/2013				FALSE	FALSE	MT42= Pu-242 > 1%, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG= SUSPECTED S3000 SPM HOLD - DO NOT SHIP
67171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/2013	04/17/2013	04/17/2013	04/17/2013	01/24/2014	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67172	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2013		03/11/2013				FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2013		03/11/2013		07/07/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67174	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		07/18/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67175	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		09/17/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67176	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		07/24/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67177	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		07/23/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67178	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/24/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67179	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/24/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67180	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/07/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67181	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/07/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67182	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/07/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67183	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/11/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67184	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		07/18/2013		FALSE	FALSE	Pu-240 > 15% MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67185	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/07/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67188	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/07/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67187	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/2013		03/19/2013		08/07/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67188	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		07/18/2013		FALSE	FALSE	Pu-240 > 15% MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67189	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013		03/26/2013		08/07/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67190	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013		03/26/2013		07/23/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67191	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013		03/26/2013		08/07/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67192	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2013		03/18/2013				FALSE	FALSE	MT42=No, MT_83=Yes Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM HOLD - DO NOT SHIP SUSPECTED S3000
67193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2013	03/28/2013	03/28/2013	03/28/2013	08/24/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/2013	03/15/2013	03/15/2013	03/15/2013	08/23/2013	VE	FALSE	FALSE	VEd at TA-55 MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=

67196	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		11/06/2013		FALSE	FALSE	Pu-240 > 15% MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67197	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2013		03/14/2013		09/17/2013		FALSE	FALSE	Pu-240 > 15% MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67198	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2013		03/21/2013		08/11/2013		FALSE	FALSE	MT42= No, MT83 = No, MT83 Reported > 50% of MTs= No, Actual_Default=A, HOLD FLAG=
67199	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2013		03/26/2013		10/18/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67200	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2013	05/29/2013	05/29/2013	05/29/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67201	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2013	05/29/2013	05/29/2013	05/29/2013	12/07/2013	VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67202	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2013	05/29/2013	05/29/2013	05/29/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67205	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2013	05/29/2013	05/29/2013	05/29/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67206	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2013	05/29/2013	05/29/2013	05/29/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67207	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2013	05/29/2013	05/29/2013	05/29/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67208	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2013		05/29/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83 > 50% of MTs = No; Actual_Default_Ventdate=A; HOLD FLAG=
67210	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2013	06/06/2013	06/06/2013	06/06/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2013	05/21/2013	05/21/2013	05/21/2013	08/23/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2013	05/24/2013	05/24/2013	05/24/2013	11/10/2013	VE	TRUE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67216	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2013	06/10/2013	06/10/2013	06/10/2013		VE	TRUE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67217	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2013	05/24/2013	05/24/2013	05/24/2013		VE	TRUE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/2013	05/24/2013	05/24/2013	05/24/2013	10/19/2013	VE	TRUE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67220	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2013	09/04/2013	09/04/2013	09/04/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67221	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67222	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67223	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67224	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67225	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67226	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67227	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67229	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2013		09/04/2013				FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67230	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2013		09/04/2013				FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67232	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2013	09/04/2013	09/04/2013	09/04/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67233	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/2014	04/02/2014	04/02/2014	04/02/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67234	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/2014	04/02/2014	04/02/2014	04/02/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67235	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2013		12/03/2013				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67248	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2014	09/09/2014	09/09/2014	09/09/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
67249	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2014	09/09/2014	09/09/2014	09/09/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
67250	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2014	09/09/2014	09/09/2014	09/09/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
67251	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2014	09/09/2014	09/09/2014	09/09/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
67257	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2014	04/03/2014	04/03/2014	04/03/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67281	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2013		12/03/2013				FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67285	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2014	07/15/2014	07/15/2014	07/15/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67288	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/2014	07/15/2014	07/15/2014	07/15/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67289	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2014	03/11/2014	03/11/2014	03/11/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67290	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2014	03/12/2014	03/12/2014	03/12/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

67291	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2014	03/12/2014	03/12/2014	03/12/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67292	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2014	03/12/2014	03/12/2014	03/12/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67293	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2014	03/12/2014	03/12/2014	03/12/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67294	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2014	03/11/2014	03/11/2014	03/11/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67295	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2014	03/11/2014	03/11/2014	03/11/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67296	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2014	03/11/2014	03/11/2014	03/11/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67298	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/2014		04/02/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67299	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2014	05/28/2014	05/28/2014	05/28/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67300	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2013	03/28/2013	03/28/2013	03/28/2013		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67301	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2013	06/10/2013	06/10/2013	06/10/2013		VE	TRUE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/2013	03/28/2013	03/28/2013	03/28/2013	08/24/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2013	04/10/2013	04/10/2013	04/10/2013	08/23/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2013		04/03/2013		08/15/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2013	04/30/2013	04/30/2013	04/30/2013	11/01/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/2013	04/03/2013	04/03/2013	04/03/2013	08/23/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67307	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013		08/24/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=S
67308	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013		08/07/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67309	POC				APPROVED_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013				FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67310	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013		07/18/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67311	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013		08/07/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67312	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013		07/18/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67313	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013		07/18/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67314	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2013		04/08/2013		08/23/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2013	04/10/2013	04/10/2013	04/10/2013	01/18/2014	VE	FALSE	FALSE	VEd at TA-55 MT_42=No, MT_83=Pu-238 > 1%, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67316	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2013		04/05/2013		07/12/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67317	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2013		04/05/2013		07/28/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2013	04/16/2013	04/16/2013	04/16/2013	01/26/2014	VE	FALSE	FALSE	VEd at TA-55 MT_42=No, MT_83=Pu-238 > 1%, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67319	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/2013	04/10/2013	04/10/2013	04/10/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67321	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2013	04/15/2013	04/15/2013	04/15/2013		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67322	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2013	04/16/2013	04/16/2013	04/16/2013	08/11/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 REPORTED > 50% of MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67323	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2013		04/16/2013		08/07/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67324	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2013	04/16/2013	04/16/2013	04/16/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67325	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67326	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/2013	06/04/2013	06/04/2013	06/04/2013		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67327	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/2014	03/12/2014	03/12/2014	03/12/2014		VE	FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67328	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67329	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67330	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67331	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67332	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67333	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	01/18/2014	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67334	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67335	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2013	04/29/2013	04/29/2013	04/29/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=

67338	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2013	05/16/2013	05/16/2013	05/16/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67340	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/2013		07/09/2013				FALSE	FALSE	MT42=No, MT83=Yes, MT83 > 50% Reported MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
67341	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/2013		04/25/2013		08/23/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2013	05/09/2013	05/09/2013	05/09/2013	08/24/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2013	05/09/2013	05/09/2013	05/09/2013	08/23/2013	VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2013	04/24/2013	04/24/2013	04/24/2013	08/02/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67345	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2013	05/16/2013	05/16/2013	05/16/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67346	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2013	04/24/2013	04/24/2013	04/24/2013		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2013	05/07/2013	05/07/2013	05/07/2013	08/23/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67348	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2013	05/22/2013	05/22/2013	05/22/2013		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50% of MT=No, Actual_Default_Ventdate=A HOLD_FLAG=
67349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	08/24/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67350	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/2014	06/03/2014	06/03/2014	06/03/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67351	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013		VE	TRUE	TRUE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67352	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67353	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67354	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67355	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013		05/10/2013		08/24/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67356	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67357	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67358	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67359	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	12/07/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67362	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2013	05/01/2013	05/01/2013	05/01/2013		VE	FALSE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67363	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2013	05/01/2013	05/01/2013	05/01/2013		VE	FALSE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67364	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2013	05/01/2013	05/01/2013	05/01/2013		VE	FALSE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/2013		05/09/2013		12/28/2013		FALSE	FALSE	MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67368	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/2013	06/06/2013	06/06/2013	06/06/2013		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2013	05/07/2013	05/07/2013	05/07/2013	08/23/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2013	05/07/2013	05/07/2013	05/07/2013	08/24/2013	VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67369	POC				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67370	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67371	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/03/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67372	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/03/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67373	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/03/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67374	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/03/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67375	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/03/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67376	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/03/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67377	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	12/07/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67378	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	12/10/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67379	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67380	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	11/03/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67381	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/2013	05/08/2013	05/08/2013	05/08/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67382	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2013	05/16/2013	05/16/2013	05/16/2013	08/24/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67383	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013	11/06/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67388	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2014	05/05/2014	05/05/2014	05/05/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
67390	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67391	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2013	05/16/2013	05/16/2013	05/16/2013	10/18/2013	VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67392	POC				APPROVED_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2013	05/10/2013	05/10/2013	05/10/2013		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=

67393	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/18/2013	05/16/2013	05/16/2013	05/16/2013	10/18/2013	VE		TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67394	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/18/2013	05/18/2013	05/16/2013	05/16/2013	12/10/2013	VE		TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67395	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/18/2013	05/16/2013	05/16/2013	05/16/2013	10/18/2013	VE		TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% of MTs=No, Actual_ Default_Vent_Date=A, HOLD FLAG=
67396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/30/2013	05/30/2013	05/30/2013	05/30/2013	01/24/2014	VE		TRUE	FALSE	VEd at TA-55 MT_42=No, MT_83=No, MT83 > 50% MTs= No, Actual_Default=A, HOLD _FLAG=
67398	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	09/09/2013	09/09/2013	09/09/2013	09/09/2013		VE		FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=Pu-238 > 1%, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67399	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	04/18/2013	04/18/2013	04/18/2013	04/18/2013		VE		FALSE	FALSE	VEd at TA55 MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67500	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/18/2013		06/18/2013					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67501	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2013		03/12/2013		10/18/2013			TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83 REPORTED > 50%=N/A AK8, Actual_Default=A, HOLD FLAG=
67502	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2013		03/12/2013		10/18/2013			TRUE	TRUE	MT42=N/A AK8, MT83=N/A AK8, MT83 REPORTED > 50%=N/A AK8, Actual_Default=A, HOLD FLAG=
67503	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/09/2013		04/09/2013					TRUE	TRUE	MT_42=N/A AK8, MT_83=N/A AK8, MT_83 REPORTED > 50%=N/A AK8, Actual_Default=A, HOLD_FLAG=
67504	POC				EMPLACED_CNTR	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	04/10/2013		04/10/2013		10/18/2013			TRUE	TRUE	MT_42=N/A AK8, MT_83=N/A AK8, MT_83 REPORTED > 50%=N/A AK8, Actual_Default=A, HOLD_FLAG=
67505	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/19/2013		06/19/2013					TRUE	TRUE	P_MT42=N/A - AK8,MT_83=N/A - AK8,MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67506	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/11/2014		02/11/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67507	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/12/2014		02/12/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67508	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/12/2014		02/12/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67509	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/13/2014		02/13/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67510	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/13/2014		02/13/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67511	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/15/2013		08/15/2013					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67512	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/18/2013		09/18/2013					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67513	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2013		09/19/2013					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67514	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/19/2013		09/19/2013					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67515	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/04/2013		12/04/2013					TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= A HOLD_FLAG=
67517	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/05/2013		12/05/2013					TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= A HOLD_FLAG=
67518	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/05/2013		12/05/2013					TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= A HOLD_FLAG=
67519	POC				APPROVED_CERT	LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/05/2013		12/05/2013					TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= A HOLD_FLAG=
67523	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2014		01/28/2014					TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= A HOLD_FLAG=
67524	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/29/2014		01/29/2014					TRUE	TRUE	MT42=N/A - AK8,MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate= A HOLD_FLAG=
67525	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/17/2014		06/17/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67526	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/17/2014		06/17/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67527	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/10/2015		02/10/2015					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67528	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2014		03/05/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67529	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/04/2014		03/04/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67530	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/05/2014		03/05/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67538	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2014		03/11/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67539	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/11/2014		03/11/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67540	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	03/12/2014		03/12/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=A HOLD_FLAG=
67541	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2014		05/15/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67542	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/15/2014		05/15/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67543	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/14/2014		05/14/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67545	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/25/2014		08/25/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67546	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/16/2014		08/16/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67548	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/24/2014		06/24/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67554	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	05/28/2014		05/28/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67555	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	06/03/2014		06/03/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67558	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	07/07/2014		07/07/2014					TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=

67568	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/05/2014		08/05/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67569	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	08/05/2014		08/05/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67570	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/23/2014		09/23/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67578	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	09/23/2014		09/23/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67577	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2014		11/19/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67582	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	11/19/2014		11/19/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67583	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/09/2014		12/09/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67584	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/09/2014		12/09/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67585	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	12/10/2014		12/10/2014				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67587	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2015		01/28/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67588	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2015		01/28/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67589	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2015		01/28/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67590	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2015		01/28/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67591	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2015		01/28/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67592	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2015		01/28/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67593	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	01/28/2015		01/28/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67594	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/26/2015		02/26/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67595	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/25/2015		02/25/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67596	POC					LA-OS-00-01.001	CCP-AK-LANL-008	S5100	02/26/2015		02/26/2015				TRUE	TRUE	MT42=N/A - AK8, MT_83=N/A - AK8, MT_83_REPORTED > 50%=N/A - AK8, Actual_Default_Ventdate=HOLD_FLAG=
67600	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	04/22/2014	04/22/2014	04/22/2014	04/22/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=Yes, MT83 > 50% Reported MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
67601	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	04/28/2014	04/28/2014	04/28/2014	04/28/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67603	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	04/30/2014	04/30/2014	04/30/2014	04/30/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67604	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/28/2014	05/28/2014	05/28/2014	05/28/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=Yes, MT83 > 50% Reported MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
67605	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	04/30/2014	04/30/2014	04/30/2014	04/30/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67607	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/08/2014		05/08/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67608	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/08/2014		05/08/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67610	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/09/2014		05/09/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67612	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/08/2014		05/08/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67613	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/08/2014		05/08/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67614	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/15/2014	07/15/2014	07/15/2014	07/15/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67618	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/28/2014	05/28/2014	05/28/2014	05/28/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67622	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/27/2014	05/27/2014	05/27/2014	05/27/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67623	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	05/27/2014	05/27/2014	05/27/2014	05/27/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67628	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	06/05/2014		06/05/2014				FALSE	FALSE	MT42=No, MT83=Pu-238 > 1%, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67632	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/22/2014	07/22/2014	07/22/2014	07/22/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67633	SWB					LA-MHD01.001	CCP-AK-LANL-008	S5400	06/11/2014		06/11/2014				FALSE	FALSE	MT42=No, MT83=Pu-238 > 1%, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67638	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	06/17/2014	06/17/2014	06/17/2014	06/17/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67637	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/18/2014	07/18/2014	07/18/2014	07/18/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67638	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/01/2014	07/01/2014	07/01/2014	07/01/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67639	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	06/18/2014		06/18/2014				FALSE	FALSE	MT42=No, MT83=Yes, MT83 > 50% Reported MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
67640	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/14/2014		07/14/2014				FALSE	FALSE	MT42=No, MT83=Pu-238 > 1%, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67641	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=Yes, MT83 > 50% Reported MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
67642	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/01/2014	07/01/2014	07/01/2014	07/01/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67643	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/01/2014	07/01/2014	07/01/2014	07/01/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67645	POC					LA-MHD01.001	CCP-AK-LANL-008	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=

67646	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67647	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67648	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67649	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67650	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT83=No, MT83 > 50% Reported MTs=No, Actual_Default Vent Date=A, HOLD FLAG=
67651	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2014	08/13/2014	08/13/2014	08/13/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67652	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2014	08/13/2014	08/13/2014	08/13/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67654	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2014	07/17/2014	07/17/2014	07/17/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT83=Yes, MT83 > 50% Reported MTs=Yes, Actual_Default Vent Date=A, HOLD FLAG=
67657	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2014	09/10/2014	09/10/2014	09/10/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67658	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/06/2014	08/06/2014	08/06/2014	08/06/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67659	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2014		09/11/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67660	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/06/2014	08/06/2014	08/06/2014	08/06/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67661	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/2014	07/31/2014	07/31/2014	07/31/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67662	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2014		09/11/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67663	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2014	07/23/2014	07/23/2014	07/23/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67664	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/2014		07/29/2014				FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
67665	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2014	08/13/2014	08/13/2014	08/13/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67670	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2014	08/20/2014	08/20/2014	08/20/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67671	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/2014	10/07/2014	10/07/2014	10/07/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67675	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2014		09/23/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67676	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2014	09/04/2014	09/04/2014	09/04/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67677	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2014	09/09/2014	09/09/2014	10/09/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
67678	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2014	09/09/2014	09/09/2014	09/09/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
67685	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2014	09/24/2014	09/24/2014	09/24/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67688	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2014	10/02/2014	10/02/2014	10/02/2014		VE	FALSE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67692	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/2014	10/02/2014	10/02/2014	10/02/2014		VE	TRUE	FALSE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67700	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2014	10/22/2014	10/22/2014	10/22/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67701	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2014	10/22/2014	10/22/2014	10/22/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67702	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/2014	10/22/2014	10/22/2014	10/22/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67707	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2014	11/04/2014	11/04/2014	11/04/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67708	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2014	11/04/2014	11/04/2014	11/04/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67741	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2014	11/04/2014	11/04/2014	11/04/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67748	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2014	11/04/2014	11/04/2014	11/04/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67749	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2014	11/04/2014	11/04/2014	11/04/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
67750	POC					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/2014	11/04/2014	11/04/2014	11/04/2014		VE	TRUE	TRUE	VEd at TA-55 MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
68001	SWB			S802700, S834395, S852948, S864209	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2013		12/03/2013				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S834395 / Repacked was S852948 / Repacked was S864209 / Repacked was S802700

68002	SWB			53525, S813524, S813533, S851430	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/2013		12/03/2013				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was 53525 / Repacked was S813524 / Repacked was S851430 / Repacked was S813533
68006	SWB			S813535, S813589, S814872, S814892	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2013		09/05/2013		12/16/2013		FALSE	FALSE	P_MT42=No,MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S813535 / Repacked was S813589 / Repacked was S814872 / Repacked was S814892
68008	SWB			55886, S793753, S854658, S864215	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2013		09/04/2013		01/08/2014		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was S854658 / Repacked was 55886 / Repacked was S864215 / Repacked was S793753
68009	SWB	SHIP WCS	04/03/2014	s804917, S813495, S813516, S855610	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2013		09/09/2013				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S855610 / Repacked was s804917 / Repacked was S813495 / Repacked was S813516
68010	SWB			S818460, S818286, S818409, S824684	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2013		09/11/2013		11/10/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was S818460 / Repacked was S818286 / Repacked was S818409 / Repacked was S824684
68011	SWB			S802570, S851707, S862482	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2013		09/12/2013		11/19/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S851707 / Repacked was S862482 / Repacked was S802570
68154	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1995	03/06/2014	03/18/2008	03/06/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 375 was S6066
68155	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/06/2005	03/11/2014	10/06/2005	03/11/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 231 was 62450
68159	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/1993	03/31/2014		03/31/2014			FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd AT 231 was S5193
68160	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/2013	04/08/2014	05/28/2013	04/08/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83 > 50% of MTs = No; Actual_Default_Ventdate=A; HOLD FLAG= - Rpkgd AT 231 was 67195
68161	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/1993	03/30/2014		03/30/2014			FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd AT 231 was S5193
68164	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/21/2014	03/23/2014	01/21/2014	03/23/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= AK HOLD 0028 - Rpkgd at 231 Was 67385
68168	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2012	04/25/2014	08/15/2012	04/25/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83 > 50% of MTs = No; Actual_Default_Ventdate=A; HOLD FLAG= - Rpkgd AT 231 was 66943
68167	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2012	04/26/2014	08/15/2012	04/26/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83 > 50% of MTs = No; Actual_Default_Ventdate=A; HOLD FLAG= - Rpkgd AT 231 was 66943
68170	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	01/23/2014	04/14/2014	01/23/2014	04/14/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd at 231 Was 64662
68171	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2012	04/23/2014	08/15/2012	04/23/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83 > 50% of MTs = No; Actual_Default_Ventdate=A; HOLD FLAG= - Rpkgd AT 231 was 66943
68177	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2012	04/19/2014	08/15/2012	04/19/2014			FALSE	FALSE	MT42=No, MT_83=No, MT_83 > 50% of MTs = No; Actual_Default_Ventdate=A; HOLD FLAG= - Rpkgd AT 231 was 66943
68203	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1988	09/05/2013	12/31/1999	09/05/2013	11/01/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865188 - Rpkgd Was 91438
68206	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1998	09/16/2013	03/19/2008	09/16/2013	12/01/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 57602
68207	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1998	09/16/2013	03/19/2008	09/16/2013	12/01/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 57602
68208	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1999	09/17/2013	03/19/2008	09/17/2013	12/01/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 57604
68209	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1999	09/18/2013	03/19/2008	09/18/2013	11/10/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 57604
68210	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/16/1999	09/19/2013	03/19/2008	09/19/2013	12/01/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 57604
68212	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1998	09/16/2013	03/19/2008	09/16/2013	12/07/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 57602
68226	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2005	11/23/2013	03/20/2005	11/23/2013			FALSE	FALSE	P_MT42=Pu-242 > 1%,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 231 was 62189
68227	SWB	SHIP WCS	04/08/2014		APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2005	11/20/2013	03/20/2005	11/20/2013			FALSE	FALSE	P_MT42=Pu-242 > 1%,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 231 was 62189
68263	SWB	SHIP WCS	04/16/2014		APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	02/18/2014	03/19/2008	02/18/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 55121
68264	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	02/19/2014	03/19/2008	02/19/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 55121
68266	SWB	SHIP WCS	04/04/2014		APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	02/17/2014	03/19/2008	02/17/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 55121
68267	SWB	SHIP WCS	04/04/2014		APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	02/02/2014	03/19/2008	02/02/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 55121
68270	SWB	SHIP WCS	04/08/2014		APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	02/18/2014	03/19/2008	02/18/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 55121
68271	SWB	SHIP WCS	04/15/2014		APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	01/31/2014	03/19/2008	01/31/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 55121
68291	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1989	03/02/2014	01/26/2004	03/02/2014			FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd at 412 Was S891350
68299	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/1993	03/26/2014		03/26/2014			FALSE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd AT 231 was S5193
68476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		10/01/2013	12/31/1999	10/01/2013	12/04/2013		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864318
68477	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400		10/01/2013	12/31/1999	10/01/2013			TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864318
68657	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	01/02/2014	03/27/2007	01/02/2014			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853705
68658	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	12/12/2013	01/26/2004	12/12/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824612
68877	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981	11/25/2013	01/26/2004	11/25/2013			TRUE	FALSE	Not 55-Gal P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S814931
68892	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	01/26/2014	12/31/2001	01/26/2014			FALSE	FALSE	SUSPECTED S3000 — P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd was S833344 which was Overpacked in SB10133 on 070213 - Inner Container Denested from SB10133 on 012714
68763	SWB	SHIP WCS	04/03/2014	S813553, S816411, S816448, S816668	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2013		12/04/2013				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S813553 / Repacked was S816411 / Repacked was S816448 / Repacked was S816668

68830	SWB			S822779, S824077, S825713, S852918	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2013		12/05/2013				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S824077 / Repacked was S852918 / Repacked was S822779 / Repacked was S825713
68845	85GOP					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	12/23/2013	12/31/1999	12/23/2013		OVERPACK	FALSE	FALSE	SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd AT 412 Was S853733 OVERPACK ONLY INTO COMPLIANT 85GOP
68968	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1988	02/22/2014		02/22/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd at 412 Was S2030
68978	55G				APPROVED_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/1989	03/10/2014	01/26/2004	03/10/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd at 412 Was S891390
68979	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/1989	03/10/2014	01/26/2004	03/10/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd at 412 Was S891390
68980	55G				APPROVED_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	03/17/2014	01/26/2004	03/17/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd at 412 Was 68719
68984	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	03/07/2014	01/26/2004	03/07/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd at 412 Was S824498
68987	POC				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/05/2014	01/26/2004	03/05/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd at 412 Was S843558
69012	POC				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/13/2014	01/26/2004	03/13/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864259
69016	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	11/26/2013	01/26/2004	11/26/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832313
69017	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	11/26/2013	01/26/2004	11/26/2013			TRUE	FALSE	Not 55-Gal QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822623
69018	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	12/03/2013	01/26/2004	12/03/2013			TRUE	FALSE	Not 55-Gal QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824128
69021	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981	12/02/2013	01/26/2004	12/02/2013			TRUE	FALSE	Not 55-Gal — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S815142
69023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	12/02/2013	01/26/2004	12/02/2013	01/28/2014		TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813237
69024	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	12/04/2013	01/26/2004	12/04/2013			TRUE	FALSE	Old AK7 Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S803065
69025	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	12/04/2013	01/26/2004	12/04/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825000
69028	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	12/10/2013	01/26/2004	12/10/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851683
69029	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	12/14/2013	01/26/2004	12/14/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853560
69031	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	01/05/2014	01/26/2004	01/05/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813519
69032	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	12/21/2013	01/26/2004	12/21/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824105
69035	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	12/09/2013	01/26/2004	12/09/2013			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S814954
69042	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	12/14/2013	01/26/2004	12/14/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852928
69046	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	12/17/2013	01/26/2004	12/17/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833550
69050	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	12/14/2013	01/26/2004	12/14/2013			TRUE	FALSE	Old AK7 Not 55-Gal QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852019
69054	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	12/13/2013	12/31/2001	12/13/2013			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823269
69055	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	12/11/2013	01/26/2004	12/11/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825017
69057	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	12/13/2013	01/26/2004	12/13/2013			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813373
69059	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	12/12/2013	01/26/2004	12/12/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825773
69062	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	12/18/2013	01/26/2004	12/18/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822943
69065	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	12/20/2013	01/26/2004	12/20/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824413
69070	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	12/18/2013	01/26/2004	12/18/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813596
69071	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	01/02/2014	03/27/2007	01/02/2014			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811731
69072	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	12/18/2013	01/26/2004	12/18/2013			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823019
69082	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	12/21/2013	01/26/2004	12/21/2013			TRUE	FALSE	Not 55-Gal — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824515
69206	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	01/14/2014	01/26/2004	01/14/2014			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802909
69211	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	01/20/2014	12/31/2001	01/20/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832497
69284	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/25/2014	01/26/2004	01/25/2014			TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S842517
69297	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/1985	01/27/2014	01/26/2004	01/27/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852876
69299	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	01/25/2014	01/26/2004	01/25/2014			TRUE	FALSE	Needs Filter, Not 55-Gal QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852016
69325	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	02/01/2014	01/26/2004	02/01/2014			TRUE	FALSE	RPKGD was S818271 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86978
69329	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/01/2014	01/26/2004	02/01/2014			TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S845365
69333	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	01/30/2014	03/27/2007	01/30/2014			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S834720
69348	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002	02/03/2014	01/26/2004	02/03/2014			TRUE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 54840
69349	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	02/03/2014	03/27/2007	02/03/2014			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S803060

69368	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	02/10/2014	01/26/2004	02/10/2014			TRUE	FALSE	P_MT42=MT42 Mix, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S804993
69384	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/07/2014	01/26/2004	02/07/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844296
69388	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	02/06/2014	01/26/2004	02/06/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813366
69400	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/26/2014	03/27/2007	02/26/2014			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= 041114 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 041114 - Rpkgd was S844327
69425	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1994	02/18/2014	01/26/2004	02/18/2014			TRUE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 57003
69429	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	02/20/2014	01/26/2004	02/20/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825896
69432	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	02/17/2014		02/17/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S803124 - Rpkgd was 69038 - Rpkgd was 69350
69436	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011	02/24/2014	01/12/2011	02/24/2014			TRUE	FALSE	*MT_42=Yes, MT_83=No, MT_83 REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD FLAG=* - Rpkgd was 65936
69480	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	02/23/2014	01/26/2004	02/23/2014			TRUE	FALSE	RPKGD was S822684 --- P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 85984 - Rpkgd INTO SB10171 on 082113 Inner Container Denested from SB10171 on 021314 - Rpkgd was 91353
69487	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/2012	02/24/2014	06/05/2012	02/24/2014			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 66471
69494	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	03/02/2014	01/26/2004	03/02/2014			TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S818348
69505	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/02/2014	01/26/2004	03/02/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833291
69509	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1988	03/02/2014		03/02/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 52030
69511	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	03/03/2014	01/26/2004	03/03/2014			TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S884732
69524	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	03/04/2014	01/26/2004	03/04/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813537
69556	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	03/11/2014	01/26/2004	03/11/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S902122
69557	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/13/2014	01/26/2004	03/13/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864259
69569	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/2003	03/13/2014	01/26/2004	03/13/2014			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61701
69593	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/18/2014	12/31/1999	04/18/2014			TRUE	FALSE	SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd was S853322 - Rpkgd was 68855
69827	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/25/2014	12/31/1999	04/25/2014			TRUE	FALSE	SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd was S863071
69908	85GOP					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/03/2014	12/31/1999	04/03/2014		OVERPACK	FALSE	FALSE	SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd AT 412 Was S863070 OVERPACK ONLY INTO COMPLIANT 85GOP
80000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1996	09/13/2007	01/26/2004	09/13/2007	02/27/2008		FALSE	FALSE	RPKGD was 56084 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	09/17/2007	01/26/2006	09/17/2007	03/22/2008		FALSE	FALSE	RPKGD was S682488 Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/19/2007	01/26/2004	09/19/2007	02/27/2008		FALSE	FALSE	RPKGD was S682968 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/1997	09/20/2007	01/26/2004	09/20/2007	05/28/2008		FALSE	FALSE	RPKGD was 55564 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/20/2007	01/26/2004	09/20/2007	03/20/2008		FALSE	FALSE	RPKGD was S662246 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	09/24/2007	01/26/2007	09/24/2007	03/22/2008		FALSE	FALSE	RPKGD was S843805 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/24/2007	01/26/2004	09/24/2007	02/27/2008		FALSE	FALSE	RPKGD was S870488 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80019	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/24/2007	01/26/2004	09/24/2007	04/30/2008		FALSE	FALSE	RPKGD was S870488 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	09/25/2007	01/26/2004	09/25/2007	04/11/2008		FALSE	FALSE	RPKGD was S870484 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	09/25/2007	01/26/2004	09/25/2007	03/15/2008		FALSE	FALSE	RPKGD was S853885 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/26/2007	01/26/2004	09/26/2007	04/05/2008		FALSE	FALSE	RPKGD was S870370 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	09/26/2007	01/26/2004	09/26/2007	02/27/2008		FALSE	FALSE	RPKGD was S843808 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	10/01/2007	01/26/2004	10/01/2007	03/22/2008		FALSE	FALSE	RPKGD was S881821 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	10/01/2007	01/26/2004	10/01/2007	04/11/2008		FALSE	FALSE	RPKGD was S873552 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	10/02/2007	01/26/2004	10/02/2007	05/28/2008		FALSE	FALSE	RPKGD was S881822 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	10/02/2007	01/26/2007	10/02/2007	05/28/2008		FALSE	FALSE	RPKGD was S884561 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1998	10/03/2007	01/26/2004	10/03/2007	03/30/2008	VE	TRUE	FALSE	RPKGD was 56235 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1995	10/03/2007	01/26/2004	10/03/2007	03/30/2008		FALSE	FALSE	RPKGD was 52669 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1995	10/16/2007	01/26/2004	10/16/2007	04/04/2008		FALSE	FALSE	RPKGD was 55811 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80048	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1998	10/18/2007	01/26/2004	10/18/2007	04/30/2008		FALSE	FALSE	RPKGD was 56082 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1998	10/17/2007	01/26/2004	10/17/2007	04/05/2008	VE	TRUE	FALSE	RPKGD was 56226 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1998	10/17/2007	01/26/2004	10/17/2007	03/15/2008	VE	TRUE	FALSE	RPKGD was 56228 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

80054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	10/17/2007	01/26/2004	10/17/2007	04/03/2008	VE	TRUE	FALSE	RPKGD was 56230 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	10/18/2007	01/26/2004	10/18/2007	02/24/2008	VE	TRUE	FALSE	RPKGD was 56229 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1996	10/22/2007	01/26/2004	10/22/2007	04/05/2008	VE	TRUE	FALSE	RPKGD was 56231 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	10/22/2007	01/26/2004	10/22/2007	04/05/2008	VE	TRUE	FALSE	RPKGD was 56232 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	10/23/2007	01/26/2004	10/23/2007	03/30/2008	VE	TRUE	FALSE	RPKGD was 56227 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		10/23/2007	01/26/2004	10/23/2007	03/15/2008	VE	TRUE	FALSE	RPKGD was S911834 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	10/24/2007	01/26/2004	10/24/2007	03/30/2008	VE	TRUE	FALSE	RPKGD was 56238 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1995	10/25/2007	01/26/2004	10/25/2007	03/22/2008		FALSE	FALSE	RPKGD was 55697 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1997	10/25/2007	01/26/2004	10/25/2007	03/30/2008		FALSE	FALSE	RPKGD was 58321 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1996	10/25/2007	01/26/2004	10/25/2007	04/03/2008		FALSE	FALSE	RPKGD was 56258 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1991	10/29/2007	01/26/2004	10/29/2007	03/15/2008		FALSE	FALSE	RPKGD was S910783 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1991	10/29/2007	01/26/2004	10/29/2007	03/15/2008		FALSE	FALSE	RPKGD was S910763 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1991	10/31/2007	01/26/2004	10/31/2007	03/28/2008		FALSE	FALSE	RPKGD was S910776 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1991	11/15/2007	01/26/2004	11/15/2007	04/06/2008		FALSE	FALSE	RPKGD was S910780 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1990	11/15/2007		11/15/2007	03/22/2008		FALSE	FALSE	RPKGD was S910722 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1990	11/26/2007	01/26/2004	11/26/2007	03/22/2008		FALSE	FALSE	RPKGD was S911827 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1989	11/27/2007	01/26/2004	11/27/2007	03/30/2008		FALSE	FALSE	RPKGD was S891326 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80107	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	11/27/2007	01/26/2004	11/27/2007	04/28/2008		FALSE	FALSE	RPKGD was S902111 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	11/27/2007	01/26/2004	11/27/2007	04/10/2008		FALSE	FALSE	RPKGD was S883124 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	11/27/2007	01/26/2004	11/27/2007	04/03/2008		FALSE	FALSE	RPKGD was S900209 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	12/11/2007	01/26/2004	12/11/2007	03/20/2008		FALSE	FALSE	RPKGD was S902133 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/1991	12/11/2007	01/26/2004	12/11/2007	04/28/2008		FALSE	FALSE	RPKGD was S910167 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1990	12/12/2007	01/26/2004	12/12/2007	03/20/2008		FALSE	FALSE	RPKGD was S910730 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/1990	01/02/2008	01/26/2004	01/02/2008	03/22/2008		FALSE	FALSE	RPKGD was S911817 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	01/03/2008	01/26/2004	01/03/2008	03/22/2008		FALSE	FALSE	RPKGD was S870449 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/2004	01/04/2008	01/26/2004	01/04/2008	04/28/2008		FALSE	FALSE	RPKGD was S891504 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/1999	01/08/2008	01/26/2004	01/08/2008	04/04/2008		FALSE	FALSE	RPKGD was 56311 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988	01/08/2008	01/26/2004	01/08/2008	04/03/2008		FALSE	FALSE	RPKGD was S881538 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/09/2008	01/26/2004	01/09/2008	04/04/2008		FALSE	FALSE	RPKGD was S855784 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80144	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	01/09/2008	01/26/2004	01/09/2008	04/03/2008		FALSE	FALSE	RPKGD was S883118 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/21/1999	01/10/2008	01/26/2004	01/10/2008	03/15/2008		FALSE	FALSE	RPKGD was 58100 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80151	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/21/1999	01/10/2008	01/26/2004	01/10/2008	04/30/2008		FALSE	FALSE	RPKGD was 58100 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80152	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/21/1999	01/10/2008	01/26/2004	01/10/2008	04/30/2008		FALSE	FALSE	RPKGD was 58100 (require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/10/2008	01/26/2004	01/10/2008	03/22/2008		FALSE	FALSE	RPKGD was S862377 Old AK7, NDA Fast Scan — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1990	01/11/2008	01/26/2004	01/11/2008	03/30/2008		FALSE	FALSE	RPKGD was S910725 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/11/2008	01/26/2004	01/11/2008	03/30/2008		FALSE	FALSE	RPKGD was S864541 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/11/2008	01/26/2004	01/11/2008	04/03/2008		FALSE	FALSE	RPKGD was S864244 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		01/14/2008	01/26/2004	01/14/2008	03/22/2008		FALSE	FALSE	RPKGD was S911835 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	01/14/2008	01/26/2004	01/14/2008	04/03/2008		FALSE	FALSE	RPKGD was S843803 (require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1991	01/14/2008	01/26/2004	01/14/2008	03/30/2008	VE	TRUE	FALSE	RPKGD was S911200 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/1996	01/15/2008	01/26/2004	01/15/2008	04/06/2008	VE	TRUE	FALSE	RPKGD was 56173 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/1996	01/15/2008	01/26/2004	01/15/2008	03/22/2008	VE	TRUE	FALSE	RPKGD was 56257 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2004	01/15/2008	01/26/2004	01/15/2008	03/30/2008	VE	TRUE	FALSE	RPKGD was S910765 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1998	01/15/2008	01/26/2004	01/15/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was 57760 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

80178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1998	01/16/2008	01/26/2004	01/16/2008	04/04/2008	VE	TRUE	FALSE	RPKGD was 56135 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1997	01/16/2008	01/26/2004	01/16/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was 56385 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1997	01/16/2008	01/26/2004	01/16/2008	03/30/2008	VE	TRUE	FALSE	RPKGD was 56385 Old AK 7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1995	01/16/2008	01/26/2004	01/16/2008	03/30/2008	VE	TRUE	FALSE	RPKGD was 55974 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	01/18/2008	01/26/2004	01/18/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was S902110 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1995	01/19/2008	01/26/2004	01/18/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was 55949 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1997	01/19/2008	01/26/2004	01/19/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was 56369 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	01/19/2008	01/26/2004	01/19/2008	04/19/2008		FALSE	FALSE	RPKGD was S843802 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	01/19/2008	01/26/2004	01/19/2008	04/03/2008		FALSE	FALSE	RPKGD was S870483 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1996	01/21/2008	01/26/2004	01/21/2008	04/04/2008	VE	TRUE	FALSE	RPKGD was 56175 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	01/21/2008	01/26/2004	01/21/2008	04/04/2008	VE	TRUE	FALSE	RPKGD was S814972 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1995	01/21/2008	01/26/2004	01/21/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 55830 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80201	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1998	01/22/2008	01/26/2004	01/22/2008	04/06/2008	VE	TRUE	FALSE	RPKGD was 57101 Old AK — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1990	01/22/2008	01/26/2004	01/22/2008	04/06/2008	VE	TRUE	FALSE	RPKGD was S902127 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1989	01/23/2008	01/26/2004	01/23/2008	04/09/2008	VE	TRUE	FALSE	RPKGD was S891419 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1998	01/23/2008	01/26/2004	01/23/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was 56128 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1989	01/23/2008	01/26/2004	01/23/2008	04/06/2008	VE	TRUE	FALSE	RPKGD was S891530 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1988	01/23/2008	01/26/2004	01/23/2008	04/04/2008	VE	TRUE	FALSE	RPKGD was S881556 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/1990	01/24/2008	01/26/2004	01/24/2008	04/06/2008	VE	TRUE	FALSE	RPKGD was S902115 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/1994	01/24/2008	01/26/2004	01/24/2008	04/08/2008	VE	TRUE	FALSE	RPKGD was 55182 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80217	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	01/24/2008	01/26/2004	01/24/2008	04/30/2008	VE	TRUE	TRUE	RPKGD was 55182 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	01/24/2008	01/26/2004	01/24/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 55182 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	01/25/2008	01/26/2004	01/25/2008	03/22/2008		FALSE	FALSE	RPKGD was S840797 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	01/25/2008	01/26/2004	01/25/2008	03/22/2008		FALSE	FALSE	RPKGD was S843801 (require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/25/2008	01/26/2004	01/25/2008	03/15/2008		FALSE	FALSE	RPKGD was S855678 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80227	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1990	01/25/2008	01/26/2004	01/25/2008	04/30/2008		FALSE	FALSE	RPKGD was S911830 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1998	01/28/2008	01/26/2004	01/28/2008	04/04/2008		FALSE	FALSE	RPKGD was S902263 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/28/2008	01/26/2004	01/28/2008	04/03/2008		FALSE	FALSE	RPKGD was S862902 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	01/28/2008	01/26/2004	01/28/2008	04/04/2008		FALSE	FALSE	RPKGD was S853478 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/1999	01/28/2008	01/26/2004	01/28/2008	04/28/2008		FALSE	FALSE	RPKGD was 80095 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	01/29/2008	01/26/2004	01/29/2008	04/04/2008		FALSE	FALSE	RPKGD was S883107 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1989	01/29/2008	01/26/2004	01/29/2008	04/03/2008		FALSE	FALSE	RPKGD was S900214 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2008	01/29/2008	01/26/2004	01/29/2008	05/30/2008		FALSE	FALSE	RPKGD was S900214 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1989	01/29/2008	01/26/2004	01/29/2008	03/30/2008		FALSE	FALSE	RPKGD was S891271 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80245	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	01/30/2008	01/26/2004	01/30/2008	04/30/2008		FALSE	FALSE	RPKGD was S853820 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	01/30/2008	01/26/2004	01/30/2008	05/25/2008		FALSE	FALSE	RPKGD was S864542 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80248	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	01/30/2008	01/26/2004	01/30/2008	04/30/2008		FALSE	FALSE	RPKGD was S864542 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80249	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	02/15/2008	01/26/2004	02/15/2008	05/22/2008	VE	TRUE	TRUE	RPKGD was S864542 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80250	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	02/15/2008	01/26/2004	02/15/2008	05/22/2008	VE	TRUE	TRUE	RPKGD was S864542 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1988	01/30/2008	01/26/2004	01/30/2008	04/19/2008		FALSE	FALSE	RPKGD was S902360 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	01/30/2008	01/26/2004	01/30/2008	04/03/2008		FALSE	FALSE	RPKGD was S862373 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989	01/31/2008	01/26/2004	01/31/2008	03/30/2008		FALSE	FALSE	RPKGD was S900216 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989	01/31/2008	01/26/2004	01/31/2008	04/06/2008		FALSE	FALSE	RPKGD was S900216 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

80260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	01/31/2008	01/26/2004	01/31/2008	04/04/2008		FALSE	FALSE	RPKGD was S864583 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1989	02/01/2008	01/26/2004	02/01/2008	04/06/2008		FALSE	FALSE	RPKGD was S902276 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80264	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1989	02/01/2008	01/26/2004	02/01/2008	04/30/2008		FALSE	FALSE	RPKGD was S902276 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/01/2008	01/26/2004	02/01/2008	04/03/2008		FALSE	FALSE	RPKGD was S862402 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/01/2008	01/26/2004	02/01/2008	04/03/2008		FALSE	FALSE	RPKGD was S862252 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/01/2008	01/26/2004	02/01/2008	04/03/2008		FALSE	FALSE	RPKGD was S862252 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/01/2008	01/26/2004	02/01/2008	04/03/2008		FALSE	FALSE	RPKGD was S862252 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	02/02/2008	01/26/2004	02/02/2008	04/11/2008	VE	TRUE	FALSE	RPKGD was 56233 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80274	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	02/02/2008	01/26/2004	02/02/2008	04/30/2008	VE	TRUE	TRUE	RPKGD was 56233 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989	02/02/2008	01/26/2004	02/02/2008	04/05/2008		FALSE	FALSE	RPKGD was S900213 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1997	02/04/2008	01/26/2004	02/04/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 56349 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1997	02/04/2008	01/26/2004	02/04/2008	04/09/2008	VE	TRUE	FALSE	RPKGD was 56349 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1997	02/04/2008	01/26/2004	02/04/2008	04/10/2008	VE	TRUE	FALSE	RPKGD was 56349 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1997	02/04/2008	01/26/2004	02/04/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 56349 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1997	02/04/2008	01/26/2004	02/04/2008	04/09/2008	VE	TRUE	FALSE	RPKGD was 56349 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	02/05/2008	01/26/2004	02/05/2008	04/04/2008		FALSE	FALSE	RPKGD was S870448 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	02/05/2008	01/26/2004	02/05/2008	04/04/2008		FALSE	FALSE	RPKGD was S870448 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/06/2008	01/26/2004	02/06/2008	04/06/2008		FALSE	FALSE	RPKGD was S862253 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/06/2008	01/26/2004	02/06/2008	04/06/2008		FALSE	FALSE	RPKGD was S862253 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1995	02/06/2008	01/26/2004	02/06/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was 55834 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1995	02/06/2008	01/26/2004	02/06/2008	04/04/2008	VE	TRUE	FALSE	RPKGD was 55567 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80295	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1995	02/06/2008	01/26/2004	02/06/2008	04/30/2008	VE	TRUE	TRUE	RPKGD was 55567 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1995	02/07/2008	01/26/2004	02/07/2008	04/04/2008	VE	TRUE	FALSE	RPKGD was 55912 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80298	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1995	02/07/2008	01/26/2004	02/07/2008	04/30/2008	VE	TRUE	TRUE	RPKGD was 55912 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80299	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1995	02/07/2008	01/26/2004	02/07/2008	04/30/2008	VE	TRUE	TRUE	RPKGD was 55912 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	02/07/2008	01/26/2004	02/07/2008	05/30/2008		FALSE	FALSE	RPKGD was 55404 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	02/07/2008	01/26/2004	02/07/2008	04/03/2008		FALSE	FALSE	RPKGD was 55404 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1995	02/08/2008	01/26/2004	02/08/2008	04/08/2008	VE	TRUE	FALSE	RPKGD was 55636 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/23/1996	02/08/2008	01/26/2004	02/08/2008	04/10/2008	VE	TRUE	FALSE	RPKGD was 55987 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1995	02/08/2008	01/26/2004	02/08/2008	03/30/2008	VE	TRUE	FALSE	RPKGD was 55803 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	04/09/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	04/09/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	04/10/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	04/09/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	03/30/2008	VE	TRUE	FALSE	RPKGD was 56398 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	04/10/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	05/30/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/2004	02/09/2008	01/26/2004	02/09/2008	04/19/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	04/10/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/24/1997	02/09/2008	01/26/2004	02/09/2008	04/06/2008	VE	TRUE	FALSE	RPKGD was 56398 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	02/11/2008	01/26/2004	02/11/2008	04/04/2008		FALSE	FALSE	RPKGD was S863717 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	02/11/2008	01/26/2004	02/11/2008	04/06/2008	VE	TRUE	FALSE	RPKGD was 55174 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/12/2008	01/26/2004	02/12/2008	04/06/2008		FALSE	FALSE	RPKGD was S855322 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1996	02/12/2008	01/26/2004	02/12/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 56198 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

80330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/1995	02/12/2008		02/12/2008	04/03/2008	VE	TRUE	FALSE	RPKGD was 55868 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1998	02/13/2008	01/26/2004	02/13/2008	04/08/2008	VE	TRUE	FALSE	RPKGD was 80076 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1990	02/13/2008	01/26/2004	02/13/2008	04/08/2008	VE	TRUE	FALSE	RPKGD was 80120 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80336	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2003	02/13/2008	01/26/2004	02/13/2008	05/22/2008	VE	TRUE	TRUE	RPKGD was 61220 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2003	02/13/2008	01/26/2004	02/13/2008	04/18/2008	VE	TRUE	FALSE	RPKGD was 61220 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		02/14/2008	01/26/2004	02/14/2008	04/10/2008	VE	TRUE	FALSE	RPKGD was 80148 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1989	02/14/2008	01/26/2004	02/14/2008	04/05/2008	VE	TRUE	FALSE	RPKGD was 80146 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1998	02/14/2008	01/26/2004	02/14/2008	04/05/2008	VE	TRUE	FALSE	RPKGD was 80047 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1990	02/14/2008	01/26/2004	02/14/2008	04/11/2008	VE	TRUE	FALSE	RPKGD was 80130 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/2008	02/19/2008	01/26/2004	02/19/2008	04/10/2008	VE	TRUE	FALSE	RPKGD was 80255 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/19/2008	01/26/2004	02/19/2008	04/24/2008	VE	TRUE	FALSE	RPKGD was 80268 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/1990	02/21/2008	01/26/2004	02/21/2008	04/24/2008	VE	TRUE	FALSE	RPKGD was S911815 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	02/21/2008	01/26/2004	02/21/2008	04/18/2008	VE	TRUE	FALSE	RPKGD was 80261 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	02/22/2008	01/26/2004	02/22/2008	05/28/2008	VE	TRUE	FALSE	RPKGD was 80244 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1990	02/22/2008	01/14/2003	02/22/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 80138 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1990	02/22/2008	01/14/2003	02/22/2008	05/28/2008	VE	TRUE	FALSE	RPKGD was 80136 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1990	02/22/2008	01/14/2003	02/22/2008	04/24/2008	VE	TRUE	FALSE	RPKGD was 80136 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80372	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1990	02/22/2008	01/14/2003	02/22/2008	05/22/2008	VE	TRUE	TRUE	RPKGD was 80136 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/22/2008	01/26/2004	02/22/2008	04/18/2008	VE	TRUE	FALSE	RPKGD was 80091 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/22/2008	01/26/2004	02/22/2008	05/28/2008	VE	TRUE	FALSE	RPKGD was 80267 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/22/2008	01/26/2004	02/22/2008	04/18/2008	VE	TRUE	FALSE	RPKGD was 80267 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005	03/10/2008	07/31/2006	03/10/2008	02/15/2009		FALSE	FALSE	RPKGD was 62486 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/1995	03/11/2008		03/11/2008	09/02/2008		FALSE	FALSE	RPKGD was 55845 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/12/2008	01/26/2004	03/12/2008	09/27/2008		FALSE	FALSE	RPKGD was S855776 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/13/2008	01/26/2004	03/13/2008	04/27/2008	VE	TRUE	FALSE	RPKGD was 80326 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/13/2008	01/26/2004	03/13/2008	04/27/2008	VE	TRUE	FALSE	RPKGD was 80326 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1990	03/13/2008	01/26/2004	03/13/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 80347 Old AK7 — P_MT42=Yes,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1990	03/13/2008	01/26/2004	03/13/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 80347 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	03/17/2008	01/26/2004	03/17/2008	04/28/2008	VE	TRUE	FALSE	RPKGD was 80375 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	03/17/2008	01/26/2004	03/17/2008	04/27/2008	VE	TRUE	FALSE	RPKGD was 80375 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/24/1991	03/17/2008	01/26/2004	03/17/2008	05/30/2008		FALSE	FALSE	RPKGD was S911203 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	03/18/2008	01/26/2004	03/18/2008	05/25/2008		FALSE	FALSE	RPKGD was S883109 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80412	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	03/18/2008	01/26/2004	03/18/2008	10/26/2009		FALSE	FALSE	RPKGD was S883109 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	03/18/2008	01/26/2004	03/18/2008	03/17/2009		FALSE	FALSE	RPKGD was S883719 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1998	03/24/2008	01/26/2004	03/24/2008	09/30/2008	VE	TRUE	FALSE	RPKGD was 56926 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1988	03/25/2008	01/26/2004	03/25/2008	11/21/2008	VE	TRUE	FALSE	RPKGD was S892967 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1988	03/25/2008	01/26/2004	03/25/2008	11/21/2008	VE	TRUE	FALSE	RPKGD was S892965 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1990	03/25/2008	01/26/2004	03/25/2008	11/21/2008	VE	TRUE	FALSE	RPKGD was S902131 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	03/26/2008	07/31/2006	03/26/2008	09/30/2008		FALSE	FALSE	RPKGD was 63490 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2006	03/26/2008	12/14/2006	03/26/2008	09/30/2008		FALSE	FALSE	RPKGD was 63214 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1998	03/26/2008	01/26/2004	03/26/2008	09/05/2008		FALSE	FALSE	RPKGD was S883115 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	03/26/2008	01/26/2004	03/26/2008	10/04/2011		FALSE	FALSE	RPKGD was S634430 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	03/27/2008	01/26/2004	03/27/2008	09/08/2008		FALSE	FALSE	RPKGD was S841317 (Require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80435	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/2004	03/27/2008	01/26/2004	03/27/2008	09/30/2008		FALSE	FALSE	RPKGD was S841317 (Require Overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

80437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/31/2008	01/26/2004	03/31/2008	09/28/2012	VE	TRUE	FALSE	RPKGD was S841610 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80438	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/31/2008	01/26/2004	03/31/2008	01/27/2010	VE	TRUE	TRUE	RPKGD was S841610 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2004	04/03/2008	01/26/2004	04/03/2008	09/05/2008		FALSE	FALSE	RPKGD was 52533 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1989	04/03/2008		04/03/2008	09/06/2008		FALSE	FALSE	RPKGD was 52130 (Require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1989	04/03/2008		04/03/2008	09/06/2008		FALSE	FALSE	RPKGD was 52547 (Require Overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/1990	04/07/2008	01/26/2004	04/07/2008	09/06/2008		FALSE	FALSE	RPKGD was 52958 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/1988	04/07/2008		04/07/2008	09/06/2008		FALSE	FALSE	RPKGD was 53031 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	04/08/2008		04/08/2008	10/09/2008		FALSE	FALSE	RPKGD was 53590 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1988	04/08/2008	01/26/2004	04/08/2008	10/13/2008		FALSE	FALSE	RPKGD was 53119 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1991	04/09/2008		04/09/2008	02/15/2009		FALSE	FALSE	RPKGD was 54325 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80475	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1991	04/09/2008		04/09/2008	03/31/2012		FALSE	FALSE	RPKGD was 54325 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1990	04/09/2008	03/14/2003	04/09/2008	02/15/2009		FALSE	FALSE	RPKGD was 53909 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/1990	04/09/2008	01/26/2004	04/09/2008	09/05/2008		FALSE	FALSE	RPKGD was 53952 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1991	04/10/2008	01/26/2004	04/10/2008	09/06/2008		FALSE	FALSE	RPKGD was 54906 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994	04/10/2008	01/26/2004	04/10/2008	03/17/2009		FALSE	FALSE	RPKGD was S5423 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80489	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1990	04/10/2008	01/26/2004	04/10/2008	10/09/2008		FALSE	FALSE	RPKGD was 54970 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2000	04/10/2008	01/26/2004	04/10/2008	10/09/2008		FALSE	FALSE	RPKGD was 57736 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	04/14/2008	03/13/2003	04/14/2008	03/17/2009		FALSE	FALSE	RPKGD was 59153 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001	04/14/2008	07/31/2006	04/14/2008	03/17/2009		FALSE	FALSE	RPKGD was 58187 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003	04/14/2008	07/31/2006	04/14/2008	03/06/2009		FALSE	FALSE	RPKGD was 60131 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/2001	04/15/2008	01/26/2004	04/15/2008	09/18/2008		FALSE	FALSE	RPKGD was 59053 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	04/15/2008	01/26/2004	04/15/2008	11/06/2008		FALSE	FALSE	RPKGD was 60827 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	04/15/2008	01/26/2004	04/15/2008	02/15/2009		FALSE	FALSE	RPKGD was 60493 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	04/15/2008	01/26/2004	04/15/2008	09/06/2008		FALSE	FALSE	RPKGD was 60714 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	04/16/2008	01/26/2004	04/16/2008	10/11/2008		FALSE	FALSE	RPKGD was 60890 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80517	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	04/16/2008	01/26/2004	04/16/2008	08/08/2010		FALSE	FALSE	RPKGD was 60890 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/16/2008	01/26/2004	04/16/2008	11/06/2008		FALSE	FALSE	RPKGD was 60919 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/16/2008	01/26/2004	04/16/2008	11/04/2008		FALSE	FALSE	RPKGD was 61080 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	04/16/2008	01/26/2004	04/16/2008	10/13/2008		FALSE	FALSE	RPKGD was 61164 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	04/16/2008	05/06/2003	04/16/2008	03/31/2012		FALSE	FALSE	RPKGD was 60897 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005	04/17/2008	07/31/2006	04/17/2008	03/06/2009		FALSE	FALSE	RPKGD was 62281 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2004	04/17/2008	07/31/2006	04/17/2008	09/06/2008		FALSE	FALSE	RPKGD was 62645 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80531	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2005	04/17/2008	07/31/2006	04/17/2008	02/15/2009		FALSE	FALSE	RPKGD was 62295 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2004	04/17/2008	07/31/2006	04/17/2008	02/02/2010		FALSE	FALSE	RPKGD was 62644 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2005	04/17/2008	07/31/2006	04/17/2008	04/28/2009		FALSE	FALSE	RPKGD was 62200 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/28/2006	04/21/2008	12/14/2006	04/21/2008	03/17/2009		FALSE	FALSE	RPKGD was 62881 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1996	04/22/2008	01/26/2004	04/22/2008	02/15/2009		FALSE	FALSE	RPKGD was 55930 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	04/22/2008	01/26/2004	04/22/2008	10/11/2008		FALSE	FALSE	RPKGD was S834600 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005	04/22/2008	07/31/2006	04/22/2008	02/15/2009		FALSE	FALSE	RPKGD was 62651 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/24/1997	04/28/2008	01/26/2004	04/28/2008	03/06/2009		FALSE	FALSE	RPKGD was 54831 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2003	04/29/2008	01/26/2004	04/29/2008	09/30/2008		FALSE	FALSE	RPKGD was 60645 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	04/29/2008	01/26/2004	04/29/2008	02/15/2009		FALSE	FALSE	RPKGD was 60782 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/05/2008	12/31/2001	05/05/2008	02/07/2009		FALSE	FALSE	RPKGD was S870247 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005	05/05/2008	07/31/2006	05/05/2008	09/15/2008		FALSE	FALSE	RPKGD was 62427 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

80571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/2005	05/05/2008	07/31/2008	05/05/2008	02/15/2009		FALSE	FALSE	RPKGD was 63460 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	05/05/2008	07/31/2008	05/05/2008	09/30/2008		FALSE	FALSE	RPKGD was 61923 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1987	05/07/2008	01/26/2004	05/07/2008	09/17/2008		FALSE	FALSE	RPKGD was 53132 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1989	05/07/2008		05/07/2008	04/23/2009		FALSE	FALSE	RPKGD was 52584 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80584	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	05/08/2008		05/08/2008	10/26/2009		FALSE	FALSE	RPKGD was 52423 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003	05/08/2008	07/31/2008	05/08/2008	03/06/2009		FALSE	FALSE	RPKGD was 61282 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80587	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003	05/08/2008	07/31/2008	05/08/2008	08/10/2009		FALSE	FALSE	RPKGD was 61282 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	05/08/2008	01/26/2004	05/08/2008	02/15/2009		FALSE	FALSE	RPKGD was 60788 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1997	05/12/2008	01/26/2004	05/12/2008	06/04/2009		FALSE	FALSE	RPKGD was 56544 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	05/12/2008	01/26/2004	05/12/2008	07/21/2009		FALSE	FALSE	RPKGD was S813343 (require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80596	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	05/12/2008	01/26/2004	05/12/2008	07/16/2009		FALSE	FALSE	RPKGD was S813343 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003	05/12/2008	07/31/2008	05/12/2008	06/04/2009		FALSE	FALSE	RPKGD was 59736 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1997	05/12/2008	01/26/2004	05/12/2008	07/08/2012		FALSE	FALSE	RPKGD was 56655 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1992	05/13/2008		05/13/2008	06/04/2009		FALSE	FALSE	RPKGD was 55957 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1987	05/14/2008		05/14/2008	10/11/2008		FALSE	FALSE	RPKGD was 53171 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1994	05/14/2008	01/26/2004	05/14/2008	09/14/2008		FALSE	FALSE	RPKGD was 61017 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/19/2008	01/26/2004	05/19/2008	07/23/2009		FALSE	FALSE	RPKGD was S824563 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	05/19/2008	01/26/2004	05/19/2008	04/28/2009		FALSE	FALSE	RPKGD was S815303 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2006	05/19/2008	09/05/2006	05/19/2008	06/30/2009		FALSE	FALSE	RPKGD was 63230 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	05/19/2008	01/26/2004	05/19/2008	02/12/2009		FALSE	FALSE	RPKGD was S816827 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	05/19/2008	01/26/2004	05/19/2008	02/15/2009		FALSE	FALSE	RPKGD was S822856 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	05/21/2008	01/26/2004	05/21/2008	10/01/2008		FALSE	FALSE	RPKGD was S823037 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	05/21/2008	01/26/2004	05/21/2008	02/20/2009		FALSE	FALSE	RPKGD was S811709 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	05/21/2008	01/26/2004	05/21/2008	09/30/2008		FALSE	FALSE	RPKGD was S825791 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	05/21/2008	01/26/2004	05/21/2008	03/05/2009	VE	TRUE	FALSE	RPKGD was S833226 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	05/27/2008	01/26/2004	05/27/2008	09/30/2008	VE	TRUE	FALSE	RPKGD was S841333 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	05/27/2008	01/26/2004	05/27/2008	11/09/2008		FALSE	FALSE	RPKGD was S818340 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1990	05/28/2008	01/26/2004	05/28/2008	03/11/2009		FALSE	FALSE	RPKGD was 52349 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/1988	05/28/2008	01/26/2004	05/28/2008	09/30/2008		FALSE	FALSE	RPKGD was 53434 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80658	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/1998	05/28/2008	01/26/2004	05/28/2008	07/16/2009		FALSE	FALSE	RPKGD was 53434 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/1989	05/29/2008		05/29/2008	10/01/2008	VE	TRUE	FALSE	RPKGD was 52825 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1990	06/04/2008		06/04/2008	11/09/2008		FALSE	FALSE	RPKGD was 54323 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1991	06/04/2008	01/26/2004	06/04/2008	02/15/2009		FALSE	FALSE	RPKGD was 54723 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/30/1992	06/04/2008	01/26/2004	06/04/2008	11/09/2008		FALSE	FALSE	RPKGD was 54783 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/05/2008	01/26/2004	06/05/2008	02/07/2009		FALSE	FALSE	RPKGD was S853313 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	06/05/2008	01/26/2004	06/05/2008	03/05/2009		FALSE	FALSE	RPKGD was S842218 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1991	06/09/2008	01/26/2004	06/09/2008	03/06/2009		FALSE	FALSE	RPKGD was 52414 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1987	06/09/2008		06/09/2008	02/15/2009		FALSE	FALSE	RPKGD was 53209 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1989	06/09/2008	01/26/2004	06/09/2008	02/07/2009		FALSE	FALSE	RPKGD was 52543 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/09/2008	01/26/2004	06/09/2008	02/07/2009		FALSE	FALSE	RPKGD was S860168 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1988	06/09/2008		06/09/2008	02/15/2009		FALSE	FALSE	RPKGD was 53587 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

80688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	06/10/2008	01/26/2004	06/10/2008	03/05/2009		FALSE	FALSE	RPKGD was 59280 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/1990	06/10/2008	01/26/2004	06/10/2008	03/11/2009		FALSE	FALSE	RPKGD was 53923 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1990	06/10/2008	01/26/2004	06/10/2008	02/06/2009		FALSE	FALSE	RPKGD was 60612 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/10/2008	01/26/2004	06/10/2008	03/06/2009		FALSE	FALSE	RPKGD was 60972 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1989	06/18/2008	01/26/2004	06/18/2008	06/02/2009		FALSE	FALSE	RPKGD was 52359 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1989	06/18/2008	01/26/2004	06/18/2008	02/07/2009		FALSE	FALSE	RPKGD was 52860 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1990	06/17/2008	01/26/2004	06/17/2008	03/06/2009		FALSE	FALSE	RPKGD was 52397 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	06/17/2008	01/26/2004	06/17/2008	03/06/2009		FALSE	FALSE	RPKGD was 52396 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1990	06/18/2008	01/26/2004	06/18/2008	03/06/2009		FALSE	FALSE	RPKGD was 52406 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1987	06/18/2008		06/18/2008	06/18/2009	VE	TRUE	FALSE	RPKGD was 53008 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1990	06/18/2008		06/18/2008	01/29/2009		FALSE	FALSE	RPKGD was 54139 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	06/18/2008	01/26/2004	06/18/2008	04/21/2009		FALSE	FALSE	RPKGD was S825819 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981	06/19/2008	01/26/2004	06/19/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 60831 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80719	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981	06/19/2008	01/26/2005	06/19/2008	06/10/2009	VE	TRUE	FALSE	RPKGD was 60831 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80720	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/2004	06/19/2008	01/26/2004	06/19/2008	06/10/2009	VE	TRUE	FALSE	RPKGD was 60831 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	06/19/2008	01/26/2004	06/19/2008	03/06/2009		FALSE	FALSE	RPKGD was 61109 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	06/23/2008		06/23/2008	03/05/2009		FALSE	FALSE	RPKGD was 53595 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80725	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	06/23/2008		06/23/2008	07/05/2009		FALSE	FALSE	RPKGD was 53595 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1988	06/23/2008	01/26/2004	06/23/2008	08/19/2009		FALSE	FALSE	RPKGD was 59268 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80728	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1988	06/23/2008	01/26/2004	06/23/2008	07/16/2009		FALSE	FALSE	RPKGD was 59268 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80730	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1988	06/23/2008	01/26/2004	06/23/2008	11/05/2008		FALSE	FALSE	RPKGD was 53144 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1988	06/24/2008		06/24/2008	11/09/2008		FALSE	FALSE	RPKGD was 53559 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/1987	06/24/2008	01/26/2004	06/24/2008	03/06/2009		FALSE	FALSE	RPKGD was 53222 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/25/2008	01/26/2004	06/25/2008	02/06/2009		FALSE	FALSE	RPKGD was S841629 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80740	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1993	06/25/2008	01/26/2004	06/25/2008	01/30/2009	VE	TRUE	FALSE	RPKGD was 54797 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	06/26/2008	01/26/2006	06/26/2008	03/06/2009		FALSE	FALSE	RPKGD was S818356 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/1992	06/26/2008	01/26/2004	06/26/2008	04/13/2012		FALSE	FALSE	RPKGD was 54733 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/1989	06/26/2008	01/26/2004	06/26/2008	06/18/2009		FALSE	FALSE	RPKGD was 52064 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/1995	06/30/2008		06/30/2008	11/09/2008		FALSE	FALSE	RPKGD was 55878 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/30/2008	12/10/2002	06/30/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 60406 --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1989	06/30/2008		06/30/2008	02/12/2009		FALSE	FALSE	RPKGD was 52192 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/1991	06/30/2008	10/02/2003	06/30/2008	02/12/2009		FALSE	FALSE	RPKGD was 52955 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1991	07/01/2008		07/01/2008	02/15/2009		FALSE	FALSE	RPKGD was 54711 (require overpacking --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80766	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1990	07/01/2008		07/01/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 52921 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1987	07/01/2008	01/26/2004	07/01/2008	01/29/2009		FALSE	FALSE	RPKGD was 53224 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/1990	07/01/2008	01/26/2004	07/01/2008	01/29/2009		FALSE	FALSE	RPKGD was 52992 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/02/2008	01/26/2004	07/02/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was S843574 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80773	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/02/2008	01/26/2004	07/02/2008	06/10/2009	VE	TRUE	TRUE	RPKGD was S843574 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	07/02/2008	01/26/2004	07/02/2008	02/15/2009		FALSE	FALSE	RPKGD was S844712 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	06/25/2008	01/26/2004	06/25/2008	08/19/2009		FALSE	FALSE	RPKGD was 60907 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1989	06/26/2008	01/26/2004	06/26/2008	09/13/2010		FALSE	FALSE	RPKGD was 52582 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1993	07/07/2008	01/26/2004	07/07/2008	02/20/2009		FALSE	FALSE	RPKGD was 55215 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	07/07/2008	01/26/2004	07/07/2008	02/12/2009		FALSE	FALSE	RPKGD was S863694 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	07/07/2008		07/07/2008	04/21/2009		FALSE	FALSE	RPKGD was S862272 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

80787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	07/07/2008	01/26/2004	07/07/2008	02/12/2009		FALSE	FALSE	RPKGD was S844010 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1994	07/08/2008	01/26/2004	07/08/2008	02/12/2009		FALSE	FALSE	RPKGD was 55184 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1993	07/08/2008	01/26/2004	07/08/2008	01/29/2009		FALSE	FALSE	RPKGD was 54884 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1992	07/08/2008		07/08/2008	02/20/2009		FALSE	FALSE	RPKGD was 54713 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1992	07/09/2008	01/26/2004	07/09/2008	01/29/2009		FALSE	FALSE	RPKGD was 54762 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1993	07/09/2008	01/26/2004	07/09/2008	04/28/2009		FALSE	FALSE	RPKGD was 55163 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	07/09/2008	01/26/2004	07/09/2008	02/06/2009		FALSE	FALSE	RPKGD was 61085 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	07/10/2008	01/26/2004	07/10/2008	02/20/2009		FALSE	FALSE	RPKGD was S803598 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	07/10/2008	01/26/2004	07/10/2008	03/11/2009		FALSE	FALSE	RPKGD was S813305 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1993	07/10/2008	01/26/2004	07/10/2008	02/12/2009		FALSE	FALSE	RPKGD was 54897 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/1995	07/10/2008		07/10/2008	03/06/2009		FALSE	FALSE	RPKGD was 55870 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/1993	07/21/2008	01/26/2004	07/21/2008	03/06/2009		FALSE	FALSE	RPKGD was 55290 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2004	07/21/2008	01/26/2004	07/21/2008	02/07/2009		FALSE	FALSE	RPKGD was 55493 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1993	07/29/2008	01/26/2004	07/29/2008	08/19/2009		FALSE	FALSE	RPKGD was 55230 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	07/29/2008		07/29/2008	03/05/2009		FALSE	FALSE	RPKGD was S802957 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1994	07/29/2008	01/24/2006	07/29/2008	01/29/2009		FALSE	FALSE	RPKGD was 55509 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/1994	07/29/2008	01/26/2004	07/29/2008	08/19/2009		FALSE	FALSE	RPKGD was 55507 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1994	07/29/2008	01/26/2004	07/29/2008	01/29/2009		FALSE	FALSE	RPKGD was 55255 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	07/30/2008	01/26/2004	07/30/2008	02/06/2009		FALSE	FALSE	RPKGD was S844237 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/1995	07/30/2008	01/26/2004	07/30/2008	03/11/2009		FALSE	FALSE	RPKGD was 55850 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/1995	07/30/2008	01/26/2004	07/30/2008	03/06/2009		FALSE	FALSE	RPKGD was 55847 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1995	07/30/2008	01/26/2004	07/30/2008	08/19/2009		FALSE	FALSE	RPKGD was 55829 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	07/30/2008	01/26/2004	07/30/2008	04/28/2009		FALSE	FALSE	RPKGD was S844252 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1994	07/31/2008	01/26/2004	07/31/2008	02/12/2009		FALSE	FALSE	*RPKGD was 55481 (require overpacking)* — *P_MT42=No,MT_83=No,MT_83_REPORTED* > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1993	07/31/2008	01/26/2004	07/31/2008	08/19/2009		FALSE	FALSE	RPKGD was 55281 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1988	07/31/2008	01/26/2004	07/31/2008	08/19/2009		FALSE	FALSE	RPKGD was 53527 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1987	08/04/2008		08/04/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 53319 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/1988	08/04/2008	01/26/2004	08/04/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 53468 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/23/1987	08/05/2008	01/26/2004	08/05/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was 53180 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	08/05/2008		08/05/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 53842 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1990	08/05/2008		08/05/2008	03/11/2009	VE	TRUE	FALSE	RPKGD was 53908 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1990	08/06/2008	01/26/2004	08/06/2008	03/11/2009	VE	TRUE	FALSE	RPKGD was 54909 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	08/06/2008	01/26/2004	08/06/2008	01/30/2009	VE	TRUE	FALSE	RPKGD was 61016 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	08/06/2008	01/26/2004	08/06/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was S870374 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/1995	08/06/2008		08/06/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 55485 — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	08/07/2008	01/26/2004	08/07/2008	03/11/2009	VE	TRUE	FALSE	RPKGD was 55505 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1980	08/07/2008	01/26/2004	08/07/2008	01/30/2009	VE	TRUE	FALSE	RPKGD was S802975 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/1995	09/04/2008	01/26/2004	09/04/2008	01/30/2009	VE	TRUE	FALSE	RPKGD was 55538 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/1988	09/15/2008	01/26/2004	09/15/2008	06/04/2009	VE	TRUE	FALSE	RPKGD was 53413 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/1992	09/15/2008	01/26/2004	09/15/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 54756 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	09/17/2008	01/26/2004	09/17/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was S803198 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/1993	09/18/2008	01/26/2004	09/18/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 54597 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1991	09/18/2008	01/26/2004	09/18/2008	02/28/2010	VE	TRUE	FALSE	RPKGD was 54702 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1991	09/18/2008		09/18/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 54383 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

80888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	09/22/2008	01/26/2004	09/22/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 5862285 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1998	09/22/2008	01/26/2004	09/22/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 53046 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1991	09/22/2008	01/26/2004	09/22/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 54431 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1987	09/23/2008	01/26/2004	09/23/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 53140 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	09/23/2008	01/26/2004	09/23/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was S813543 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1995	09/24/2008	01/26/2004	09/24/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 55280 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1987	09/24/2008	01/26/2004	09/24/2008	01/29/2009	VE	TRUE	FALSE	RPKGD was 53089 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1994	09/25/2008	01/26/2004	09/25/2008	01/30/2009	VE	TRUE	FALSE	RPKGD was 55557 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1990	09/25/2008	01/26/2004	09/25/2008	03/11/2009	VE	TRUE	FALSE	RPKGD was S910723 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	09/29/2008	01/26/2004	09/29/2008	11/09/2008	VE	TRUE	FALSE	RPKGD was S852020 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	09/29/2008	01/26/2004	09/29/2008	11/09/2008	VE	TRUE	FALSE	RPKGD was 55504 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	09/29/2008	01/26/2004	09/29/2008	11/05/2008	VE	TRUE	FALSE	RPKGD was 55504 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	09/30/2008	01/26/2004	09/30/2008	11/05/2008	VE	TRUE	FALSE	RPKGD was S852017 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	09/30/2008	01/26/2004	09/30/2008	11/09/2008	VE	TRUE	FALSE	RPKGD was S852017 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1988	10/01/2008	01/26/2004	10/01/2008	03/08/2010	VE	TRUE	FALSE	RPKGD was 53576 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/1989	10/01/2008	01/26/2004	10/01/2008	02/28/2010	VE	TRUE	FALSE	RPKGD was 52587 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1987	10/01/2008	01/26/2004	10/01/2008	03/06/2009	VE	TRUE	FALSE	RPKGD was 53022 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1989	10/01/2008	01/26/2004	10/01/2008	03/06/2009	VE	TRUE	FALSE	RPKGD was 52856 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1989	10/01/2008	01/26/2004	10/01/2008	02/28/2010	VE	TRUE	FALSE	RPKGD was 52046 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1988	10/02/2008	01/26/2004	10/02/2008	02/28/2010	VE	TRUE	FALSE	RPKGD was 53120 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	10/02/2008	01/26/2004	10/02/2008	02/28/2010	VE	TRUE	FALSE	RPKGD was 53291 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	10/02/2008	01/26/2004	10/02/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 53333 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1988	10/06/2008		10/06/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was 53603 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/11/1988	10/06/2008	01/26/2004	10/06/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was 53360 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1988	10/06/2008		10/06/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was 53552 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1990	10/06/2008		10/06/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 53982 — P_MT42=No ,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1988	10/06/2008	01/26/2004	10/06/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 53448 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1991	10/07/2008		10/07/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was 54381 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/1990	10/07/2008	01/26/2004	10/07/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was 53968 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/27/1990	10/07/2008		10/07/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 54147 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/1990	10/07/2008	01/26/2004	10/07/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 54197 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/1991	10/08/2008	01/26/2004	10/08/2008	02/06/2009	VE	TRUE	FALSE	RPKGD was 54706 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1992	10/09/2008	01/26/2004	10/09/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 54783 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/20/1995	10/09/2008		10/09/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was 55611 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
80962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	10/18/2008	01/26/2004	10/18/2008	06/04/2009	VE	TRUE	FALSE	RPKGD was S844260 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	10/20/2008	01/26/2004	10/20/2008	06/04/2009	VE	TRUE	FALSE	RPKGD was 60791 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	10/20/2008	01/26/2004	10/20/2008	04/29/2009	VE	TRUE	FALSE	RPKGD was S803086 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	10/20/2008		10/20/2008	02/07/2009	VE	TRUE	FALSE	RPKGD was S854657 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1990	10/20/2008	01/26/2004	10/20/2008	06/04/2009	VE	TRUE	FALSE	RPKGD was 54979 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1991	10/21/2008		10/21/2008	06/27/2009	VE	TRUE	FALSE	RPKGD was 54410 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
80974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/1994	10/21/2008	01/26/2004	10/21/2008	04/21/2009	VE	TRUE	FALSE	RPKGD was 55606 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1996	10/21/2008	01/26/2004	10/21/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 55587 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/1995	10/22/2008	01/26/2004	10/22/2008	06/16/2009	VE	TRUE	FALSE	RPKGD was 55855 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/1991	10/22/2008	01/26/2004	10/22/2008	06/27/2009	VE	TRUE	FALSE	RPKGD was 54499 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1993	10/22/2008	01/26/2004	10/22/2008	04/14/2009	VE	TRUE	FALSE	RPKGD was 55296 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
80984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1991	10/22/2008	01/26/2004	10/22/2008	07/05/2009	VE	TRUE	FALSE	RPKGD was 54434 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

80988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	10/24/2008	01/26/2004	10/24/2008	11/14/2008	VE	TRUE	FALSE	RPKGD was S882903 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	10/24/2008	01/26/2004	10/24/2008	11/14/2008	VE	TRUE	FALSE	RPKGD was S882903 Old AK7 — P_MT42=Yes,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	10/24/2008	01/26/2004	10/24/2008	11/18/2008	VE	TRUE	FALSE	RPKGD was S882900 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	10/24/2008	01/26/2004	10/24/2008	11/18/2008	VE	TRUE	FALSE	RPKGD was S882902 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/1988	10/25/2008	01/26/2004	10/25/2008	11/14/2008	VE	TRUE	FALSE	RPKGD was S882901 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
80999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	10/25/2008	01/26/2004	10/25/2008	11/14/2008	VE	TRUE	FALSE	RPKGD was S852018 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/1998	10/27/2008	01/26/2004	10/27/2008	07/27/2009	VE	TRUE	FALSE	RPKGD was 52876 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	10/27/2008	01/26/2004	10/27/2008	06/23/2009	VE	TRUE	FALSE	RPKGD was 59281 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	10/27/2008		10/27/2008	07/05/2009	VE	TRUE	FALSE	RPKGD was S853278 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	10/27/2008	01/26/2004	10/27/2008	06/23/2009	VE	TRUE	FALSE	RPKGD was S870322 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81008	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	10/27/2008	01/26/2004	10/27/2008	07/07/2009	VE	TRUE	TRUE	RPKGD was S870322 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	10/30/2008	01/26/2004	10/30/2008	04/21/2009	VE	TRUE	FALSE	RPKGD was S811768 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/1989	11/03/2008	01/26/2004	11/03/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 52578 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/1996	11/03/2008	01/26/2004	11/03/2008	03/31/2009	VE	TRUE	FALSE	RPKGD was 56192 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2002	11/03/2008	01/26/2004	11/03/2008	04/23/2009	VE	TRUE	FALSE	RPKGD was 59718 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2000	11/04/2008	01/26/2004	11/04/2008	04/23/2009	VE	TRUE	FALSE	RPKGD was 58390 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1996	11/04/2008	01/26/2004	11/04/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 56136 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1990	11/05/2008	01/26/2004	11/05/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 54989 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1998	11/05/2008	01/26/2004	11/05/2008	08/31/2009	VE	TRUE	FALSE	RPKGD was 56909 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	11/05/2008	01/26/2004	11/05/2008	07/05/2009	VE	TRUE	FALSE	RPKGD was 60424 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	11/05/2008	07/31/2006	11/05/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 62296 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1996	11/05/2008	01/26/2004	11/05/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 56149 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2003	11/06/2008	01/26/2004	11/06/2008	07/27/2009	VE	TRUE	FALSE	RPKGD was 60162 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	11/06/2008	01/26/2004	11/06/2008	07/07/2009	VE	TRUE	FALSE	RPKGD was 60757 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1998	11/06/2008	01/26/2004	11/06/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 56829 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2000	11/10/2008	01/26/2004	11/10/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 58092 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/2001	11/10/2008	01/26/2004	11/10/2008	06/18/2009	VE	TRUE	FALSE	RPKGD was 59068 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/1997	11/10/2008	01/26/2004	11/10/2008	08/27/2009	VE	TRUE	FALSE	RPKGD was 56281 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2002	11/12/2008	01/26/2004	11/12/2008	04/15/2009	VE	TRUE	FALSE	RPKGD was 59394 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1998	11/12/2008	01/26/2004	11/12/2008	07/30/2009	VE	TRUE	FALSE	RPKGD was 56576 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2002	11/12/2008	01/26/2004	11/12/2008	07/30/2009	VE	TRUE	FALSE	RPKGD was 59058 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005	11/12/2008	07/31/2006	11/12/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 62870 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2003	11/12/2008	01/26/2004	11/12/2008	07/15/2009	VE	TRUE	FALSE	RPKGD was 61924 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	11/13/2008	07/31/2006	11/13/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 62272 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003	11/13/2008	07/31/2006	11/13/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 61754 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/2006	11/13/2008	12/14/2006	11/13/2008	06/02/2009	VE	TRUE	FALSE	RPKGD was 62592 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2006	11/17/2008	12/14/2006	11/17/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 63288 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/1997	11/17/2008	01/26/2004	11/17/2008	03/31/2009	VE	TRUE	FALSE	RPKGD was 56223 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2005	11/17/2008	07/31/2006	11/17/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 63469 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2002	11/17/2008	01/26/2004	11/17/2008	08/25/2009	VE	TRUE	FALSE	RPKGD was 59466 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2006	11/17/2008	12/04/2006	11/17/2008	04/23/2009	VE	TRUE	FALSE	RPKGD was 62915 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2006	11/18/2008	10/24/2006	11/18/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 63517 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006	11/18/2008	07/31/2006	11/18/2008	06/02/2009	VE	TRUE	FALSE	RPKGD was 62482 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1995	11/18/2008	01/26/2004	11/18/2008	04/21/2009	VE	TRUE	FALSE	RPKGD was 55802 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005	11/18/2008	07/31/2006	11/18/2008	03/31/2009	VE	TRUE	FALSE	RPKGD was 62423 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81082	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/2006	11/18/2008	12/14/2006	11/18/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 62873 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

81084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/17/2002	11/19/2008	01/26/2004	11/19/2008	06/18/2009	VE	TRUE	FALSE	RPKGD was 59083 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/2005	11/19/2008	07/31/2006	11/19/2008	06/27/2009	VE	TRUE	FALSE	RPKGD was 62256 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	11/19/2008	07/31/2006	11/19/2008	07/08/2009	VE	TRUE	FALSE	RPKGD was 61925 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005	11/20/2008	07/31/2006	11/20/2008	04/23/2009	VE	TRUE	FALSE	RPKGD was 62400 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/2008	11/20/2008	11/30/2008	11/20/2008	07/08/2009	VE	TRUE	FALSE	RPKGD was 62919 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005	11/20/2008	07/31/2006	11/20/2008	04/15/2009	VE	TRUE	FALSE	RPKGD was 62155 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005	11/20/2008	07/31/2006	11/20/2008	04/15/2009	VE	TRUE	FALSE	RPKGD was 62264 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	11/24/2008	07/31/2006	11/24/2008	04/23/2009	VE	TRUE	FALSE	RPKGD was 62413 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/22/1997	11/24/2008	01/26/2004	11/24/2008	04/28/2009	VE	TRUE	FALSE	RPKGD was 56576 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/2004	11/24/2008	07/31/2006	11/24/2008	04/23/2009	VE	TRUE	FALSE	RPKGD was 61940 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/2004	11/24/2008	07/31/2006	11/24/2008	06/25/2009	VE	TRUE	FALSE	RPKGD was 62634 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/2006	11/25/2008	12/14/2006	11/25/2008	07/15/2009	VE	TRUE	FALSE	RPKGD was 62864 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/14/1990	11/25/2008	01/26/2004	11/25/2008	04/15/2009	VE	TRUE	FALSE	RPKGD was 52945 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005	11/25/2008	07/31/2006	11/25/2008	07/15/2009	VE	TRUE	FALSE	RPKGD was 61983 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003	12/01/2008	07/31/2006	12/01/2008	09/17/2009	VE	TRUE	FALSE	RPKGD was 60129 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	12/01/2008	01/26/2004	12/01/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 60958 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005	12/01/2008	07/31/2006	12/01/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 62142 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2003	12/01/2008	07/31/2006	12/01/2008	09/17/2009	VE	TRUE	FALSE	RPKGD was 59776 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006	12/01/2008	07/31/2006	12/01/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 62568 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003	12/02/2008	07/31/2006	12/02/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 58165 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2004	12/02/2008	07/31/2006	12/02/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 62921 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2007	12/03/2008	04/11/2007	12/03/2008	06/12/2009	VE	TRUE	FALSE	RPKGD was 63878 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/25/2006	12/03/2008	12/14/2006	12/03/2008	06/16/2009	VE	TRUE	FALSE	RPKGD was 62827 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2006	12/03/2008	11/29/2006	12/03/2008	06/18/2009	VE	TRUE	FALSE	RPKGD was 63596 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2005	12/03/2008	07/31/2006	12/03/2008	07/16/2009	VE	TRUE	FALSE	RPKGD was 62183 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005	12/04/2008	07/31/2006	12/04/2008	07/27/2009	VE	TRUE	FALSE	RPKGD was 63443 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81141	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/2002	12/04/2008	01/26/2004	12/04/2008	06/13/2009	VE	TRUE	FALSE	RPKGD was 59711 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/2002	12/04/2008	01/26/2004	12/04/2008	06/04/2009	VE	TRUE	FALSE	RPKGD was 59487 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	12/08/2008		12/08/2008	06/10/2009	VE	TRUE	FALSE	RPKGD was 56301 — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005	12/08/2008	07/31/2006	12/08/2008	06/12/2009	VE	TRUE	FALSE	RPKGD was 63444 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/1997	12/08/2008	01/26/2004	12/08/2008	06/13/2009	VE	TRUE	FALSE	RPKGD was 56601 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1998	12/08/2008	01/26/2004	12/08/2008	06/13/2009	VE	TRUE	FALSE	RPKGD was 55599 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/2002	12/08/2008	01/26/2004	12/08/2008	08/31/2009	VE	TRUE	FALSE	RPKGD was 59348 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/09/2008	01/26/2004	12/09/2008	06/16/2009	VE	TRUE	FALSE	RPKGD was 80652 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81156	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/09/2008	01/26/2004	12/09/2008	07/16/2009	VE	TRUE	TRUE	RPKGD was 80652 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	12/10/2008	01/26/2004	12/10/2008	07/07/2009	VE	TRUE	FALSE	RPKGD was S851728 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	12/10/2008	01/26/2004	12/10/2008	07/15/2009	VE	TRUE	FALSE	RPKGD was S851728 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1984	12/11/2008	01/26/2004	12/11/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 80686 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81163	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1984	12/11/2008	01/26/2004	12/11/2008	07/07/2009	VE	TRUE	TRUE	RPKGD was 80686 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1997	12/11/2008	01/26/2004	12/11/2008	09/17/2009	VE	TRUE	FALSE	RPKGD was 80655 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81166	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1997	12/11/2008	01/26/2004	12/11/2008	07/07/2009	VE	TRUE	TRUE	RPKGD was 80655 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	12/17/2008	01/26/2004	12/17/2008	07/20/2009	VE	TRUE	FALSE	RPKGD was S804916 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003	12/18/2008	07/31/2006	12/18/2008	07/15/2009	VE	TRUE	FALSE	RPKGD was 60614 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005	12/18/2008	07/31/2006	12/18/2008	06/29/2009	VE	TRUE	FALSE	RPKGD was 62267 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004	12/18/2008	07/31/2006	12/18/2008	06/10/2009	VE	TRUE	FALSE	RPKGD was 61980 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2005	12/18/2008	07/31/2006	12/18/2008	04/22/2009	VE	TRUE	FALSE	RPKGD was 62263 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2006	12/22/2008	12/14/2006	12/22/2008	07/07/2009	VE	TRUE	FALSE	RPKGD was 62595 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/2006	12/22/2008	12/14/2006	12/22/2008	06/04/2009	VE	TRUE	FALSE	RPKGD was 63456 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2005	01/05/2009	12/14/2006	01/05/2009	08/24/2009	VE	TRUE	FALSE	RPKGD was 62574 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003	01/05/2009	07/31/2003	01/05/2009	04/22/2009	VE	TRUE	FALSE	RPKGD was 60658 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2003	01/05/2009	07/31/2006	01/05/2009	04/22/2009	VE	TRUE	FALSE	RPKGD was 59771 -- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/2007	01/05/2009	03/14/2007	01/05/2009	08/30/2009	VE	TRUE	FALSE	RPKGD was 63611 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2006	01/06/2009	11/21/2006	01/06/2009	07/07/2009	VE	TRUE	FALSE	RPKGD was 62907 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/2005	01/06/2009	07/31/2006	01/06/2009	09/09/2009	VE	TRUE	FALSE	RPKGD was 62469 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2000	01/06/2009	01/26/2004	01/06/2009	06/18/2009	VE	TRUE	FALSE	RPKGD was 58137 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2005	01/06/2009	07/31/2006	01/06/2009	06/18/2009	VE	TRUE	FALSE	RPKGD was 63418 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2005	01/06/2009	07/31/2006	01/06/2009	07/14/2009	VE	TRUE	FALSE	RPKGD was 62294 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005	01/07/2009	07/31/2006	01/07/2009	06/18/2009	VE	TRUE	FALSE	RPKGD was 63428 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/2007	01/07/2009	03/01/2007	01/07/2009	06/18/2009	VE	TRUE	FALSE	RPKGD was 62998 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2004	01/07/2009	05/10/2004	01/07/2009	06/10/2009	VE	TRUE	FALSE	RPKGD was 62678 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2008	01/08/2009	12/07/2008	01/08/2009	06/13/2009	VE	TRUE	FALSE	RPKGD was 62925 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2006	01/08/2009	12/06/2006	01/08/2009	06/18/2009	VE	TRUE	FALSE	RPKGD was 62923 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2006	01/08/2009	12/14/2006	01/08/2009	06/04/2009	VE	TRUE	FALSE	RPKGD was 62812 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/18/2008	01/14/2009	07/31/2006	01/14/2009	06/10/2009	VE	TRUE	FALSE	RPKGD was 63484 -- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2005	01/14/2009	12/14/2005	01/14/2009	07/29/2009	VE	TRUE	FALSE	RPKGD was 62545 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2003	01/14/2009	07/31/2006	01/14/2009	06/10/2009	VE	TRUE	FALSE	RPKGD was 61771 -- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/27/2005	01/14/2009	07/31/2006	01/14/2009	07/15/2009	VE	TRUE	FALSE	RPKGD was 63455 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003	01/14/2009	07/31/2006	01/14/2009	06/29/2009	VE	TRUE	FALSE	RPKGD was 60132 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1989	01/15/2009	01/26/2004	01/15/2009	06/10/2009	VE	TRUE	FALSE	RPKGD was 52590 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2006	01/15/2009	08/01/2006	01/15/2009	07/07/2009	VE	TRUE	FALSE	RPKGD was 63224 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2002	01/15/2009	01/26/2004	01/15/2009	07/16/2009	VE	TRUE	FALSE	RPKGD was 59762 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006	01/15/2009	07/31/2006	01/15/2009	06/05/2009	VE	TRUE	FALSE	RPKGD was 62526 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2006	01/15/2009	12/14/2006	01/15/2009	06/05/2009	VE	TRUE	FALSE	RPKGD was 62590 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2007	01/20/2009	04/18/2007	01/20/2009	06/30/2009	VE	TRUE	FALSE	RPKGD was 63636 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/2006	01/20/2009	12/14/2006	01/20/2009	06/30/2009	VE	TRUE	FALSE	RPKGD was 63515 -- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2006	01/20/2009	09/05/2006	01/20/2009	07/07/2009	VE	TRUE	FALSE	RPKGD was 63257 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2005	01/20/2009	07/31/2006	01/20/2009	07/07/2009	VE	TRUE	FALSE	RPKGD was 63403 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2002	01/20/2009	01/26/2004	01/20/2009	06/18/2009	VE	TRUE	FALSE	RPKGD was 59442 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/2005	01/21/2009	07/31/2006	01/21/2009	06/30/2009	VE	TRUE	FALSE	RPKGD was 63362 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005	01/21/2009	07/31/2006	01/21/2009	07/15/2009	VE	TRUE	FALSE	RPKGD was 59350 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/20/1988	01/21/2009	01/26/2004	01/21/2009	07/15/2009	VE	TRUE	FALSE	RPKGD was 53188 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/1991	01/21/2009	01/26/2004	01/21/2009	07/16/2009	VE	TRUE	FALSE	RPKGD was 54567 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1988	01/22/2009		01/22/2009	06/30/2009	VE	TRUE	FALSE	RPKGD was 53173 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2007	01/22/2009	01/09/2007	01/22/2009	06/10/2009	VE	TRUE	FALSE	RPKGD was 62941 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	01/22/2009	01/26/2004	01/22/2009	07/29/2009	VE	TRUE	FALSE	RPKGD was S862014 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/1992	01/22/2009	01/26/2004	01/22/2009	08/31/2009	VE	TRUE	FALSE	RPKGD was 54773 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	01/22/2009	07/31/2006	01/22/2009	04/21/2010	VE	TRUE	FALSE	RPKGD was 54375 (require overpacking) Np-237 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	01/26/2009	01/26/2004	01/26/2009	06/29/2009	VE	TRUE	FALSE	RPKGD was S824556 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/26/2009	01/26/2004	01/26/2009	07/29/2009	VE	TRUE	FALSE	RPKGD was S833254 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	01/26/2009	01/26/2004	01/26/2009	06/04/2009	VE	TRUE	FALSE	RPKGD was S802617 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81269	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	01/26/2009	01/26/2004	01/26/2009	07/18/2009	VE	TRUE	FALSE	RPKGD was S802617 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/27/2009	01/26/2004	01/27/2009	06/05/2009	VE	TRUE	FALSE	RPKGD was S835421 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81272	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/27/2009	01/26/2004	01/27/2009	07/18/2009	VE	TRUE	FALSE	RPKGD was S835421 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/1980	01/27/2009	01/26/2004	01/27/2009	07/18/2009	VE	TRUE	FALSE	RPKGD was S802651 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1994	01/27/2009	01/26/2004	01/27/2009	07/20/2009	VE	TRUE	FALSE	RPKGD was 55539 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2006	01/27/2009	11/28/2006	01/27/2009	08/10/2009	VE	TRUE	FALSE	RPKGD was 63594 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1996	01/28/2009	01/26/2004	01/28/2009	08/14/2009	VE	TRUE	FALSE	RPKGD was 56099 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2006	01/28/2009	12/04/2006	01/28/2009	08/27/2009	VE	TRUE	FALSE	RPKGD was 62901 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2006	01/28/2009	11/07/2006	01/28/2009	08/27/2009	VE	TRUE	FALSE	RPKGD was 63514 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/1991	01/28/2009	01/26/2004	01/28/2009	08/18/2009	VE	TRUE	FALSE	RPKGD was 54456 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1986	01/28/2009	01/26/2004	01/28/2009	07/20/2009	VE	TRUE	FALSE	RPKGD was S883739 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1990	01/29/2009		01/29/2009	06/10/2009	VE	TRUE	FALSE	RPKGD was 53904 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/1991	01/29/2009		01/29/2009	06/10/2009	VE	TRUE	FALSE	RPKGD was 54354 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1990	01/29/2009	01/26/2004	01/29/2009	06/27/2009	VE	TRUE	FALSE	RPKGD was 52819 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1990	02/03/2009	01/26/2004	02/03/2009	07/18/2009	VE	TRUE	FALSE	RPKGD was 54484 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1990	02/03/2009	01/26/2004	02/03/2009	08/13/2009	VE	TRUE	FALSE	RPKGD was 54484 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/30/1991	02/03/2009	01/26/2004	02/03/2009	08/18/2009	VE	TRUE	FALSE	RPKGD was 54437 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1990	02/05/2009		02/05/2009	11/05/2009	VE	TRUE	FALSE	RPKGD was 54313 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1991	02/05/2009	01/26/2004	02/05/2009	06/29/2009	VE	TRUE	FALSE	RPKGD was 54402 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1988	02/05/2009		02/05/2009	09/03/2009	VE	TRUE	FALSE	RPKGD was 53580 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/05/2009		02/05/2009	07/18/2009	VE	TRUE	FALSE	RPKGD was 80665 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81311	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/05/2009		02/05/2009	07/18/2009	VE	TRUE	FALSE	RPKGD was 80665 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	02/05/2009	01/26/2004	02/05/2009	08/18/2009	VE	TRUE	FALSE	RPKGD was S852510 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/05/2009	01/26/2004	02/05/2009	06/27/2009	VE	TRUE	FALSE	RPKGD was S845078 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/09/2009	01/26/2004	02/09/2009	06/27/2009	VE	TRUE	FALSE	RPKGD was S842501 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	02/09/2009	01/26/2004	02/09/2009	07/07/2009	VE	TRUE	FALSE	RPKGD was S844574 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	02/09/2009	01/26/2004	02/09/2009	07/23/2009	VE	TRUE	FALSE	RPKGD was 55160 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1990	02/09/2009	01/26/2004	02/09/2009	06/27/2009	VE	TRUE	FALSE	RPKGD was 54331 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1988	02/10/2009	01/26/2004	02/10/2009	06/27/2009	VE	TRUE	FALSE	RPKGD was 53185 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	02/10/2009	01/26/2004	02/10/2009	08/24/2009	VE	TRUE	FALSE	RPKGD was S816952 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	02/10/2009	01/26/2004	02/10/2009	08/18/2009	VE	TRUE	FALSE	RPKGD was S824173 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	02/10/2009	01/26/2004	02/10/2009	08/18/2009	VE	TRUE	FALSE	RPKGD was S864714 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81335	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	07/05/2009	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81336	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	10/26/2009	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81337	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	07/13/2010	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81338	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	10/26/2009	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81339	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	07/11/2010	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81340	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	08/26/2010	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81341	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	07/16/2009	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009	07/07/2009	VE	TRUE	FALSE	RPKGD was S834656 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/12/2009	01/26/2004	02/12/2009	06/18/2009	VE	TRUE	FALSE	RPKGD was S833084 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/17/2009	01/26/2004	02/17/2009	10/04/2009		FALSE	FALSE	RPKGD was 60482 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/06/1998	02/17/2009	01/26/2004	02/17/2009	08/21/2009		FALSE	FALSE	RPKGD was 60885 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	02/17/2009	07/31/2006	02/17/2009	09/08/2009		FALSE	FALSE	RPKGD was 62118 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/18/2009	01/26/2004	02/18/2009	10/04/2009		FALSE	FALSE	RPKGD was S882265 (require overpack) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	02/18/2009	01/26/2004	02/18/2009	08/31/2009		FALSE	FALSE	RPKGD was 60659 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

81364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2004	02/18/2009	06/30/2004	02/18/2009	08/31/2010		FALSE	FALSE	RPKGD was 62247 QTW2308 (requre overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/2002	02/18/2009	01/26/2004	02/18/2009	08/30/2009		FALSE	FALSE	RPKGD was 59782 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	02/19/2009	01/26/2004	02/19/2009	10/06/2009		FALSE	FALSE	RPKGD was S824978 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/1997	02/19/2009	01/26/2004	02/19/2009	08/27/2009		FALSE	FALSE	RPKGD was 55164 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	02/19/2009	01/26/2004	02/19/2009	08/29/2009		FALSE	FALSE	RPKGD was 61047 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/19/2009	01/26/2004	02/19/2009	09/08/2009		FALSE	FALSE	RPKGD was 60488 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81377	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/19/2009	01/26/2004	02/19/2009	08/26/2010		FALSE	FALSE	RPKGD was 60488 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1987	02/23/2009	01/26/2004	02/23/2009	10/21/2009		FALSE	FALSE	RPKGD was 53867 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1987	02/23/2009	01/26/2004	02/23/2009	10/11/2009		FALSE	FALSE	RPKGD was 53195 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1990	02/23/2009	01/26/2004	02/23/2009	09/15/2009		FALSE	FALSE	RPKGD was 52152 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1995	02/23/2009	01/26/2004	02/23/2009	09/17/2009		FALSE	FALSE	RPKGD was 60858 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/23/2009	01/26/2004	02/23/2009	10/20/2009		FALSE	FALSE	RPKGD was 60966 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/23/2009	12/31/2001	02/23/2009	08/30/2009		FALSE	FALSE	RPKGD was S844838 — P_MT42=N,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/16/1989	02/25/2009	01/26/2004	02/25/2009	10/28/2009		FALSE	FALSE	RPKGD was 52577 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	02/25/2009	01/26/2004	02/25/2009	07/16/2009	VE	TRUE	FALSE	RPKGD was S823308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81396	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	02/25/2009	01/26/2004	02/25/2009	10/19/2011	VE	TRUE	FALSE	RPKGD was S823308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/25/2009	01/26/2004	02/25/2009	09/01/2009		FALSE	FALSE	RPKGD was 60565 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	02/25/2009		02/25/2009	07/06/2012		FALSE	FALSE	RPKGD was 60583 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	02/25/2009	12/31/1999	02/25/2009	02/18/2010		FALSE	FALSE	RPKGD was S855938 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	02/26/2009	01/26/2004	02/26/2009	09/01/2009		FALSE	FALSE	RPKGD was S793728 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81405	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	02/26/2009	01/26/2004	02/26/2009	06/26/2010		FALSE	FALSE	RPKGD was S793728 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/1989	03/03/2009	07/20/1989	03/03/2009	10/20/2009		FALSE	FALSE	RPKGD was 52814 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81415	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/03/2009	12/31/1999	03/03/2009	08/27/2009		FALSE	FALSE	RPKGD was S864186 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	03/03/2009	01/26/2004	03/03/2009	10/21/2009		FALSE	FALSE	RPKGD was 60830 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/1988	03/04/2009	01/26/2004	03/04/2009	10/11/2009		FALSE	FALSE	RPKGD was 53507 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	03/04/2009	01/26/2004	03/04/2009	10/06/2009		FALSE	FALSE	RPKGD was 60787 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1998	03/05/2009	01/26/2004	03/05/2009	08/31/2009		FALSE	FALSE	RPKGD was 56876 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1987	03/05/2009	01/26/2004	03/05/2009	09/23/2009		FALSE	FALSE	RPKGD was 53374 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/03/1987	03/05/2009	01/26/2004	03/05/2009	11/01/2009		FALSE	FALSE	RPKGD was 53027 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1988	03/05/2009	01/26/2004	03/05/2009	11/01/2009		FALSE	FALSE	RPKGD was 53422 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1988	03/05/2009	01/26/2004	03/05/2009	09/17/2009		FALSE	FALSE	RPKGD was 53160 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	03/09/2009	01/26/2004	03/09/2009	10/03/2009		FALSE	FALSE	RPKGD was 60806 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	03/09/2009	01/26/2004	03/09/2009	08/14/2009		FALSE	FALSE	RPKGD was 60824 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1989	03/09/2009	01/26/2004	03/09/2009	09/17/2009		FALSE	FALSE	RPKGD was 60837 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1995	03/09/2009		03/09/2009	09/28/2009		FALSE	FALSE	RPKGD was 54719 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	03/09/2009	12/31/2001	03/09/2009	08/18/2009		FALSE	FALSE	RPKGD was S870355 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/10/2009	12/31/1999	03/10/2009	11/05/2009		FALSE	FALSE	RPKGD was S864253 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/1980	03/10/2009	01/26/2004	03/10/2009	08/19/2009		FALSE	FALSE	RPKGD was 59287 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81458	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/1980	03/10/2009	01/26/2004	03/10/2009	10/26/2009		FALSE	FALSE	RPKGD was 59287 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/10/2009	01/26/2004	03/10/2009	08/26/2009		FALSE	FALSE	RPKGD was 60934 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1987	03/10/2009	01/26/2004	03/10/2009	08/26/2009		FALSE	FALSE	RPKGD was 53147 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81464	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1990	03/10/2009		03/10/2009	09/06/2009		FALSE	FALSE	RPKGD was 53914 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1990	03/10/2009	01/26/2004	03/10/2009	06/27/2009	VE	TRUE	FALSE	RPKGD was 53969 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	03/10/2009		03/10/2009	06/18/2009	VE		TRUE	FALSE	RPKGD was S862251 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	03/10/2009	01/26/2004	03/10/2009	06/29/2009	VE		TRUE	FALSE	RPKGD was 59154 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	03/10/2009	01/26/2004	03/10/2009	08/10/2009	VE		TRUE	FALSE	RPKGD was 59258 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1985	03/10/2009	01/26/2004	03/10/2009	07/27/2009	VE		TRUE	FALSE	RPKGD was 60803 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	03/11/2009	01/26/2004	03/11/2009	09/08/2009			FALSE	FALSE	RPKGD was S793780 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	03/11/2009	01/26/2004	03/11/2009	10/19/2009			FALSE	FALSE	RPKGD was S802650 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	03/11/2009	01/26/2004	03/11/2009	08/19/2009			FALSE	FALSE	RPKGD was S813450 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/1981	03/11/2009	01/26/2004	03/11/2009	08/26/2009			FALSE	FALSE	RPKGD was S813825 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	03/11/2009	01/26/2004	03/11/2009	06/10/2009	VE		TRUE	FALSE	RPKGD was S816436 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81487	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	03/11/2009	01/26/2004	03/11/2009	07/07/2009	VE		TRUE	FALSE	RPKGD was S816436 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81489	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	03/11/2009	01/26/2004	03/11/2009	04/22/2010	VE		TRUE	FALSE	RPKGD was S816850 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981	03/11/2009	01/26/2004	03/11/2009	06/10/2009	VE		TRUE	FALSE	RPKGD was 60868 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	03/11/2009	01/26/2004	03/11/2009	09/30/2009			FALSE	FALSE	RPKGD was S842483 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/11/2009	12/31/2001	03/11/2009	08/14/2009			FALSE	FALSE	RPKGD was S845360 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	03/12/2009	01/26/2004	03/12/2009	09/01/2009			FALSE	FALSE	RPKGD was S802936 (require overpacking) — P_MT42=MT42 Mix,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81498	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	03/12/2009	01/26/2004	03/12/2009	10/26/2009			FALSE	FALSE	RPKGD was S802936 — P_MT42=MT42 Mix,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	03/12/2009	01/26/2004	03/12/2009	08/31/2009			FALSE	FALSE	RPKGD was S834425 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81502	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/12/2009	01/26/2004	03/12/2009	08/26/2009			FALSE	FALSE	RPKGD was S835404 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81503	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/12/2009	01/26/2004	03/12/2009	04/03/2011			FALSE	FALSE	RPKGD was S835404 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	03/12/2009	01/26/2004	03/12/2009	09/01/2009			FALSE	FALSE	RPKGD was S844151 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1998	03/13/2009		03/13/2009	06/18/2009	VE		TRUE	FALSE	RPKGD was 53454 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1990	03/13/2009	01/26/2004	03/13/2009	08/26/2009			FALSE	FALSE	RPKGD was 52984 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	03/13/2009	01/26/2004	03/13/2009	08/27/2009			FALSE	FALSE	RPKGD was S832294 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81514	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	03/13/2009	01/26/2004	03/13/2009	08/26/2010			FALSE	FALSE	RPKGD was S832294 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	03/13/2009	01/26/2004	03/13/2009	08/27/2009			FALSE	FALSE	RPKGD was S811636 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81519	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	03/13/2009	01/26/2004	03/13/2009	10/23/2010			FALSE	FALSE	RPKGD was S811636 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1985	03/13/2009	01/26/2004	03/13/2009	08/18/2009			FALSE	FALSE	RPKGD was S851717 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1990	03/16/2009	03/13/1990	03/16/2009	08/27/2009			FALSE	FALSE	RPKGD was 52972 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/16/2009	01/26/2004	03/16/2009	08/14/2009			FALSE	FALSE	RPKGD was S843823 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	03/16/2009	01/26/2004	03/16/2009	08/26/2009			FALSE	FALSE	RPKGD was S802783 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/18/2009	01/26/2004	03/18/2009	08/27/2009			FALSE	FALSE	RPKGD was 61012 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81531	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/18/2009	01/26/2004	03/18/2009	08/16/2009			FALSE	FALSE	RPKGD was S855629 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1988	03/17/2009	01/26/2004	03/17/2009	08/27/2009	VE		TRUE	FALSE	RPKGD was 53389 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	03/17/2009	01/26/2004	03/17/2009	08/31/2009			FALSE	FALSE	RPKGD was 59162 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81538	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	03/17/2009	01/26/2004	03/17/2009	10/23/2010			FALSE	FALSE	RPKGD was 59162 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1989	03/17/2009	01/26/2004	03/17/2009	09/03/2009	VE		TRUE	FALSE	RPKGD was 52552 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	03/17/2009	01/26/2004	03/17/2009	09/27/2009			FALSE	FALSE	RPKGD was S860094 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	03/17/2009	01/26/2004	03/17/2009	08/14/2009			FALSE	FALSE	RPKGD was S842433 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1989	03/17/2009	01/26/2004	03/17/2009	07/23/2009			FALSE	FALSE	RPKGD was 52107 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1990	03/17/2009	01/26/2004	03/17/2009	09/01/2009			FALSE	FALSE	RPKGD was 54932 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	03/18/2009	12/31/2001	03/18/2009	09/01/2009		FALSE	FALSE	RPKGD was S846715 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	03/18/2009	01/26/2004	03/18/2009	09/18/2009	VE	TRUE	FALSE	RPKGD was S824164 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	03/18/2009	09/05/2003	03/18/2009	09/17/2009		FALSE	FALSE	RPKGD was S814988 (require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1991	03/19/2009	01/26/2004	03/18/2009	09/17/2009		FALSE	FALSE	RPKGD was 60811 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1988	03/19/2009	01/26/2004	03/19/2009	07/30/2009		FALSE	FALSE	RPKGD was S882457 (require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1989	03/19/2009	01/26/2004	03/19/2009	09/03/2009	VE	TRUE	FALSE	RPKGD was 52453 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	03/19/2009	12/31/1999	03/19/2009	07/30/2009		FALSE	FALSE	RPKGD was S882452 (require ove --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81571	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	03/19/2009	12/31/1999	03/19/2009	08/08/2010		FALSE	FALSE	RPKGD was S882452 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/1991	03/19/2009	01/26/2004	03/19/2009	08/26/2009		FALSE	FALSE	RPKGD was 54593 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	03/19/2009	01/26/2004	03/19/2009	07/30/2009		FALSE	FALSE	RPKGD was S816743 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1981	03/20/2009	01/26/2004	03/20/2009	08/15/2009		FALSE	FALSE	RPKGD was S845053 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	03/20/2009	12/31/1999	03/20/2009	02/19/2010		FALSE	FALSE	RPKGD was S862052 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	03/20/2009	12/31/1999	03/20/2009	05/25/2010		FALSE	FALSE	RPKGD was S860084 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	03/20/2009	01/26/2004	03/20/2009	09/17/2009		FALSE	FALSE	RPKGD was 60796 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1990	03/20/2009	01/26/2004	03/20/2009	08/26/2009		FALSE	FALSE	RPKGD was 54195 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	03/23/2009	12/31/1999	03/23/2009	09/01/2009		FALSE	FALSE	RPKGD was S853320 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/23/2009	12/31/1999	03/23/2009	08/27/2009		FALSE	FALSE	RPKGD was S856848 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	03/23/2009	12/31/1999	03/23/2009	09/09/2009		FALSE	FALSE	RPKGD was S855202 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	03/23/2009	12/31/1999	03/23/2009	08/31/2009		FALSE	FALSE	RPKGD was S862257 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	03/24/2009	12/31/1999	03/24/2009	08/15/2009		FALSE	FALSE	RPKGD was S860035 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	03/24/2009	12/31/2001	03/24/2009	08/26/2009		FALSE	FALSE	RPKGD was S823109 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	03/24/2009	01/26/2004	03/24/2009	08/24/2009		FALSE	FALSE	RPKGD was 60800 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	03/24/2009	01/26/2004	03/24/2009	09/30/2009	VE	TRUE	FALSE	RPKGD was 59144 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400.	02/19/1986	03/24/2009	01/26/2004	03/24/2009	08/27/2009		FALSE	FALSE	RPKGD was 61059 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	03/24/2009	01/26/2004	03/24/2009	08/29/2009		FALSE	FALSE	RPKGD was S844245 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/1987	03/24/2009		03/24/2009	09/01/2009		FALSE	FALSE	RPKGD was 53517 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81619	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	12/03/2009	12/31/1999	12/03/2009		VE	TRUE	FALSE	RPKGD Into 83707 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
81621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/25/2009	12/31/1999	03/25/2009	09/21/2009		FALSE	FALSE	RPKGD was S864241 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	03/25/2009	12/31/1999	03/25/2009	09/20/2009		FALSE	FALSE	RPKGD was S864580 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/25/2009	12/31/1999	03/25/2009	09/13/2009		FALSE	FALSE	RPKGD was S870233 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	03/25/2009	12/31/1999	03/25/2009	09/01/2009		FALSE	FALSE	RPKGD was S864581 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	03/25/2009	12/31/1999	03/25/2009	09/01/2010		FALSE	FALSE	RPKGD was S864607 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	03/25/2009	12/31/1999	03/25/2009	08/31/2010		FALSE	FALSE	RPKGD was S865305 (require overpacking --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/25/2009	12/31/1999	03/25/2009	09/08/2010		FALSE	FALSE	RPKGD was S871821 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	03/25/2009	01/26/2004	03/25/2009	08/21/2009		FALSE	FALSE	RPKGD was S844191 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81637	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	03/25/2009	01/26/2004	03/25/2009	08/31/2009		FALSE	FALSE	RPKGD was S824570 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	03/25/2009	12/31/1999	03/25/2009	08/09/2010		FALSE	FALSE	RPKGD was S862999 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	03/25/2009	01/26/2004	03/25/2009	10/04/2009		FALSE	FALSE	RPKGD was S841171 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/1989	03/26/2009	01/26/2004	03/26/2009	09/28/2009		FALSE	FALSE	RPKGD was 80456 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	03/26/2009	12/31/1999	03/26/2009	09/08/2009		FALSE	FALSE	RPKGD was S863017 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81647	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	01/12/2010	12/31/1999	01/12/2010		VE	TRUE	FALSE	RPKGD into 83901 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
81649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1993	03/26/2009	01/26/2004	03/26/2009	08/27/2009	VE	TRUE	FALSE	RPKGD was 55225 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	03/26/2009	12/31/1999	03/26/2009	08/24/2010		FALSE	FALSE	RPKGD was S870321 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/26/2009	12/31/1999	03/26/2009	09/09/2009		FALSE	FALSE	RPKGD was S884185 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	03/26/2009	12/31/1999	03/26/2009	10/16/2009		FALSE	FALSE	RPKGD was S863677 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	03/26/2009	12/31/1999	03/26/2009	09/17/2009		FALSE	FALSE	RPKGD was S862259 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		03/26/2009	12/31/1999	03/26/2009	09/17/2009		FALSE	FALSE	RPKGD was S870378 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81660	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		03/26/2009	12/31/1999	03/26/2009	10/26/2009		FALSE	FALSE	RPKGD was S870378 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	03/26/2009	12/31/1999	03/26/2009	09/17/2009		FALSE	FALSE	RPKGD was S862966 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	03/30/2009	01/26/2004	03/30/2009	09/24/2009		FALSE	FALSE	RPKGD was S846171 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	03/30/2009	12/31/2001	03/30/2009	09/15/2009		FALSE	FALSE	RPKGD was S822853 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	03/30/2009	12/31/1999	03/30/2009	09/21/2009		FALSE	FALSE	RPKGD was S870150 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	03/30/2009	12/31/1999	03/30/2009	09/20/2009		FALSE	FALSE	RPKGD was S862236 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	03/30/2009	01/26/2004	03/30/2009	09/17/2009		FALSE	FALSE	RPKGD was 60871 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1988	03/30/2009		03/30/2009	10/04/2009		FALSE	FALSE	RPKGD was 80756 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	03/31/2009	12/31/1999	03/31/2009	09/22/2009		FALSE	FALSE	RPKGD was S862002 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1990	03/31/2009		03/31/2009	09/21/2009		FALSE	FALSE	RPKGD was 54994 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/31/2009	12/31/1999	03/31/2009	02/02/2010		FALSE	FALSE	RPKGD was S884330 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/31/2009	12/31/1999	03/31/2009	09/17/2009		FALSE	FALSE	RPKGD was S871662 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/11/1988	03/31/2009	01/26/2004	03/31/2009	10/11/2009		FALSE	FALSE	RPKGD was 53228 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	03/31/2009	12/31/1999	03/31/2009	09/20/2009		FALSE	FALSE	RPKGD was S852885 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	03/31/2009	12/31/1999	03/31/2009	09/15/2009		FALSE	FALSE	RPKGD was S853287 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/1995	03/31/2009	01/26/2004	03/31/2009	09/17/2009		FALSE	FALSE	RPKGD was 55843 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	03/31/2009	12/31/1999	03/31/2009	09/17/2009		FALSE	FALSE	RPKGD was S881793 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	04/01/2009	12/31/1999	04/01/2009	11/05/2009		FALSE	FALSE	RPKGD was S853818 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/2004	04/01/2009	01/26/2004	04/01/2009	09/09/2009		FALSE	FALSE	RPKGD was 60789 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	04/01/2009	12/31/1999	04/01/2009	09/08/2010		FALSE	FALSE	RPKGD was S855838 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	04/01/2009	12/31/1999	04/01/2009	10/14/2009		FALSE	FALSE	RPKGD was S853773 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	04/01/2009	12/31/1999	04/01/2009	04/25/2012		FALSE	FALSE	RPKGD was S853729 (require overpacking) P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	04/01/2009	12/31/1999	04/01/2009	11/22/2009		FALSE	FALSE	RPKGD was S881791 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	04/01/2009	12/31/1999	04/01/2009	09/15/2009		FALSE	FALSE	RPKGD was S853815 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	04/01/2009	12/31/1999	04/01/2009	10/04/2009		FALSE	FALSE	RPKGD was S860054 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	04/01/2009	12/31/1999	04/01/2009	09/21/2009		FALSE	FALSE	RPKGD was S860008 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	04/01/2009	12/31/1999	04/01/2009	02/16/2010		FALSE	FALSE	RPKGD was S871918 (require overpa — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/1996	04/01/2009	01/26/2004	04/01/2009	11/22/2009		FALSE	FALSE	RPKGD was 60860 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/2007	04/01/2009	01/26/2004	04/01/2009	08/26/2009		FALSE	FALSE	RPKGD was 56559 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81721	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	04/02/2009	01/26/2004	04/02/2009	10/26/2009		FALSE	FALSE	RPKGD was S851800 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81723	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	04/02/2009	01/26/2004	04/02/2009	08/31/2009		FALSE	FALSE	RPKGD was S833229 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/02/2009	12/31/2001	04/02/2009	05/06/2010		FALSE	FALSE	RPKGD was S822784 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/02/2009	01/26/2004	04/02/2009	08/26/2009		FALSE	FALSE	RPKGD was 60772 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/02/2009	12/31/1999	04/02/2009	10/21/2009		FALSE	FALSE	RPKGD was S854589 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/02/2009	12/31/1999	04/02/2009	05/13/2010		FALSE	FALSE	RPKGD was S855631 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	04/02/2009	12/31/1999	04/02/2009	08/26/2009		FALSE	FALSE	RPKGD was S853497 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1986	04/02/2009	09/18/1986	04/02/2009	02/19/2010		FALSE	FALSE	RPKGD was 56166 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	04/02/2009	01/26/2004	04/02/2009	08/19/2009		FALSE	FALSE	RPKGD was 60914 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/1995	04/02/2009	01/26/2004	04/02/2009	08/24/2009		FALSE	FALSE	RPKGD was 55887 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/03/2009	01/26/2004	04/03/2009	08/16/2009		FALSE	FALSE	RPKGD was 59279 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	04/03/2009	01/26/2004	04/03/2009	08/14/2009		FALSE	FALSE	RPKGD was 60770 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	04/03/2009	01/26/2004	04/03/2009	08/27/2009		FALSE	FALSE	RPKGD was 60819 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	04/03/2009	01/26/2004	04/03/2009	08/14/2009		FALSE	FALSE	RPKGD was 60927 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/06/2009	01/26/2004	04/06/2009	08/19/2009		FALSE	FALSE	RPKGD was 61123 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997	04/06/2009	01/26/2004	04/06/2009	09/01/2009		FALSE	FALSE	RPKGD was 56552 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	04/06/2009		04/06/2009	10/04/2009		FALSE	FALSE	RPKGD was 57556 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	04/06/2009	12/31/1999	04/06/2009	09/06/2009		FALSE	FALSE	RPKGD was S864664 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1995	04/06/2009	01/26/2004	04/06/2009	08/19/2009		FALSE	FALSE	RPKGD was 55976 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	04/06/2009	12/31/1999	04/06/2009	10/14/2009		FALSE	FALSE	RPKGD was S860043 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/07/2009	11/30/1998	04/07/2009	08/21/2009		FALSE	FALSE	RPKGD was S813337 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997	04/07/2009	01/26/2004	04/07/2009	08/16/2009		FALSE	FALSE	*RPKGD was 61026 — P_MT42=No,MT_83=No,MT_83_REPORTED* > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81766	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1994	04/07/2009	01/26/2004	04/07/2009	07/30/2009		FALSE	FALSE	RPKGD was 61168 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/07/2009	01/26/2004	04/07/2009	08/14/2009		FALSE	FALSE	RPKGD was 61088 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	04/08/2009	01/26/2004	04/08/2009	10/06/2009		FALSE	FALSE	RPKGD was 61136 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/08/2009	01/26/2004	04/08/2009	09/28/2009		FALSE	FALSE	RPKGD was S855516 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/1998	04/08/2009	05/08/2008	04/08/2009	10/03/2009		FALSE	FALSE	RPKGD was 56286 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1998	04/08/2009		04/08/2009	09/28/2009		FALSE	FALSE	RPKGD was 56221 (require overpacking) — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
81779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	04/08/2009	01/26/2004	04/08/2009	10/04/2009		FALSE	FALSE	RPKGD was 61140 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1995	04/08/2009	01/21/1958	04/08/2009	10/21/2009		FALSE	FALSE	RPKGD was 55828 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
81785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/08/2009	01/26/2004	04/08/2009	09/28/2009		FALSE	FALSE	RPKGD was 60960 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/25/2007	04/08/2009	01/26/2004	04/08/2009	09/20/2009		FALSE	FALSE	RPKGD was 56540 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	04/08/2009	01/26/2004	04/08/2009	10/03/2009		FALSE	FALSE	RPKGD was 61078 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/21/1997	04/09/2009	01/26/2004	04/09/2009	09/20/2009		FALSE	FALSE	RPKGD was 59234 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/1993	04/09/2009	01/26/2004	04/09/2009	10/22/2009		FALSE	FALSE	RPKGD was 60892 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/09/2009	01/26/2004	04/09/2009	03/31/2012		FALSE	FALSE	RPKGD was S793773 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/09/2009	01/26/2004	04/09/2009	08/27/2009		FALSE	FALSE	RPKGD was S794414 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	04/09/2009	01/26/2004	04/09/2009	08/18/2009	VE	TRUE	FALSE	RPKGD was S803023 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1990	04/09/2009	01/26/2004	04/09/2009	09/27/2009		FALSE	FALSE	RPKGD was S803051 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/10/2009	01/26/2004	04/10/2009	08/27/2009		FALSE	FALSE	RPKGD was 61051 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1981	04/10/2009	01/26/2004	04/10/2009	09/17/2009		FALSE	FALSE	RPKGD was S811650 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

81809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	04/10/2009	01/26/2004	04/10/2009	10/08/2009		FALSE	FALSE	RPKGD was S802813 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	04/10/2009	01/26/2004	04/10/2009	10/28/2009		FALSE	FALSE	RPKGD was S802647 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	04/10/2009	01/26/2004	04/10/2009	09/20/2009		FALSE	FALSE	RPKGD was 60869 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	04/13/2009	01/26/2004	04/13/2009	09/15/2009		FALSE	FALSE	RPKGD was 61145 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	04/13/2009	01/26/2004	04/13/2009	09/28/2009		FALSE	FALSE	RPKGD was S802795 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/13/2009	01/26/2004	04/13/2009	10/13/2009		FALSE	FALSE	RPKGD was 59150 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	04/13/2009	01/26/2004	04/13/2009	10/13/2009		FALSE	FALSE	RPKGD was S805269 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	04/13/2009	01/26/2004	04/13/2009	10/13/2009		FALSE	FALSE	RPKGD was S803059 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	04/14/2009	01/26/2004	04/14/2009	09/21/2009		FALSE	FALSE	RPKGD was S804945 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1980	04/14/2009	01/26/2004	04/14/2009	08/31/2009		FALSE	FALSE	RPKGD was S804959 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	04/14/2009	01/26/2004	04/14/2009	09/08/2009		FALSE	FALSE	RPKGD was S802649 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	04/14/2009	01/26/2004	04/14/2009	11/01/2009		FALSE	FALSE	RPKGD was S804944 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1997	04/14/2009	01/26/2004	04/14/2009	09/17/2009		FALSE	FALSE	RPKGD was 61161 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/14/2009	01/26/2004	04/14/2009	09/21/2009		FALSE	FALSE	RPKGD was 61138 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	04/14/2009	12/31/1999	04/14/2009	09/01/2009		FALSE	FALSE	RPKGD was S852882 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1996	04/14/2009	01/26/2004	04/14/2009	09/01/2009		FALSE	FALSE	RPKGD was 56009 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1979	04/14/2009	01/26/2004	04/14/2009	09/17/2009		FALSE	FALSE	RPKGD was S794413 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/14/2009	01/26/2004	04/14/2009	09/27/2009		FALSE	FALSE	RPKGD was S793770 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81846	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/14/2009	01/26/2004	04/14/2009	10/28/2009		FALSE	FALSE	RPKGD was S793770 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/15/2009	01/26/2004	04/15/2009	10/28/2009		FALSE	FALSE	RPKGD was 61063 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	04/15/2009	01/26/2004	04/15/2009	09/01/2009		FALSE	FALSE	RPKGD was 59266 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1992	04/15/2009	01/26/2004	04/15/2009	08/30/2009		FALSE	FALSE	RPKGD was 60882 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1980	04/15/2009	01/26/2004	04/15/2009	08/31/2009		FALSE	FALSE	RPKGD was S805271 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81856	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	04/15/2009	01/26/2004	04/15/2009	11/01/2009		FALSE	FALSE	RPKGD was 60754 H-3 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/15/2009	01/26/2004	04/15/2009	02/02/2010		FALSE	FALSE	RPKGD was S793777 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81860	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	04/15/2009	01/26/2004	04/15/2009	10/08/2009		FALSE	FALSE	RPKGD was S802682 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/15/2009	01/26/2004	04/15/2009	11/22/2009		FALSE	FALSE	RPKGD was S793741 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81864	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1980	04/15/2009	01/26/2004	04/15/2009	11/01/2009		FALSE	FALSE	RPKGD was S802931 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81866	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/15/2009	01/26/2004	04/15/2009	10/04/2009		FALSE	FALSE	RPKGD was S793771 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	04/15/2009	01/26/2004	04/15/2009	09/08/2009		FALSE	FALSE	RPKGD was S802930 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	04/15/2009	01/26/2004	04/15/2009	10/11/2009		FALSE	FALSE	RPKGD was S811652 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/16/2009	01/26/2004	04/16/2009	10/28/2009		FALSE	FALSE	RPKGD was S794407 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980	04/16/2009	01/26/2004	04/16/2009	08/31/2009		FALSE	FALSE	RPKGD was S802814 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	04/16/2009	01/26/2004	04/16/2009	08/27/2009		FALSE	FALSE	RPKGD was S811663 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	04/16/2009	01/26/2004	04/16/2009	09/15/2009		FALSE	FALSE	RPKGD was S816729 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/1980	04/16/2009	01/26/2004	04/16/2009	09/23/2009		FALSE	FALSE	RPKGD was S803027 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81882	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	04/16/2009	01/26/2004	04/16/2009	08/31/2009		FALSE	FALSE	RPKGD was S804973 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	04/16/2009	01/26/2004	04/16/2009	09/22/2009		FALSE	FALSE	RPKGD was S802820 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81886	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	04/16/2009	01/26/2004	04/16/2009	09/03/2009	VE	TRUE	FALSE	RPKGD was S802939 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/16/2009	01/26/2004	04/16/2009	10/11/2009		FALSE	FALSE	RPKGD was S793710 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/1992	04/16/2009	01/26/2004	04/16/2009	08/27/2009		FALSE	FALSE	RPKGD was 24275 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/22/2009	01/26/2004	04/22/2009	08/19/2009		FALSE	FALSE	RPKGD was S813358 (require overpacking) --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/22/2009	01/26/2004	04/22/2009	07/30/2009		FALSE	FALSE	RPKGD was S813355 (require overpacking) --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	04/22/2009	01/26/2004	04/22/2009	10/28/2009		FALSE	FALSE	RPKGD was S813228 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	04/22/2009	01/26/2004	04/22/2009	10/21/2009		FALSE	FALSE	RPKGD was S811801 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/22/2009	01/26/2004	04/22/2009	10/19/2009		FALSE	FALSE	RPKGD was S813359 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	04/22/2009	01/26/2004	04/22/2009	11/21/2009		FALSE	FALSE	RPKGD was S802991 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	04/22/2009	01/26/2004	04/22/2009	10/19/2009		FALSE	FALSE	RPKGD was S804994 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/22/2009	01/26/2004	04/22/2009	08/15/2009		FALSE	FALSE	RPKGD was S811629 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	04/22/2009	01/26/2004	04/22/2009	10/28/2009		FALSE	FALSE	RPKGD was 60740 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1996	04/22/2009	01/26/2004	04/22/2009	10/11/2009		FALSE	FALSE	RPKGD was 56052 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/23/2009	01/26/2004	04/23/2009	08/26/2009		FALSE	FALSE	RPKGD was 59103 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	04/23/2009	05/08/2003	04/23/2009	08/24/2009		FALSE	FALSE	RPKGD was 60711 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
81918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981	04/23/2009	01/26/2004	04/23/2009	09/28/2009		FALSE	FALSE	RPKGD was S811704 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	04/23/2009	01/26/2004	04/23/2009	08/24/2009		FALSE	FALSE	RPKGD was S811856 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/1983	04/24/2009	01/26/2004	04/24/2009	09/30/2009		FALSE	FALSE	RPKGD was 53984 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	04/24/2009	01/26/2004	04/24/2009	08/24/2009		FALSE	FALSE	RPKGD was S816707 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/24/2009	01/26/2004	04/24/2009	08/21/2009		FALSE	FALSE	RPKGD was S813300 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	04/24/2009	01/26/2004	04/24/2009	09/01/2009		FALSE	FALSE	RPKGD was S811606 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	04/24/2009	01/26/2004	04/24/2009	08/27/2009	VE	TRUE	FALSE	RPKGD was S805061 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/27/2009	01/26/2004	04/27/2009	08/27/2009		FALSE	FALSE	RPKGD was S811848 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	04/27/2009	01/26/2004	04/27/2009	09/17/2009	VE	TRUE	FALSE	RPKGD was S811797 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/27/2009	01/26/2004	04/27/2009	10/04/2009		FALSE	FALSE	RPKGD was S813372 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/27/2009	01/26/2004	04/27/2009	09/17/2009		FALSE	FALSE	RPKGD was S813378 (require overpacking) --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	04/27/2009	01/26/2004	04/27/2009	09/03/2009	VE	TRUE	FALSE	RPKGD was S811667 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	04/27/2009	01/26/2004	04/27/2009	08/27/2009		FALSE	FALSE	RPKGD was S811652 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	04/28/2009	01/26/2004	04/28/2009	09/27/2009		FALSE	FALSE	RPKGD was S813431 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/28/2009	01/26/2004	04/28/2009	11/11/2009		FALSE	FALSE	RPKGD was S813382 (require overpacking) --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	04/28/2009	01/26/2004	04/28/2009	10/06/2009		FALSE	FALSE	RPKGD was S813660 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	04/28/2009	01/26/2004	04/28/2009	09/30/2009		FALSE	FALSE	RPKGD was S816733 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	04/28/2009	01/26/2004	04/28/2009	09/21/2009		FALSE	FALSE	RPKGD was S813668 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	04/28/2009	01/26/2004	04/28/2009	01/09/2010		FALSE	FALSE	RPKGD was 61074 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	04/28/2009	01/26/2004	04/28/2009	11/01/2009		FALSE	FALSE	RPKGD was 61054 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	04/29/2009	01/26/2004	04/29/2009	10/19/2009		FALSE	FALSE	RPKGD was S816330 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

81972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	04/29/2009	01/26/2004	04/29/2009	02/09/2010		FALSE	FALSE	RPKGD was S816456 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/1981	04/29/2009	01/26/2004	04/29/2009	11/11/2009		FALSE	FALSE	RPKGD was S815022 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	04/29/2009	01/26/2004	04/29/2009	02/02/2010		FALSE	FALSE	RPKGD was S816876 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	04/29/2009	01/26/2004	04/29/2009	09/17/2009		FALSE	FALSE	RPKGD was S815151 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981	04/29/2009	01/26/2004	04/29/2009	10/14/2009		FALSE	FALSE	RPKGD was S814861 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	04/29/2009	01/26/2004	04/29/2009	10/31/2009		FALSE	FALSE	RPKGD was S813604 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	04/29/2009	01/26/2004	04/29/2009	07/27/2009	VE	TRUE	FALSE	RPKGD was S815043 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/29/2009	01/26/2004	04/29/2009	09/23/2009		FALSE	FALSE	RPKGD was S813569 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	04/29/2009	01/26/2004	04/29/2009	07/27/2009	VE	TRUE	FALSE	RPKGD was S815155 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	04/29/2009	01/26/2004	04/29/2009	07/30/2009	VE	TRUE	FALSE	RPKGD was S815305 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/1997	04/29/2009	01/26/2004	04/29/2009	08/21/2009	VE	TRUE	FALSE	RPKGD was S6237 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
81997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/29/2009	01/26/2004	04/29/2009	11/24/2009		FALSE	FALSE	RPKGD was S811845 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
81999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/30/2009	01/26/2004	04/30/2009	11/21/2009		FALSE	FALSE	RPKGD was S813296 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1981	04/30/2009	01/26/2004	04/30/2009	10/31/2009		FALSE	FALSE	RPKGD was S818761 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	04/30/2009	01/26/2004	04/30/2009	11/15/2009		FALSE	FALSE	RPKGD was S811693 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	04/30/2009	01/26/2004	04/30/2009	11/11/2009		FALSE	FALSE	RPKGD was S818430 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	04/30/2009	01/26/2004	04/30/2009	08/14/2009	VE	TRUE	FALSE	RPKGD was S814889 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	04/30/2009	01/26/2004	04/30/2009	10/04/2009		FALSE	FALSE	RPKGD was S815141 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	04/30/2009	01/26/2004	04/30/2009	09/30/2009		FALSE	FALSE	RPKGD was S816388 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	04/30/2009	01/26/2004	04/30/2009	02/02/2010		FALSE	FALSE	RPKGD was S816877 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	04/30/2009	01/26/2004	04/30/2009	02/19/2010		FALSE	FALSE	RPKGD was S816886 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1981	04/30/2009	01/26/2004	04/30/2009	11/11/2009		FALSE	FALSE	RPKGD was S811912 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	05/01/2009	01/26/2004	05/01/2009	01/09/2010		FALSE	FALSE	RPKGD was S816807 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	05/01/2009	01/26/2004	05/01/2009	11/17/2009		FALSE	FALSE	RPKGD was S816213 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	05/01/2009	01/26/2004	05/01/2009	10/08/2009		FALSE	FALSE	RPKGD was S813553 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	05/01/2009	01/26/2004	05/01/2009	10/04/2009		FALSE	FALSE	RPKGD was S813482 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/01/2009	01/26/2004	05/01/2009	09/15/2009		FALSE	FALSE	RPKGD was S824463 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82028	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/01/2009	01/26/2004	05/01/2009	10/26/2009		FALSE	FALSE	RPKGD was S824463 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	05/04/2009	01/26/2004	05/04/2009	09/17/2009		FALSE	FALSE	RPKGD was S832209 Old AK7 — P_MT42=Yes,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	05/04/2009	01/26/2004	05/04/2009	10/26/2009		FALSE	FALSE	RPKGD was S853819 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	05/04/2009	01/26/2004	05/04/2009	10/11/2009		FALSE	FALSE	RPKGD was S835370 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	05/04/2009	01/26/2004	05/04/2009	03/08/2010	VE	TRUE	FALSE	RPKGD was S816400 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/04/2009	01/26/2004	05/04/2009	10/03/2009		FALSE	FALSE	RPKGD was S833944 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	05/05/2009	01/26/2004	05/05/2009	10/03/2009		FALSE	FALSE	RPKGD was S842429 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	05/05/2009	01/26/2004	05/05/2009	09/30/2009		FALSE	FALSE	RPKGD was S870155 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	05/05/2009	01/26/2004	05/05/2009	05/01/2012		FALSE	FALSE	RPKGD was S844273 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/05/2009	01/26/2004	05/05/2009	09/15/2009		FALSE	FALSE	RPKGD was S870214 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	05/05/2009	01/26/2004	05/05/2009	08/31/2009	VE	TRUE	FALSE	RPKGD was S832194 --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	05/05/2009	01/26/2004	05/05/2009	02/19/2010		FALSE	FALSE	RPKGD was S835389 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	05/05/2009	12/31/2001	05/05/2009	08/30/2009		FALSE	FALSE	RPKGD was S861965 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	05/05/2009	01/26/2004	05/05/2009	09/24/2009		FALSE	FALSE	RPKGD was S832165 (require overpacking) --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	05/05/2009	01/26/2004	05/05/2009	10/11/2009		FALSE	FALSE	RPKGD was S833111 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/06/2009	01/26/2004	05/06/2009	09/17/2009		FALSE	FALSE	RPKGD was S864536 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/06/2009	12/31/2001	05/06/2009	09/08/2009		FALSE	FALSE	RPKGD was S854660 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	05/06/2009	01/26/2004	05/06/2009	09/01/2009	VE	TRUE	FALSE	RPKGD was S832494 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/06/2009	01/26/2004	05/06/2009	09/30/2009		FALSE	FALSE	RPKGD was S845336 (require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	05/06/2009	01/26/2004	05/06/2009	09/22/2009		FALSE	FALSE	RPKGD was S842477 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/06/2009	01/26/2004	05/06/2009	08/19/2009	VE	TRUE	FALSE	RPKGD was S841620 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82075	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/06/2009	01/26/2004	05/06/2009	10/26/2009	VE	TRUE	FALSE	RPKGD was S841620 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82077	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	05/07/2009	01/26/2004	05/07/2009	08/31/2009		FALSE	FALSE	RPKGD was S870464 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	05/07/2009	01/26/2004	05/07/2009	08/31/2009		FALSE	FALSE	RPKGD was S863715 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	05/07/2009	01/26/2004	05/07/2009	10/11/2009		FALSE	FALSE	RPKGD was S864632 H-3 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	05/07/2009	01/26/2004	05/07/2009	09/17/2009		FALSE	FALSE	RPKGD was S870087 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991	05/07/2009	01/26/2004	05/07/2009	08/31/2009		FALSE	FALSE	RPKGD was S912364 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	05/08/2009	12/31/1999	05/08/2009	11/21/2009		FALSE	FALSE	RPKGD was S864602 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/08/2009	01/26/2004	05/08/2009	11/01/2009		FALSE	FALSE	RPKGD was S871825 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	05/08/2009	01/26/2004	05/08/2009	10/22/2009		FALSE	FALSE	RPKGD was S870101 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/08/2009	01/26/2004	05/08/2009	09/17/2009		FALSE	FALSE	RPKGD was S864343 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82096	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/08/2009	01/26/2004	05/08/2009	10/28/2009		FALSE	FALSE	RPKGD was S864343 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1986	05/11/2009	12/31/1999	05/11/2009	09/28/2009		FALSE	FALSE	RPKGD was S864222 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	05/11/2009	01/26/2004	05/11/2009	09/24/2009		FALSE	FALSE	RPKGD was S851789 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	05/11/2009	01/26/2004	05/11/2009	10/08/2009		FALSE	FALSE	RPKGD was S853629 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	05/11/2009	01/26/2004	05/11/2009	09/27/2009		FALSE	FALSE	RPKGD was S855239 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	05/11/2009	01/26/2004	05/11/2009	10/21/2009		FALSE	FALSE	RPKGD was S863015 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82106	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	05/11/2009	01/26/2004	05/11/2009	08/08/2010		FALSE	FALSE	RPKGD was S863015 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/11/2009	01/26/2004	05/11/2009	09/21/2009		FALSE	FALSE	RPKGD was S855801 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/12/2009	01/26/2004	05/12/2009	09/01/2009		FALSE	FALSE	RPKGD was S833913 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82113	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/12/2009	01/26/2004	05/12/2009	10/28/2009		FALSE	FALSE	RPKGD was S833913 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	05/12/2009	01/26/2004	05/12/2009	10/21/2009		FALSE	FALSE	RPKGD was S823218 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	05/12/2009	01/26/2004	05/12/2009	10/14/2009		FALSE	FALSE	RPKGD was S822693 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	05/12/2009	01/26/2004	05/12/2009	10/19/2009		FALSE	FALSE	RPKGD was S861967 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	05/12/2009	01/26/2004	05/12/2009	10/14/2009		FALSE	FALSE	RPKGD was S852539 (require overpacking) -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	05/12/2009	01/26/2004	05/12/2009	10/14/2009		FALSE	FALSE	RPKGD was S818912 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	05/13/2009	01/26/2004	05/13/2009	09/01/2009	VE	TRUE	TRUE	RPKGD was S822846 -- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82126	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	05/13/2009	01/26/2004	05/13/2009	10/26/2009	VE	TRUE	TRUE	RPKGD was S822846 -- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	05/13/2009	01/26/2004	05/13/2009	09/30/2009		FALSE	FALSE	RPKGD was S834580 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/13/2009	01/26/2004	05/13/2009	09/21/2009		FALSE	FALSE	RPKGD was S833453 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	05/13/2009	01/26/2004	05/13/2009	10/28/2009		FALSE	FALSE	RPKGD was S862382 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82136	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	05/13/2009	01/26/2004	05/13/2009	09/15/2009		FALSE	FALSE	RPKGD was S844291 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	05/13/2009	01/26/2004	05/13/2009	09/30/2009		FALSE	FALSE	RPKGD was S842437 (require overpacking) -- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/13/2009	01/26/2004	05/13/2009	10/08/2009		FALSE	FALSE	RPKGD was S870248 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82144	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/13/2009	01/26/2004	05/13/2009	11/12/2009		FALSE	FALSE	RPKGD was S843563 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/14/2009	01/26/2004	05/14/2009	10/19/2009		FALSE	FALSE	RPKGD was S841628 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/14/2009	01/26/2004	05/14/2009	09/22/2009		FALSE	FALSE	RPKGD was S870300 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	05/14/2009	01/26/2004	05/14/2009	08/31/2009	VE	TRUE	FALSE	RPKGD was S870117 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/15/2009	01/26/2004	05/15/2009	10/03/2009		FALSE	FALSE	RPKGD was S824501 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	05/15/2009	01/26/2004	05/15/2009	09/24/2009		FALSE	FALSE	RPKGD was S833449 (require overpacking) -- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1991	05/15/2009	01/26/2004	05/15/2009	10/22/2009		FALSE	FALSE	RPKGD was S910784 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	05/15/2009	12/31/2001	05/15/2009	10/18/2009		FALSE	FALSE	RPKGD was S822781 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/15/2009	01/26/2004	05/15/2009	10/11/2009		FALSE	FALSE	RPKGD was S855930 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	05/15/2009	01/26/2004	05/15/2009	09/17/2009		FALSE	FALSE	RPKGD was S870465 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/18/2009	01/26/2004	05/18/2009	10/18/2009		FALSE	FALSE	RPKGD was S845330 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/18/2009	01/26/2004	05/18/2009	09/01/2009		FALSE	FALSE	RPKGD was S824409 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	05/18/2009	01/26/2004	05/18/2009	10/13/2009		FALSE	FALSE	RPKGD was S853000 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/18/2009	01/26/2004	05/18/2009	08/31/2009		FALSE	FALSE	RPKGD was S824482 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	05/18/2009	01/26/2004	05/18/2009	10/28/2009		FALSE	FALSE	RPKGD was S844563 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/19/2009	01/26/2004	05/19/2009	09/17/2009	VE	TRUE	FALSE	RPKGD was S870305 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	05/19/2009	01/26/2004	05/19/2009	09/21/2009		FALSE	FALSE	RPKGD was S853722 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/19/2009	01/26/2004	05/19/2009	09/17/2009	VE	TRUE	FALSE	RPKGD was S824415 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	05/19/2009	01/26/2004	05/19/2009	09/15/2009		FALSE	FALSE	RPKGD was S870468 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	05/19/2009	01/26/2004	05/19/2009	11/01/2009		FALSE	FALSE	RPKGD was S842367 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	05/19/2009	01/26/2004	05/19/2009	09/01/2009		FALSE	FALSE	RPKGD was S846043 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	05/19/2009	01/26/2004	05/19/2009	10/22/2009		FALSE	FALSE	RPKGD was S823188 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1984	05/19/2009	01/26/2004	05/19/2009	09/06/2009		FALSE	FALSE	RPKGD was S864634 (require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	05/20/2009	01/26/2004	05/20/2009	10/19/2009		FALSE	FALSE	RPKGD was S834765 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82201	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	05/20/2009	01/26/2004	05/20/2009	02/19/2010		FALSE	FALSE	RPKGD was S816789 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	05/20/2009	01/26/2004	05/20/2009	08/31/2009		FALSE	FALSE	RPKGD was S871881 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	05/20/2009	01/26/2004	05/20/2009	09/21/2009		FALSE	FALSE	RPKGD was S818313 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	05/20/2009	01/26/2004	05/20/2009	10/13/2009		FALSE	FALSE	RPKGD was S841168 (require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82210	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	05/20/2009	01/26/2004	05/20/2009	10/28/2009		FALSE	FALSE	RPKGD was S841168 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	05/20/2009	01/26/2004	05/20/2009	10/28/2009		FALSE	FALSE	RPKGD was S823267 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/20/2009	01/26/2004	05/20/2009	10/13/2009		FALSE	FALSE	RPKGD was S833576 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/20/2009	01/26/2004	05/20/2009	10/14/2009		FALSE	FALSE	RPKGD was S852925 (require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	05/21/2009	01/26/2004	05/21/2009	11/01/2009		FALSE	FALSE	RPKGD was S823209 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	05/21/2009	01/26/2004	05/21/2009	09/15/2009	VE	TRUE	FALSE	RPKGD was S816903 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	05/21/2009	01/26/2004	05/21/2009	11/17/2009		FALSE	FALSE	RPKGD was S854585 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	05/21/2009	01/26/2004	05/21/2009	10/19/2009		FALSE	FALSE	RPKGD was S864576 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	05/21/2009	01/26/2004	05/21/2009	10/11/2009		FALSE	FALSE	RPKGD was S864726 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	05/21/2009	01/26/2004	05/21/2009	09/15/2009		FALSE	FALSE	RPKGD was S861727 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	05/21/2009	01/26/2004	05/21/2009	09/21/2009		FALSE	FALSE	RPKGD was S853740 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	05/21/2009	01/26/2004	05/21/2009	09/01/2009		FALSE	FALSE	RPKGD was S822576 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	05/21/2009	01/26/2004	05/21/2009	11/24/2009		FALSE	FALSE	RPKGD was S813579 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/26/2009	12/31/1999	05/26/2009	04/22/2010		FALSE	FALSE	RPKGD was S861752 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/26/2009	01/26/2004	05/26/2009	10/06/2009		FALSE	FALSE	RPKGD was S846028 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/26/2009	01/26/2004	05/26/2009	09/17/2009		FALSE	FALSE	RPKGD was S833896 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	05/26/2009	01/26/2004	05/26/2009	10/28/2009		FALSE	FALSE	RPKGD was S834781 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	05/26/2009	01/26/2004	05/26/2009	01/10/2010	VE	TRUE	FALSE	RPKGD was S834602 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	05/27/2009	01/26/2004	05/27/2009	10/08/2009		FALSE	FALSE	RPKGD was S824081 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82247	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	05/27/2009	01/26/2004	05/27/2009	10/28/2009		FALSE	FALSE	RPKGD was S824081 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	05/27/2009	01/26/2004	05/27/2009	09/01/2009		FALSE	FALSE	RPKGD was S870132 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	05/27/2009	12/31/1999	05/27/2009	09/01/2009		FALSE	FALSE	RPKGD was S884706 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	05/27/2009	01/26/2004	05/27/2009	11/11/2009	VE	TRUE	FALSE	RPKGD was S822815 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982	05/27/2009	01/26/2004	05/27/2009	09/17/2009		FALSE	FALSE	RPKGD was S864572 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/27/2009	01/26/2004	05/27/2009	10/19/2009		FALSE	FALSE	RPKGD was S863704 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/27/2009	01/26/2004	05/27/2009	09/27/2009		FALSE	FALSE	RPKGD was S870257 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1986	05/27/2009	01/26/2004	05/27/2009	10/08/2009		FALSE	FALSE	RPKGD was S863027 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	05/28/2009	01/26/2004	05/28/2009	09/17/2009		FALSE	FALSE	RPKGD was S861987 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1996	05/28/2009	01/26/2004	05/28/2009	10/11/2009		FALSE	FALSE	RPKGD was S852920 (require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	05/28/2009	12/31/1999	05/28/2009	10/04/2009		FALSE	FALSE	RPKGD was S861950 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	05/28/2009	12/31/1999	05/28/2009	10/04/2009		FALSE	FALSE	RPKGD was S862003 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/28/2009	01/26/2004	05/28/2009	10/04/2009		FALSE	FALSE	RPKGD was S870223 (require overpacking) --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/28/2009	01/26/2004	05/28/2009	10/08/2009	VE	TRUE	FALSE	RPKGD was S864171 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	05/28/2009	12/31/1999	05/28/2009	03/08/2010		FALSE	FALSE	RPKGD was S860082 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/28/2009	01/26/2004	05/28/2009	10/06/2009		FALSE	FALSE	RPKGD was S864546 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	05/29/2009	01/26/2004	05/29/2009	11/17/2009		FALSE	FALSE	RPKGD was S816874 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82284	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	05/29/2009	01/26/2004	05/29/2009	08/09/2010		FALSE	FALSE	RPKGD was S816874 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/29/2009	01/26/2004	05/29/2009	11/12/2009		FALSE	FALSE	RPKGD was S864249 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/29/2009	01/26/2004	05/29/2009	10/06/2009		FALSE	FALSE	RPKGD was S864299 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	05/29/2009	01/26/2004	05/29/2009	10/06/2009		FALSE	FALSE	RPKGD was S853856 (require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/01/2009	01/26/2004	06/01/2009	09/17/2009		FALSE	FALSE	RPKGD was S845107 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	06/01/2009	01/26/2004	06/01/2009	09/01/2010		FALSE	FALSE	RPKGD was S822236 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/01/2009	01/26/2004	06/01/2009	10/04/2009		FALSE	FALSE	RPKGD was S871903 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	06/01/2009	01/26/2004	06/01/2009	10/04/2009		FALSE	FALSE	RPKGD was S865297 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/02/2009	01/26/2004	06/02/2009	10/13/2009		FALSE	FALSE	RPKGD was S871895 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/02/2009	01/26/2004	06/02/2009	09/17/2009		FALSE	FALSE	RPKGD was S870066 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/02/2009	01/26/2004	06/02/2009	11/17/2009		FALSE	FALSE	RPKGD was S833262 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	06/02/2009	01/26/2004	06/02/2009	10/11/2009		FALSE	FALSE	RPKGD was S818288 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	06/02/2009	01/26/2004	06/02/2009	10/08/2009	VE	TRUE	FALSE	RPKGD was S823303 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	06/02/2009	01/26/2004	06/02/2009	10/03/2009		FALSE	FALSE	RPKGD was S870479 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/03/2009	01/26/2004	06/03/2009	11/01/2009		FALSE	FALSE	RPKGD was S832541 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	06/03/2009	12/31/1999	06/03/2009	10/08/2009		FALSE	FALSE	RPKGD was S851768 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	06/03/2009	01/26/2004	06/03/2009	10/03/2009		FALSE	FALSE	RPKGD was S844569 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/03/2009	12/31/1999	06/03/2009	09/30/2009		FALSE	FALSE	RPKGD was S882051 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/03/2009	01/26/2004	06/03/2009	11/22/2009		FALSE	FALSE	RPKGD was S832324 (require overpacking) --- P_MT42=MT42 Mix,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82333	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/1983	06/03/2009	01/26/2004	06/03/2009	10/28/2009		FALSE	FALSE	RPKGD was S832324 --- P_MT42=MT42 Mix,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/03/2009	01/26/2004	06/03/2009	11/17/2009		FALSE	FALSE	RPKGD was S834391 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/03/2009	01/26/2004	06/03/2009	10/08/2009		FALSE	FALSE	RPKGD was S833096 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82338	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/03/2009	01/26/2004	06/03/2009	10/26/2009		FALSE	FALSE	RPKGD was S833096 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	06/04/2009	01/26/2004	06/04/2009	09/27/2009	VE	TRUE	FALSE	RPKGD was S824120 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	06/04/2009	01/26/2004	06/04/2009	03/08/2010		FALSE	FALSE	RPKGD was S852924 (require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	06/04/2009	01/26/2004	06/04/2009	09/30/2009		FALSE	FALSE	RPKGD was S865307 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/04/2009	01/26/2004	06/04/2009	10/31/2009		FALSE	FALSE	RPKGD was S870377 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/04/2009	01/26/2004	06/04/2009	08/29/2009	VE	TRUE	FALSE	RPKGD was S864368 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82351	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/04/2009	01/26/2004	06/04/2009	10/26/2009	VE	TRUE	FALSE	RPKGD was S864368 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/04/2009	01/26/2004	06/04/2009	09/28/2009		FALSE	FALSE	RPKGD was S870015 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/04/2009	01/26/2004	06/04/2009	11/01/2009		FALSE	FALSE	RPKGD was S864170 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/08/2009	01/26/2004	06/08/2009	11/17/2009		FALSE	FALSE	RPKGD was S832498 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	06/08/2009	01/26/2004	06/08/2009	02/25/2010		FALSE	FALSE	RPKGD was S817526 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82360	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	06/08/2009	01/26/2004	06/08/2009	04/27/2013		FALSE	FALSE	RPKGD was S817526 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	06/08/2009	01/26/2004	06/08/2009	11/12/2009		FALSE	FALSE	RPKGD was S816840 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/08/2009	01/26/2004	06/08/2009	10/19/2009		FALSE	FALSE	RPKGD was S870326 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1984	06/08/2009	12/31/2001	06/08/2009	01/18/2010		FALSE	FALSE	RPKGD was S843813 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	06/08/2009	01/26/2004	06/08/2009	11/01/2009		FALSE	FALSE	RPKGD was S842439 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	06/08/2009	01/26/2004	06/08/2009	11/17/2009		FALSE	FALSE	RPKGD was S824640 (require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	06/09/2009	01/26/2004	06/09/2009	10/03/2009		FALSE	FALSE	RPKGD was S824557 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	06/09/2009	12/31/2001	06/09/2009	09/17/2009		FALSE	FALSE	RPKGD was S823073 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/09/2009	01/26/2004	06/09/2009	09/17/2009		FALSE	FALSE	RPKGD was S843595 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/09/2009	01/26/2004	06/09/2009	09/30/2009		FALSE	FALSE	RPKGD was S845251 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	06/09/2009	01/26/2004	06/09/2009	10/14/2009		FALSE	FALSE	RPKGD was S823012 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	06/09/2009	01/26/2004	06/09/2009	11/01/2009		FALSE	FALSE	RPKGD was S834477 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	06/09/2009	01/26/2004	06/09/2009	10/08/2009		FALSE	FALSE	RPKGD was S862945 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	06/09/2009	01/26/2004	06/09/2009	11/11/2009		FALSE	FALSE	RPKGD was S854580 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	06/10/2009	01/26/2004	06/10/2009	11/17/2009		FALSE	FALSE	RPKGD was S852595 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/10/2009	01/26/2004	06/10/2009	10/06/2009		FALSE	FALSE	RPKGD was S870171 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	06/10/2009	01/26/2004	06/10/2009	09/17/2009		FALSE	FALSE	RPKGD was S865294 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	06/10/2009	01/26/2004	06/10/2009	09/20/2009		FALSE	FALSE	RPKGD was S845127 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	06/10/2009	01/26/2004	06/10/2009	11/01/2009		FALSE	FALSE	RPKGD was S824147 (require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	06/10/2009	01/26/2004	06/10/2009	11/01/2009		FALSE	FALSE	RPKGD was S825683 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1983	06/10/2009	01/26/2004	06/10/2009	11/11/2009		FALSE	FALSE	RPKGD was S865291 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	06/10/2009	01/26/2004	06/10/2009	10/19/2009		FALSE	FALSE	RPKGD was S822752 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	06/11/2009	01/26/2004	06/11/2009	10/19/2009		FALSE	FALSE	RPKGD was S824416 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82412	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	06/11/2009	01/26/2004	06/11/2009	10/03/2009		FALSE	FALSE	RPKGD was S818414 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1988	06/11/2009	01/26/2004	06/11/2009	10/08/2009		FALSE	FALSE	RPKGD was S883131 (require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82416	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	06/11/2009	01/26/2004	06/11/2009	09/17/2009		FALSE	FALSE	RPKGD was S824152 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/11/2009	01/26/2004	06/11/2009	10/28/2009		FALSE	FALSE	RPKGD was S870184 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/11/2009	01/26/2004	06/11/2009	10/08/2009		FALSE	FALSE	RPKGD was S870307 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	06/11/2009	01/26/2004	06/11/2009	11/01/2009		FALSE	FALSE	RPKGD was S825783 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/11/2009	12/31/1999	06/11/2009	10/19/2009		FALSE	FALSE	RPKGD was S870324 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	06/12/2009	01/26/2004	06/12/2009	10/19/2009		FALSE	FALSE	RPKGD was S861946 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/12/2009	01/26/2004	06/12/2009	10/04/2009		FALSE	FALSE	RPKGD was S855214 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1985	06/12/2009	01/26/2004	06/12/2009	10/28/2009		FALSE	FALSE	RPKGD was S883718 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	06/12/2009	01/26/2004	06/12/2009	11/17/2009		FALSE	FALSE	RPKGD was S843879 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/12/2009	12/31/1999	06/12/2009	11/05/2009		FALSE	FALSE	RPKGD was S853477 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/12/2009	01/26/2004	06/12/2009	11/01/2009		FALSE	FALSE	RPKGD was S864228 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1989	06/15/2009	04/01/2003	06/15/2009	10/20/2009		FALSE	FALSE	RPKGD was 59192 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

82440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	06/15/2009	01/26/2004	06/15/2009	10/04/2009		FALSE	FALSE	RPKGD was S813578 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1981	06/15/2009	01/26/2004	06/15/2009	09/28/2009		FALSE	FALSE	RPKGD was S818375 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82444	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1988	06/15/2009	01/26/2004	06/15/2009	11/01/2009		FALSE	FALSE	RPKGD was S882456 (require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	06/15/2009	01/26/2004	06/15/2009	10/19/2009		FALSE	FALSE	RPKGD was S813462 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/2003	06/16/2009	07/08/1988	06/16/2009	11/15/2009		FALSE	FALSE	RPKGD was 59194 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/16/2009	12/02/2002	06/16/2009	11/17/2009		FALSE	FALSE	RPKGD was 60402 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82452	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/16/2009	09/02/2003	06/16/2009	11/15/2009		FALSE	FALSE	RPKGD was S853487 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	06/16/2009	01/26/2004	06/16/2009	11/17/2009		FALSE	FALSE	RPKGD was S853278 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/16/2009		06/16/2009	10/04/2009		FALSE	FALSE	RPKGD was S845271 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	06/16/2009	01/26/2004	06/16/2009	10/03/2009		FALSE	FALSE	RPKGD was S817529 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82459	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	06/16/2009	01/26/2004	06/16/2009	10/26/2009		FALSE	FALSE	RPKGD was S817529 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82461	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/16/2009	01/26/2004	06/16/2009	11/21/2009		FALSE	FALSE	RPKGD was S853484 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/16/2009	01/26/2004	06/16/2009	11/11/2009		FALSE	FALSE	RPKGD was S833260 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82464	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/16/2009	01/26/2004	06/16/2009	10/26/2009		FALSE	FALSE	RPKGD was S833260 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	06/17/2009	01/26/2004	06/17/2009	11/01/2009		FALSE	FALSE	RPKGD was S813847 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	06/17/2009	01/26/2004	06/17/2009	10/28/2009		FALSE	FALSE	RPKGD was S811849 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	06/17/2009	12/31/1999	06/17/2009	11/01/2009		FALSE	FALSE	RPKGD was S864226 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/17/2009	01/26/2004	06/17/2009	10/11/2009		FALSE	FALSE	RPKGD was S855317 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/17/2009	01/26/2004	06/17/2009	10/08/2009		FALSE	FALSE	RPKGD was S884300 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	06/17/2009	01/26/2004	06/17/2009	10/11/2009		FALSE	FALSE	RPKGD was S882244 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1987	06/17/2009	01/26/2004	06/17/2009	09/17/2009		FALSE	FALSE	RPKGD was 53393 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/17/2009	01/26/2004	06/17/2009	10/13/2009		FALSE	FALSE	RPKGD was S870158 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	06/17/2009	12/31/2001	06/17/2009	02/09/2010		FALSE	FALSE	RPKGD was S823205 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/1989	06/17/2009	09/04/2003	06/17/2009	11/17/2009		FALSE	FALSE	RPKGD was 52445 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	06/19/2009	06/17/2003	06/19/2009	05/05/2011		FALSE	FALSE	RPKGD was 60943 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82502	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	06/19/2009	05/07/2003	06/19/2009	05/11/2011		FALSE	FALSE	RPKGD was 60899 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	06/22/2009	01/26/2004	06/22/2009	01/07/2010		FALSE	FALSE	RPKGD was 58884 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	06/22/2009	01/26/2004	06/22/2009	10/31/2009		FALSE	FALSE	RPKGD was 61062 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	06/22/2009	01/26/2004	06/22/2009	11/01/2009		FALSE	FALSE	RPKGD was 60941 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/22/2009		06/22/2009	02/19/2010		FALSE	FALSE	RPKGD was S848013 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82514	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1991	06/22/2009		06/22/2009	02/02/2010		FALSE	FALSE	RPKGD was 54486 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1990	06/23/2009	01/26/2004	06/23/2009	09/17/2009	VE	FALSE	FALSE	RPKGD was 54980 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1988	06/23/2009	01/26/2004	06/23/2009	05/04/2012		FALSE	FALSE	RPKGD was 53565 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	06/23/2009	12/31/2001	06/23/2009	11/15/2009		FALSE	FALSE	RPKGD was S852515 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	06/23/2009		06/23/2009	10/28/2009		FALSE	FALSE	RPKGD was S853489 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1994	06/23/2009	01/26/2004	06/23/2009	11/01/2009		FALSE	FALSE	RPKGD was 61135 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	06/23/2009	01/26/2004	06/23/2009	10/08/2009		FALSE	FALSE	RPKGD was S803099 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	06/23/2009	01/26/2004	06/23/2009	01/06/2010		FALSE	FALSE	RPKGD was S822893 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/23/2009	01/26/2004	06/23/2009	10/31/2009		FALSE	FALSE	RPKGD was S832272 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82532	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	06/23/2009	01/26/2004	06/23/2009	10/08/2009		FALSE	FALSE	RPKGD was S816851 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	06/23/2009	07/31/2006	06/23/2009	11/22/2009		FALSE	FALSE	RPKGD was 81957 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	06/24/2009	01/26/2004	06/24/2009	11/03/2009		FALSE	FALSE	RPKGD was S825781 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	06/24/2009	01/26/2004	06/24/2009	11/18/2009		FALSE	FALSE	RPKGD was S833865 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82546	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2009	06/24/2009	01/26/2004	06/24/2009	10/31/2009		FALSE	FALSE	RPKGD was S802724 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	06/24/2009	01/26/2004	06/24/2009	10/08/2009		FALSE	FALSE	RPKGD was 60738 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1998	06/24/2009	01/26/2004	06/24/2009	10/08/2009		FALSE	FALSE	RPKGD was 54420 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/24/2009	01/26/2004	06/24/2009	10/31/2009		FALSE	FALSE	RPKGD was S832524 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/02/1996	06/24/2009	01/26/2004	06/24/2009	10/31/2009		FALSE	FALSE	RPKGD was 56030 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	06/25/2009	01/26/2004	06/25/2009	11/07/2009		FALSE	FALSE	RPKGD was 59254 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1991	06/25/2009	01/26/2004	06/25/2009	11/22/2009		FALSE	FALSE	RPKGD was S816354 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82564	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/25/2009	01/26/2004	06/25/2009	11/12/2009		FALSE	FALSE	RPKGD was S845178 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82566	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/25/2009	01/26/2004	06/25/2009	07/02/2013		FALSE	FALSE	RPKGD was S870131 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	06/25/2009	01/26/2004	06/25/2009	10/31/2009		FALSE	FALSE	RPKGD was S835419 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	06/25/2009	01/26/2004	06/25/2009	11/24/2009		FALSE	FALSE	RPKGD was S853800 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	06/25/2009	01/26/2004	06/25/2009	11/01/2009		FALSE	FALSE	RPKGD was S855535 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/25/2009	10/26/2004	06/25/2009	10/08/2009		FALSE	FALSE	RPKGD was S864347 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82580	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1988	06/26/2009	01/26/2004	06/26/2009	01/10/2010		FALSE	FALSE	RPKGD was 53223 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1987	06/26/2009	01/26/2004	06/26/2009	11/18/2009		FALSE	FALSE	RPKGD was 53050 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001	06/26/2009	07/31/2006	06/26/2009	10/31/2009		FALSE	FALSE	RPKGD was 58319 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1990	06/26/2009	01/26/2004	06/26/2009	09/17/2009	VE	FALSE	FALSE	RPKGD was 54983 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82593	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	06/29/2009	01/26/2004	06/29/2009	10/26/2009		FALSE	FALSE	RPKGD was S803595 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	06/29/2009	01/26/2004	06/29/2009	09/08/2009	VE	TRUE	FALSE	RPKGD was 60777 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82598	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	06/29/2009	01/26/2004	06/29/2009	10/26/2009	VE	TRUE	FALSE	RPKGD was 60777 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	06/29/2009	01/26/2004	06/29/2009	11/22/2009		FALSE	FALSE	RPKGD was S816855 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1988	06/29/2009	01/26/2004	06/29/2009	02/02/2010		FALSE	FALSE	RPKGD was S864620 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1988	06/29/2009	01/26/2004	06/29/2009	10/31/2009		FALSE	FALSE	RPKGD was S884537 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005	06/30/2009	07/31/2006	06/30/2009	11/18/2009		FALSE	FALSE	RPKGD was 62684 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1990	06/30/2009	01/26/2004	06/30/2009	11/21/2009		FALSE	FALSE	RPKGD was 60945 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	06/30/2009	01/26/2004	06/30/2009	01/10/2010		FALSE	FALSE	RPKGD was S803607 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	06/30/2009	01/26/2004	06/30/2009	11/12/2009		FALSE	FALSE	RPKGD was S813360 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	06/30/2009	01/26/2004	06/30/2009	11/11/2009		FALSE	FALSE	RPKGD was S802801 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/30/2009	01/26/2004	06/30/2009	09/17/2009		FALSE	FALSE	RPKGD was 59264 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2000	06/30/2009	01/26/2004	06/30/2009	11/18/2009		FALSE	FALSE	RPKGD was 58389 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1997	06/30/2009	01/26/2004	06/30/2009	11/01/2009		FALSE	FALSE	RPKGD was 60825 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	07/01/2009	07/31/2006	07/01/2009	10/31/2009		FALSE	FALSE	RPKGD was 63499 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2005	07/01/2009	01/26/2004	07/01/2009	11/22/2009		FALSE	FALSE	RPKGD was 60938 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	07/01/2009	01/26/2004	07/01/2009	11/01/2009		FALSE	FALSE	RPKGD was 60873 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	07/06/2009	01/26/2004	07/06/2009	01/10/2010		FALSE	FALSE	RPKGD was S818289 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	07/06/2009	01/26/2004	07/06/2009	10/31/2009		FALSE	FALSE	RPKGD was 60974 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	07/06/2009	01/26/2004	07/06/2009	11/12/2009		FALSE	FALSE	RPKGD was S844609 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	07/07/2009	01/26/2004	07/07/2009	11/01/2009		FALSE	FALSE	RPKGD was S846581 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	07/07/2009	01/26/2004	07/07/2009	11/11/2009		FALSE	FALSE	RPKGD was S833909 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	07/07/2009	01/26/2004	07/07/2009	11/07/2009		FALSE	FALSE	RPKGD was S844587 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1981	07/07/2009	01/26/2004	07/07/2009	01/10/2010		FALSE	FALSE	RPKGD was S816765 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	07/07/2009	01/26/2004	07/07/2009	01/10/2010		FALSE	FALSE	RPKGD was S811751 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	07/07/2009	01/26/2004	07/07/2009	11/22/2009		FALSE	FALSE	RPKGD was S851217 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	07/08/2009	01/26/2004	07/08/2009	11/21/2009		FALSE	FALSE	RPKGD was S852912 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/23/1989	07/08/2009	01/26/2004	07/08/2009	01/09/2010		FALSE	FALSE	RPKGD was 59239 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	07/08/2009	01/26/2004	07/08/2009	11/01/2009		FALSE	FALSE	RPKGD was S803098 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1990	07/08/2009	01/26/2004	07/08/2009	01/08/2010		FALSE	FALSE	RPKGD was 54965 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2002	07/08/2009	01/26/2004	07/08/2009	11/21/2009		FALSE	FALSE	RPKGD was 59447 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	07/08/2009	01/26/2004	07/08/2009	11/21/2009		FALSE	FALSE	RPKGD was S845033 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	07/09/2009	01/26/2004	07/09/2009	11/12/2009		FALSE	FALSE	RPKGD was S825759 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	07/09/2009	01/26/2004	07/09/2009	11/18/2009		FALSE	FALSE	RPKGD was S870001 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	07/09/2009	01/26/2004	07/09/2009	01/07/2010		FALSE	FALSE	RPKGD was S835382 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	07/10/2009	01/26/2004	07/10/2009	11/12/2009		FALSE	FALSE	RPKGD was S855822 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	07/10/2009	01/26/2004	07/10/2009	11/12/2009		FALSE	FALSE	RPKGD was 60848 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1985	07/10/2009	01/26/2004	07/10/2009	11/22/2009		FALSE	FALSE	RPKGD was 55929 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2002	07/13/2009	01/26/2004	07/13/2009	01/10/2010		FALSE	FALSE	RPKGD was 59347 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	07/14/2009	01/26/2004	07/14/2009	11/22/2009		FALSE	FALSE	RPKGD was S870021 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82723	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1988	07/14/2009	01/26/2004	07/14/2009	11/07/2009		FALSE	FALSE	RPKGD was 59233 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	07/14/2009	01/26/2004	07/14/2009	11/12/2009		FALSE	FALSE	RPKGD was 60925 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	07/14/2009	01/26/2004	07/14/2009	11/12/2009		FALSE	FALSE	RPKGD was 53106 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2008	07/14/2009	03/10/2008	07/14/2009	11/18/2009		FALSE	FALSE	RPKGD was 64182 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980	07/14/2009	01/26/2004	07/14/2009	11/21/2009		FALSE	FALSE	RPKGD was S802943 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2006	07/15/2009	09/18/2006	07/15/2009	10/08/2009	VE	TRUE	FALSE	RPKGD was 63299 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	07/15/2009	01/26/2004	07/15/2009	11/18/2009		FALSE	FALSE	RPKGD was S851718 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	07/15/2009	01/26/2004	07/15/2009	11/18/2009		FALSE	FALSE	RPKGD was S843548 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82747	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	07/15/2009	01/26/2004	07/15/2009			FALSE	FALSE	RPKGD was S813422 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/1990	07/15/2009	01/26/2004	07/15/2009	11/03/2009		FALSE	FALSE	RPKGD was 54332 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	07/15/2009	07/31/2006	07/15/2009	11/18/2009		FALSE	FALSE	RPKGD was 63484 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2001	07/15/2009	01/26/2004	07/15/2009	11/12/2009		FALSE	FALSE	RPKGD was 59365 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	07/16/2009	01/26/2004	07/16/2009	02/09/2010		FALSE	FALSE	RPKGD was S884684 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1989	07/16/2009	01/26/2004	07/16/2009	11/12/2009		FALSE	FALSE	RPKGD was 59240 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	07/16/2009	01/26/2004	07/16/2009	11/01/2009		FALSE	FALSE	RPKGD was 61072 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/1990	07/16/2009	01/26/2004	07/16/2009	01/10/2010		FALSE	FALSE	RPKGD was 54942 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	07/16/2009	01/26/2004	07/16/2009	11/22/2009		FALSE	FALSE	RPKGD was 59274 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/2005	07/16/2009	07/31/2006	07/16/2009	02/19/2010		FALSE	FALSE	RPKGD was 62133 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1990	07/17/2009	01/26/2004	07/17/2009	10/31/2009	VE	TRUE	FALSE	RPKGD was 53959 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/1992	07/17/2009	01/26/2004	07/17/2009	10/31/2009		FALSE	FALSE	RPKGD was 25553 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1993	07/17/2009	01/26/2004	07/17/2009	10/31/2009		FALSE	FALSE	RPKGD was 54867 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/1990	07/17/2009	01/26/2004	07/17/2009	10/22/2009		FALSE	FALSE	RPKGD was 54953 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	07/20/2009		07/20/2009	10/22/2009		FALSE	FALSE	RPKGD was S811818 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	07/20/2009	01/26/2004	07/20/2009	10/22/2009		FALSE	FALSE	RPKGD was S870138 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	07/20/2009	01/26/2004	07/20/2009	10/31/2009		FALSE	FALSE	RPKGD was S803186 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	07/20/2009	01/26/2004	07/20/2009	11/01/2009		FALSE	FALSE	RPKGD was S834527 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	07/20/2009	01/26/2004	07/20/2009	10/22/2009		FALSE	FALSE	RPKGD was S870246 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	07/21/2009	01/26/2004	07/21/2009	11/12/2009		FALSE	FALSE	RPKGD was S833348 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

82809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	07/21/2009	01/26/2004	07/21/2009	01/10/2010		FALSE	FALSE	RPKGD was S815150 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	07/21/2009	12/31/2001	07/21/2009	01/25/2010		FALSE	FALSE	RPKGD was S844274 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
82823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1987	07/21/2009	01/26/2004	07/21/2009	11/07/2009		FALSE	FALSE	RPKGD was 53053 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	07/22/2009	01/26/2004	07/22/2009	10/31/2009	VE	TRUE	FALSE	RPKGD was 52495 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1987	07/22/2009	01/26/2004	07/22/2009	11/12/2009		FALSE	FALSE	RPKGD was 53232 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1990	07/22/2009	06/16/2004	07/22/2009	02/02/2010		FALSE	FALSE	RPKGD was 53902 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	07/22/2009	01/26/2004	07/22/2009	10/08/2009	VE	TRUE	FALSE	RPKGD was S832369 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	07/22/2009	01/26/2004	07/22/2009	01/10/2010		FALSE	FALSE	RPKGD was 61076 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1996	07/23/2009	01/26/2004	07/23/2009	11/22/2009		FALSE	FALSE	RPKGD was 55853 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	07/23/2009	01/26/2004	07/23/2009	11/18/2009		FALSE	FALSE	RPKGD was S844229 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1988	07/24/2009	01/26/2004	07/24/2009	11/12/2009		FALSE	FALSE	RPKGD was 53315 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1993	07/24/2009	01/26/2004	07/24/2009	11/07/2009		FALSE	FALSE	RPKGD was 60929 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	07/27/2009	01/26/2004	07/27/2009	11/07/2009		FALSE	FALSE	RPKGD was 61073 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	07/28/2009	01/26/2004	07/28/2009	05/11/2011		FALSE	FALSE	RPKGD was S843668 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/1989	07/28/2009	04/12/1989	07/28/2009	10/31/2009	VE	TRUE	FALSE	RPKGD was 52419 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82895	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	07/28/2009	05/07/2003	07/28/2009	02/19/2010		FALSE	FALSE	RPKGD was 60702 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
82897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	07/29/2009	01/26/2004	07/29/2009	11/22/2009		FALSE	FALSE	RPKGD was S855835 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	07/29/2009	01/26/2004	07/29/2009	11/12/2009		FALSE	FALSE	RPKGD was 52139 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	07/30/2009	01/26/2004	07/30/2009	11/18/2009		FALSE	FALSE	RPKGD was S851703 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1987	07/30/2009	01/26/2004	07/30/2009	11/18/2009		FALSE	FALSE	RPKGD was 53343 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/30/2009	01/26/2004	07/30/2009	01/10/2010		FALSE	FALSE	RPKGD was S844192 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	07/30/2009	01/26/2004	07/30/2009	11/21/2009		FALSE	FALSE	RPKGD was S834492 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
82921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1986	07/30/2009	01/26/2004	07/30/2009	11/12/2009		FALSE	FALSE	RPKGD was 53524 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2000	07/30/2009	01/26/2004	07/30/2009	10/31/2009	VE	TRUE	FALSE	RPKGD was 57993 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	07/31/2009	01/26/2004	07/31/2009	11/12/2009		FALSE	FALSE	RPKGD was S811814 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	07/31/2009	01/26/2004	07/31/2009	11/12/2009		FALSE	FALSE	RPKGD was S835420 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1981	07/31/2009	01/26/2004	07/31/2009	11/07/2009		FALSE	FALSE	RPKGD was S811913 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	07/31/2009	01/26/2004	07/31/2009	02/17/2010		FALSE	FALSE	RPKGD was S811735 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/04/2009	01/26/2004	08/04/2009	11/07/2009		FALSE	FALSE	RPKGD was 60954 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/1995	08/04/2009	01/26/2004	08/04/2009	01/14/2010		FALSE	FALSE	RPKGD was 55994 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	08/04/2009	01/26/2004	08/04/2009	01/16/2010		FALSE	FALSE	RPKGD was S822944 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2001	08/04/2009	01/26/2004	08/04/2009	01/25/2010		FALSE	FALSE	RPKGD was 59080 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2004	08/05/2009	07/31/2006	08/05/2009	01/14/2010		FALSE	FALSE	RPKGD was 57956 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	08/05/2009	01/26/2004	08/05/2009	11/18/2009		FALSE	FALSE	RPKGD was 61153 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1998	08/05/2009		08/05/2009	02/10/2010		FALSE	FALSE	RPKGD was 52443 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
82976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003	08/05/2009	07/31/2006	08/05/2009	11/12/2009		FALSE	FALSE	RPKGD was 60640 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1990	08/06/2009	01/26/2004	08/06/2009	10/22/2009	VE	TRUE	FALSE	RPKGD was 54934 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/1988	08/06/2009	01/26/2004	08/06/2009	10/22/2009	VE	TRUE	FALSE	RPKGD was 53406 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	08/07/2009	01/26/2004	08/07/2009	01/13/2010		FALSE	FALSE	RPKGD was S862496 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
82998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/1985	08/07/2009	01/26/2004	08/07/2009	11/18/2009		FALSE	FALSE	RPKGD was 52395 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	08/07/2009	01/26/2004	08/07/2009	11/12/2009		FALSE	FALSE	RPKGD was S802687 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1987	08/07/2009	09/18/1987	08/07/2009	01/13/2010		FALSE	FALSE	RPKGD was 63894 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	08/07/2009	01/26/2004	08/07/2009	11/22/2009		FALSE	FALSE	RPKGD was S823242 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	08/07/2009	01/26/2004	08/07/2009	11/12/2009	VE	TRUE	FALSE	RPKGD was 82982 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/10/2009	01/26/2004	08/10/2009	11/07/2009		FALSE	FALSE	RPKGD was S834427 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

83026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/11/2009	01/26/2004	08/11/2009	02/19/2010		FALSE	FALSE	RPKGD was 61158 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/2001	08/11/2009	07/31/2006	08/11/2009	01/16/2010		FALSE	FALSE	RPKGD was 59044 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	08/11/2009	01/26/2004	08/11/2009	02/19/2010		FALSE	FALSE	RPKGD was S834345 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/11/2009	01/26/2004	08/11/2009	01/13/2010		FALSE	FALSE	RPKGD was 61144 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005	08/11/2009	07/31/2006	08/11/2009	01/16/2010		FALSE	FALSE	RPKGD was 62218 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1998	08/12/2009	01/26/2004	08/12/2009	11/22/2009		FALSE	FALSE	RPKGD was 60998 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/2004	08/12/2009	07/31/2006	08/12/2009	01/10/2010		FALSE	FALSE	RPKGD was 58031 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	08/12/2009	01/26/2004	08/12/2009	11/18/2009		FALSE	FALSE	RPKGD was 52486 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2004	08/12/2009	07/31/2006	08/12/2009	01/14/2010		FALSE	FALSE	RPKGD was 62631 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2007	08/12/2009	09/25/2007	08/12/2009	01/12/2010		FALSE	FALSE	RPKGD was 63905 — P_MT42=No,MT_83=Yes-0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/1988	08/13/2009	03/02/2001	08/13/2009	01/12/2010		FALSE	FALSE	RPKGD was 54817 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/2008	08/13/2009	01/26/2004	08/13/2009	01/10/2010		FALSE	FALSE	RPKGD was 56865 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2009	08/13/2009		08/13/2009	11/18/2009		FALSE	FALSE	RPKGD was 53945 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
83064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2007	08/13/2009	06/11/2007	08/13/2009	01/10/2010		FALSE	FALSE	RPKGD was 63726 — P_MT42=No,MT_83=Yes - 0,MT_83_REPORTED > 50%=Quantity Not Reported, Actual_Default_Ventdate=A HOLD_FLAG=
83068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1990	08/13/2009	01/26/2004	08/13/2009	10/31/2009	VE	TRUE	FALSE	RPKGD was 61035 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	08/13/2009	01/26/2004	08/13/2009	01/07/2010		FALSE	FALSE	RPKGD was S861824 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/14/2009	01/26/2004	08/14/2009	02/02/2010		FALSE	FALSE	RPKGD was S834458 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003	08/14/2009	07/31/2006	08/14/2009	11/18/2009		FALSE	FALSE	RPKGD was 60601 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005	08/14/2009	07/31/2006	08/14/2009	02/02/2010		FALSE	FALSE	RPKGD was 63435 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83082	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1989	08/14/2009	01/26/2004	08/14/2009	01/12/2010		FALSE	FALSE	RPKGD was 60950 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006	08/14/2009	07/31/2006	08/14/2009	01/13/2010		FALSE	FALSE	RPKGD was 62507 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2006	08/14/2009	01/26/2004	08/14/2009	02/11/2010		FALSE	FALSE	RPKGD was 54912 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/26/1990	08/18/2009	01/26/2004	08/18/2009	11/18/2009		FALSE	FALSE	RPKGD was 54933 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1997	08/18/2009	02/14/2001	08/18/2009	11/12/2009		FALSE	FALSE	RPKGD was 56388 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
83094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1987	08/18/2009	01/26/2004	08/18/2009	11/07/2009		FALSE	FALSE	RPKGD was 53502 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002	08/18/2009	07/31/2006	08/18/2009	11/18/2009		FALSE	FALSE	RPKGD was 59735 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2002	08/18/2009	01/26/2004	08/18/2009	11/12/2009		FALSE	FALSE	RPKGD was 59421 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1999	08/18/2009	01/26/2004	08/18/2009	11/12/2009		FALSE	FALSE	RPKGD was 57947 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/2002	08/18/2009	01/26/2004	08/18/2009	11/21/2009		FALSE	FALSE	RPKGD was 59748 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2005	08/18/2009	07/31/2006	08/18/2009	01/10/2010		FALSE	FALSE	RPKGD was 63321 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/19/2009	01/26/2004	08/19/2009	11/18/2009		FALSE	FALSE	RPKGD was S845242 Old AK7 — P_MT42=Yes,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	08/19/2009	07/31/2006	08/19/2009	01/16/2010		FALSE	FALSE	RPKGD was 61936 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	08/19/2009	01/26/2004	08/19/2009	01/10/2010		FALSE	FALSE	RPKGD was S853020 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2009	09/04/2009	01/26/2004	09/04/2009	01/07/2010		FALSE	FALSE	RPKGD was 52138 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	09/16/2009	01/26/2004	09/16/2009	02/18/2010		FALSE	FALSE	RPKGD was S803209 (require overpacking) — P_MT42=Yes,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1999	09/18/2009	01/26/2004	09/18/2009	01/18/2010		FALSE	FALSE	RPKGD was 55634 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/17/2009	01/26/2004	09/17/2009	02/25/2010		FALSE	FALSE	RPKGD was 61086 (require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2008	09/17/2009	01/26/2004	09/17/2009	01/16/2010		FALSE	FALSE	RPKGD was 56340 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1958	09/17/2009	01/26/2004	09/17/2009	01/12/2010		FALSE	FALSE	RPKGD was 57136 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	09/17/2009	01/26/2004	09/17/2009	01/25/2010		FALSE	FALSE	RPKGD was S844637 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	09/17/2009	01/26/2004	09/17/2009	02/09/2010		FALSE	FALSE	RPKGD was S802759 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	09/21/2009	01/26/2004	09/21/2009	01/13/2010		FALSE	FALSE	RPKGD was S811743 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	09/22/2009	01/26/2004	09/22/2009	02/11/2010		FALSE	FALSE	RPKGD was 60845 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	09/22/2009	01/26/2004	09/22/2009	01/16/2010		FALSE	FALSE	RPKGD was S802831 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

83191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	09/22/2009	01/26/2004	09/22/2009	01/12/2010		FALSE	FALSE	RPKGD was S811921 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2003	09/23/2009	01/26/2004	09/23/2009	01/14/2010		FALSE	FALSE	RPKGD was S834555 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	09/23/2009	12/31/2001	09/23/2009	01/18/2010		FALSE	FALSE	RPKGD was S833938 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1992	09/23/2009	01/26/2004	09/23/2009	02/11/2010		FALSE	FALSE	RPKGD was 54778 — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/23/2009	01/26/2004	09/23/2009	02/11/2010		FALSE	FALSE	RPKGD was S870142 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2000	09/24/2009	01/26/2004	09/24/2009	02/02/2010		FALSE	FALSE	RPKGD was S8392 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/24/2009	01/26/2004	09/24/2009	02/17/2010		FALSE	FALSE	RPKGD was 60965 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1999	09/24/2009	07/31/2006	09/24/2009	01/18/2010		FALSE	FALSE	RPKGD was 54655 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	09/24/2009	03/09/2006	09/24/2009	01/13/2010		FALSE	FALSE	RPKGD was S816805 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2007	09/25/2009	08/14/2007	09/25/2009	06/09/2010		FALSE	FALSE	RPKGD was 63810 (require overpacking) — P_MT42=No,MT_83=Yes - 0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	09/25/2009	01/26/2004	09/25/2009	01/14/2010		FALSE	FALSE	RPKGD was S834448 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	09/25/2009	01/26/2004	09/25/2009	01/14/2010		FALSE	FALSE	RPKGD was S845180 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/28/2009	01/26/2004	09/28/2009	02/25/2010		FALSE	FALSE	RPKGD was S870191 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	09/28/2009	01/26/2004	09/28/2009	01/14/2010		FALSE	FALSE	RPKGD was S862290 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/28/2009	01/26/2004	09/28/2009	02/17/2010		FALSE	FALSE	RPKGD was S871920 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	09/28/2009	01/26/2004	09/28/2009	01/18/2010		FALSE	FALSE	RPKGD was S834609 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2004	09/29/2009	07/31/2006	09/29/2009	01/12/2010		FALSE	FALSE	RPKGD was 61989 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	09/29/2009	01/26/2004	09/29/2009	02/04/2010		FALSE	FALSE	RPKGD was S816804 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1981	09/29/2009	01/26/2004	09/29/2009	01/14/2010		FALSE	FALSE	RPKGD was S811910 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1992	09/30/2009	01/26/2004	09/30/2009	01/14/2010		FALSE	FALSE	RPKGD was 54738 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	09/30/2009	01/26/2004	09/30/2009	02/04/2010		FALSE	FALSE	RPKGD was S832503 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	09/30/2009	01/26/2004	09/30/2009	02/04/2010		FALSE	FALSE	RPKGD was S834670 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	09/30/2009	01/26/2004	09/30/2009	01/14/2010		FALSE	FALSE	RPKGD was S823148 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1998	09/30/2009	01/26/2004	09/30/2009	01/22/2010		FALSE	FALSE	RPKGD was 57733 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003	09/30/2009	07/31/2006	09/30/2009	01/12/2010		FALSE	FALSE	RPKGD was 60173 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005	09/30/2009	07/31/2006	09/30/2009	01/14/2010		FALSE	FALSE	RPKGD was 61978 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	10/02/2009	01/26/2004	10/02/2009	01/18/2010		FALSE	FALSE	RPKGD was S802668 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1980	10/02/2009	01/26/2004	10/02/2009	01/18/2010		FALSE	FALSE	RPKGD was S802721 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980	10/02/2009	01/26/2004	10/02/2009	02/04/2010		FALSE	FALSE	RPKGD was S802825 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	10/02/2009	01/26/2004	10/02/2009	01/14/2010		FALSE	FALSE	RPKGD was S802582 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	10/05/2009	01/26/2004	10/05/2009	01/12/2010		FALSE	FALSE	RPKGD was S816362 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	10/06/2009	01/26/2004	10/06/2009	01/14/2010		FALSE	FALSE	RPKGD was S822688 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	10/06/2009	01/26/2004	10/06/2009	01/22/2010		FALSE	FALSE	RPKGD was S824490 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/08/2009	01/26/2004	10/08/2009	01/23/2010		FALSE	FALSE	RPKGD was S871871 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	10/08/2009	01/26/2004	10/08/2009	02/02/2010		FALSE	FALSE	RPKGD was S813421 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1994	10/06/2009	01/26/2004	10/08/2009	01/13/2010		FALSE	FALSE	RPKGD was 55491 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1994	10/06/2009	01/26/2004	10/08/2009	05/25/2010		FALSE	FALSE	RPKGD was 55537 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/13/2009	01/26/2004	10/13/2009	01/13/2010		FALSE	FALSE	RPKGD was S870163 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2000	10/14/2009	01/26/2004	10/14/2009	01/22/2010		FALSE	FALSE	RPKGD was 58193 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	10/14/2009	01/26/2004	10/14/2009	01/13/2010		FALSE	FALSE	RPKGD was S816886 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	10/14/2009	01/26/2004	10/14/2009	02/11/2010		FALSE	FALSE	RPKGD was S842567 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	10/15/2009	01/26/2004	10/15/2009	01/13/2010		FALSE	FALSE	RPKGD was S870177 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/15/2009	01/26/2004	10/15/2009	01/14/2010		FALSE	FALSE	RPKGD was S870126 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1994	10/15/2009	01/26/2004	10/15/2009	01/18/2010		FALSE	FALSE	RPKGD was 61015 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	10/15/2009	01/26/2004	10/15/2009	02/04/2010		FALSE	FALSE	RPKGD was S818273 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

83371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	10/16/2009	01/26/2004	10/16/2009	01/16/2010		FALSE	FALSE	RPKGD was S823133 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	10/16/2009	01/26/2004	10/16/2009	01/16/2010		FALSE	FALSE	RPKGD was S834751 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	10/19/2009	01/26/2004	10/19/2009	01/23/2010		FALSE	FALSE	RPKGD was S870419 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	10/20/2009	01/26/2004	10/20/2009	02/04/2010		FALSE	FALSE	RPKGD was S843676 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/20/2009	01/26/2004	10/20/2009	02/11/2010		FALSE	FALSE	RPKGD was S870013 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/20/2009	01/26/2004	10/20/2009	02/04/2010		FALSE	FALSE	RPKGD was S870136 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	10/20/2009	01/26/2004	10/20/2009	02/04/2010		FALSE	FALSE	RPKGD was S853568 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	10/21/2009	01/26/2004	10/21/2009	02/13/2010		FALSE	FALSE	RPKGD was S884551 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	10/21/2009	01/26/2004	10/21/2009	02/04/2010		FALSE	FALSE	RPKGD was S842533 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/21/2009	01/26/2004	10/21/2009	02/04/2010		FALSE	FALSE	RPKGD was S870215 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/21/2009	01/26/2004	10/21/2009	02/04/2010		FALSE	FALSE	RPKGD was S870139 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2002	10/22/2009	07/31/2006	10/22/2009	03/11/2010		FALSE	FALSE	RPKGD was 59050 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/22/2009	01/26/2004	10/22/2009	02/09/2010		FALSE	FALSE	RPKGD was S871842 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1994	10/22/2009	01/26/2004	10/22/2009	06/12/2010		FALSE	FALSE	RPKGD was 55483 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83423	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/22/2009	01/26/2004	10/22/2009	09/28/2010		FALSE	FALSE	RPKGD was 60773 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981	10/23/2009	01/26/2004	10/23/2009	02/19/2010		FALSE	FALSE	RPKGD was S811768 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	10/23/2009	01/26/2004	10/23/2009	02/04/2010		FALSE	FALSE	RPKGD was 60921 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	10/23/2009	01/26/2004	10/23/2009	02/04/2010		FALSE	FALSE	RPKGD was S813354 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	10/23/2009	01/26/2004	10/23/2009	02/04/2010		FALSE	FALSE	RPKGD was S825643 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	10/23/2009	01/26/2004	10/23/2009	02/11/2010		FALSE	FALSE	RPKGD was 61092 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	10/23/2009	01/26/2004	10/23/2009	02/11/2010		FALSE	FALSE	RPKGD was S817765 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	10/26/2009	01/26/2004	10/26/2009	02/11/2010		FALSE	FALSE	RPKGD was S855809 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	10/26/2009	01/26/2004	10/26/2009	02/17/2010		FALSE	FALSE	RPKGD was S882371 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83443	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	10/26/2009	01/26/2004	10/26/2009	02/13/2010		FALSE	FALSE	RPKGD was S884535 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	10/26/2009	01/26/2004	10/26/2009	02/04/2010		FALSE	FALSE	RPKGD was S884550 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	10/27/2009	01/26/2004	10/27/2009	02/04/2010		FALSE	FALSE	RPKGD was S884577 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/1988	10/27/2009	01/26/2004	10/27/2009	01/23/2010	VE	TRUE	FALSE	RPKGD was 53435 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/06/1990	10/27/2009	01/26/2004	10/27/2009	01/22/2010	VE	TRUE	FALSE	RPKGD was 54150 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1989	10/27/2009	01/26/2004	10/27/2009	01/25/2010	VE	TRUE	FALSE	RPKGD was 52889 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/28/2009	01/26/2004	10/28/2009	02/09/2010		FALSE	FALSE	RPKGD was S862986 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1990	10/28/2009	01/26/2004	10/28/2009	01/23/2010	VE	TRUE	FALSE	RPKGD was 54193 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/1988	10/28/2009	01/26/2004	10/28/2009	02/17/2010	VE	TRUE	FALSE	RPKGD was 53424 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	10/28/2009	01/26/2004	10/28/2009	02/09/2010		FALSE	FALSE	RPKGD was S865316 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83487	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1986	10/28/2009	01/26/2004	10/28/2009			FALSE	FALSE	RPKGD was S860178 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/29/2009	01/26/2004	10/29/2009	02/04/2010		FALSE	FALSE	RPKGD was S870115 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/22/1993	10/29/2009	01/26/2004	10/29/2009	01/23/2010	VE	TRUE	FALSE	RPKGD was 55168 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1999	10/29/2009	01/26/2004	10/29/2009	01/23/2010	VE	TRUE	FALSE	RPKGD was 57783 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	10/29/2009	01/26/2004	10/29/2009	01/22/2010	VE	TRUE	FALSE	RPKGD was 59139 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/11/1988	10/29/2009	01/26/2004	10/29/2009	02/13/2010	VE	TRUE	FALSE	RPKGD was 53024 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	10/30/2009	01/26/2004	10/30/2009	02/09/2010		FALSE	FALSE	RPKGD was S870168 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1997	10/30/2009	01/26/2004	10/30/2009	06/12/2010		FALSE	FALSE	RPKGD was 61071 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	11/02/2009	01/26/2004	11/02/2009	06/11/2010		FALSE	FALSE	RPKGD was S803026 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83499	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1991	11/02/2009		11/02/2009	08/31/2010	VE	TRUE	FALSE	RPKGD was 80493 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	11/02/2009	01/26/2004	11/02/2009	01/23/2010	VE	TRUE	FALSE	RPKGD was S816691 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83503	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	11/02/2009	05/10/2005	11/02/2009	02/17/2010	VE	TRUE	FALSE	RPKGD was 63353 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

83505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	11/02/2009	01/26/2004	11/02/2009	01/22/2010	VE	TRUE	FALSE	RPKGD was S818782 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83507	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	11/02/2009	01/26/2004	11/02/2009	05/25/2010		FALSE	FALSE	RPKGD was 60933 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	11/03/2009	01/26/2004	11/03/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 52366 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	11/03/2009	01/26/2004	11/03/2009	01/22/2010	VE	TRUE	FALSE	RPKGD was S835409 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/03/2009	01/26/2004	11/03/2009	03/01/2010	VE	TRUE	FALSE	RPKGD was S842090 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	11/03/2009	01/26/2004	11/03/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 52160 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83517	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	11/03/2009	01/26/2004	11/03/2009	02/09/2010	VE	TRUE	FALSE	RPKGD was S816871 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	11/03/2009	01/26/2004	11/03/2009	01/25/2010	VE	TRUE	FALSE	RPKGD was S834843 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/03/2009	01/26/2004	11/03/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was S845124 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	11/04/2009		11/04/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 52983 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	11/04/2009	01/26/2004	11/04/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was S834417 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	11/04/2009	01/26/2004	11/04/2009	03/08/2010	VE	TRUE	FALSE	RPKGD was S818375 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1995	11/04/2009	01/26/2004	11/04/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 55805 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83532	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1992	11/04/2009	01/26/2004	11/04/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 54774 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1987	11/05/2009	01/26/2004	11/05/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 53384 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/26/1990	11/05/2009	01/26/2004	11/05/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 53931 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/2001	11/05/2009	01/26/2004	11/05/2009	02/09/2010	VE	TRUE	FALSE	RPKGD was 59004 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1997	11/05/2009	01/26/2004	11/05/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 56558 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/06/2009	01/26/2004	11/06/2009	02/17/2010		FALSE	FALSE	RPKGD was S842581 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	11/06/2009	01/26/2004	11/06/2009	02/04/2010		FALSE	FALSE	RPKGD was S870133 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2005	11/06/2009	04/19/2005	11/06/2009	02/17/2010	VE	TRUE	FALSE	RPKGD was 83330 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2006	11/09/2009	09/25/2006	11/09/2009	03/03/2010		FALSE	FALSE	RPKGD was 83506 (require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/22/2000	11/09/2009	02/22/2000	11/09/2009	02/18/2010		FALSE	FALSE	RPKGD was 58398 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007	11/09/2009	05/23/2007	11/09/2009	02/11/2010		FALSE	FALSE	RPKGD was 83787 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
83563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	11/09/2009	01/26/2004	11/09/2009	02/04/2010		FALSE	FALSE	RPKGD was S834405 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	11/10/2009	12/31/1999	11/10/2009	02/18/2010	VE	TRUE	FALSE	RPKGD was S853842 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	11/10/2009	12/31/1999	11/10/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was S862057 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/28/2009	11/10/2009	09/28/2009	11/10/2009	03/08/2010		FALSE	FALSE	RPKGD was 83508 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/2008	11/10/2009	01/09/2008	11/10/2009	02/04/2010		FALSE	FALSE	RPKGD was 83965 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
83575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1988	11/10/2009	01/26/2004	11/10/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 53181 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	11/10/2009	12/31/1999	11/10/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was S862234 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/1990	11/10/2009	01/26/2004	11/10/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 54957 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2002	11/12/2009	01/26/2004	11/12/2009	02/25/2010	VE	TRUE	FALSE	RPKGD was 59387 (require overpacking) QTW 2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/2007	11/12/2009	08/29/2007	11/12/2009	03/03/2010	VE	TRUE	FALSE	RPKGD was 83875 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1991	11/12/2009	01/26/2004	11/12/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 80388 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2008	11/12/2009	02/26/2008	11/12/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 64168 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1983	11/12/2009	07/31/2006	11/12/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 60635 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2003	11/13/2009	07/31/2006	11/13/2009	02/09/2010	VE	TRUE	FALSE	RPKGD was 60635 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83594	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	11/13/2009	05/19/2003	11/13/2009	03/09/2010		FALSE	FALSE	RPKGD was 60687 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1999	11/13/2009	01/26/2004	11/13/2009	02/18/2010	VE	TRUE	FALSE	RPKGD was 57941 Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/02/2008	11/13/2009	07/02/2008	11/13/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 64233 0511 10 R0 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1994	11/13/2009	01/26/2004	11/13/2009	02/04/2010	VE	TRUE	FALSE	RPKGD was 80612 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	11/13/2009	01/26/2004	11/13/2009	02/18/2010	VE	TRUE	FALSE	RPKGD was S822845 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/2007	11/16/2009	12/19/2007	11/16/2009	04/22/2010		FALSE	FALSE	RPKGD was 64133 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
83608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/2006	11/16/2009	08/24/2006	11/16/2009	05/02/2010		FALSE	FALSE	RPKGD was 83280 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

83608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	11/18/2009	12/31/1999	11/16/2009	09/22/2010		FALSE	FALSE	RPKGD was S884316 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/16/2009	01/26/2004	11/16/2009	05/13/2010		FALSE	FALSE	RPKGD was S841835 (require overpacking) QTW 2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1988	11/17/2009	01/26/2004	11/17/2009	02/13/2010	VE	TRUE	FALSE	RPKGD was S842258 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	11/17/2009	01/26/2004	11/17/2009	02/11/2010	VE	TRUE	FALSE	RPKGD was S884547 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1989	11/17/2009	09/08/2003	11/17/2009	03/09/2010	VE	TRUE	FALSE	RPKGD was 52895 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	11/17/2009	01/26/2004	11/17/2009	02/28/2010	VE	TRUE	FALSE	RPKGD was 80392 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/2008	11/17/2009	08/21/2008	11/17/2009	03/11/2010		FALSE	FALSE	RPKGD was 64852 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1998	11/18/2009	03/09/2006	11/18/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 55965 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	11/18/2009	01/26/2004	11/18/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 53799 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1992	11/18/2009	01/26/2004	11/18/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 54800 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2003	11/19/2009	01/26/2004	11/19/2009	02/28/2010	VE	TRUE	FALSE	RPKGD was 54526 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83636	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/2003	11/19/2009	01/26/2004	11/19/2009	02/28/2010	VE	TRUE	FALSE	RPKGD was 61104 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003	11/19/2009	04/01/2003	11/19/2009	05/02/2010		FALSE	FALSE	RPKGD was 60603 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1989	11/19/2009		11/19/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 80444 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005	11/20/2009	09/08/2005	11/20/2009	04/22/2010		FALSE	FALSE	RPKGD was 62404 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2006	11/23/2009	07/31/2006	11/23/2009	02/11/2010	VE	TRUE	FALSE	RPKGD was 62110 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	11/23/2009	12/31/1999	11/23/2009	05/05/2010		FALSE	FALSE	RPKGD was S884848 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	11/23/2009	01/26/2004	11/23/2009	02/13/2010	VE	TRUE	FALSE	RPKGD was S804943 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1989	11/23/2009	01/26/2004	11/23/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 52430 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2003	11/23/2009	05/05/2003	11/23/2009	05/03/2010		FALSE	FALSE	RPKGD was 60609 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/1983	11/24/2009	01/26/2004	11/24/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 52481 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1990	11/24/2009	01/26/2004	11/24/2009	04/26/2010	VE	TRUE	FALSE	RPKGD was 54156 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1987	11/24/2009		11/24/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 53230 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/07/2006	11/24/2009	12/14/2006	11/24/2009	05/25/2010		FALSE	FALSE	RPKGD was 63242 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	11/24/2009	05/07/2003	11/24/2009	05/03/2010		FALSE	FALSE	RPKGD was 60638 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2005	11/24/2009	10/31/2005	11/24/2009	05/13/2010		FALSE	FALSE	RPKGD was 62522 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1990	11/30/2009	03/14/2003	11/30/2009	03/08/2010		FALSE	FALSE	RPKGD was 81781 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1999	11/30/2009	08/11/1999	11/30/2009	03/08/2010	VE	TRUE	FALSE	RPKGD was 58045 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/1990	11/30/2009	01/26/2004	11/30/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 80481 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/2006	12/01/2009	10/19/2006	12/01/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 63536 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1991	12/01/2009	03/08/1991	12/01/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 80668 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/1993	12/01/2009	01/26/2004	12/01/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 54693 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/01/2009	12/31/2001	12/01/2009	08/26/2010	VE	TRUE	FALSE	RPKGD was S861797 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/30/2007	12/01/2009	10/30/2007	12/01/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 63974 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	12/01/2009	12/31/1999	12/01/2009	09/19/2010	VE	TRUE	FALSE	RPKGD was S862367 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/1990	12/02/2009		12/02/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 80553 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83693	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2006	12/02/2009	08/22/2006	12/02/2009	04/29/2010		FALSE	FALSE	RPKGD was 63270 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1997	12/02/2009	01/26/2004	12/02/2009	03/01/2010	VE	TRUE	FALSE	RPKGD was 80440 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/02/2009	01/26/2004	12/02/2009	05/03/2010		FALSE	FALSE	RPKGD was S835424 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	12/02/2009	01/26/2004	12/02/2009	02/10/2010	VE	TRUE	FALSE	RPKGD was 80557 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2003	12/02/2009	08/10/2003	12/02/2009	02/11/2010	VE	TRUE	FALSE	RPKGD was 61217 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1993	12/02/2009	01/26/2004	12/02/2009	02/28/2010	VE	TRUE	FALSE	RPKGD was 80645 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	12/03/2009	12/31/1999	12/03/2009	03/20/2011	VE	TRUE	FALSE	RPKGD was 81619 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/2003	12/03/2009	05/02/2003	12/03/2009	02/13/2010	VE	TRUE	FALSE	RPKGD was 60668 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

83711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2005	12/03/2009	09/13/2005	12/03/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 63470 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83713	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	12/03/2009	12/31/2001	12/03/2009		VE	TRUE	FALSE	RPKGD was S833010 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/30/1992	12/03/2009	05/06/2008	12/03/2009	01/24/2014	VE	TRUE	FALSE	RPKGD was 54888 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2003	12/03/2009	10/31/2003	12/03/2009	04/29/2010		FALSE	FALSE	RPKGD was 61917 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	12/03/2009	01/26/2004	12/03/2009	05/05/2010		FALSE	FALSE	RPKGD was S816939 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83721	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	12/03/2009	01/26/2004	12/03/2009	03/08/2010		FALSE	FALSE	RPKGD was S845216 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83723	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	12/03/2009	01/26/2004	12/03/2009	05/25/2010		FALSE	FALSE	RPKGD was S843800 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	12/04/2009	01/26/2004	12/04/2009	02/02/2014	VE	TRUE	FALSE	RPKGD was S871840 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	12/04/2009	01/26/2004	12/04/2009	05/02/2010		FALSE	FALSE	RPKGD was S842255 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83733	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1988	12/07/2009		12/07/2009		VE	TRUE	FALSE	RPKGD was 53202 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1990	12/09/2009	01/26/2004	12/09/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 52943 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1989	12/09/2009	06/05/1989	12/09/2009	05/02/2010	VE	TRUE	FALSE	RPKGD was 52456 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001	12/10/2009	07/31/2006	12/10/2009	04/28/2010		FALSE	FALSE	RPKGD was 58316 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1992	12/10/2009		12/10/2009	03/11/2010	VE	TRUE	FALSE	RPKGD was 54735 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	12/10/2009	03/24/2003	12/10/2009	03/11/2010	VE	TRUE	FALSE	RPKGD was 59178 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83747	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	12/10/2009	03/24/2003	12/10/2009	08/08/2010	VE	TRUE	FALSE	RPKGD was 59176 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1997	12/10/2009	01/26/2004	12/10/2009	05/25/2010		FALSE	FALSE	RPKGD was 58334 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83751	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	12/16/2009	01/26/2004	12/16/2009	09/14/2010	VE	TRUE	FALSE	RPKGD was S851421 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2003	12/16/2009	07/31/2006	12/16/2009	06/16/2010		FALSE	FALSE	RPKGD was 60107 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006	12/16/2009	07/31/2006	12/16/2009	05/13/2010		FALSE	FALSE	RPKGD was 62515 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83757	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2003	12/16/2009	07/31/2006	12/16/2009	10/07/2010		FALSE	FALSE	RPKGD was 61707 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2003	12/16/2009	01/26/2004	12/16/2009	09/09/2010		FALSE	FALSE	RPKGD was 61234 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83763	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	12/17/2009	11/25/2002	12/17/2009	03/08/2010	VE	TRUE	FALSE	RPKGD was 59299 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1995	12/17/2009		12/17/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 52843 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1998	12/17/2009	03/19/2008	12/17/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 55968 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/2005	12/17/2009	03/16/2005	12/17/2009	06/21/2010		FALSE	FALSE	RPKGD was 62174 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2003	12/17/2009	01/26/2004	12/17/2009	06/10/2010		FALSE	FALSE	RPKGD was 60185 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	12/17/2009	01/26/2004	12/17/2009	03/08/2010	VE	TRUE	FALSE	RPKGD was S811873 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	12/17/2009	01/26/2004	12/17/2009	03/08/2010	VE	TRUE	FALSE	RPKGD was 59155 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	12/18/2009	01/26/2004	12/18/2009	05/24/2010		FALSE	FALSE	RPKGD was S821210 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2005	12/18/2009	08/08/2005	12/18/2009	09/28/2010		FALSE	FALSE	RPKGD was 63406 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2006	12/18/2009	12/18/2006	12/18/2009	05/09/2010		FALSE	FALSE	RPKGD was 62537 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2001	12/18/2009	06/22/2001	12/18/2009	05/17/2010		FALSE	FALSE	RPKGD was 59090 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2007	12/18/2009	05/16/2007	12/18/2009	05/25/2010	VE	TRUE	FALSE	RPKGD was 63767 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
83789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/31/2005	12/21/2009	10/31/2005	12/21/2009	05/13/2010	VE	TRUE	FALSE	RPKGD was 62518 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1991	12/21/2009	01/19/2008	12/21/2009	03/08/2010	VE	TRUE	FALSE	RPKGD was 55962 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/2002	12/21/2009	01/26/2004	12/21/2009	06/27/2010	VE	TRUE	FALSE	RPKGD was S823300 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006	12/21/2009	07/31/2006	12/21/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 62549 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1980	12/21/2009	01/26/2004	12/21/2009	05/13/2010		FALSE	FALSE	RPKGD was S804955 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/2001	12/21/2009	01/26/2004	12/21/2009	05/23/2010		FALSE	FALSE	RPKGD was 58382 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2003	12/21/2009	06/12/2003	12/21/2009	05/13/2010		FALSE	FALSE	RPKGD was 61216 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/2000	12/21/2009	12/12/2000	12/21/2009	05/05/2010		FALSE	FALSE	RPKGD was 58353 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2006	12/21/2009	11/15/2006	12/21/2009	09/28/2010		FALSE	FALSE	RPKGD was 63593 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/21/2009	12/31/1999	12/21/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was S862061 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

83809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/22/2009	12/31/1999	12/22/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was S860168 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1981	12/22/2009	01/26/2004	12/22/2009	04/22/2010	VE	TRUE	FALSE	RPKGD was S811733 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	12/22/2009	01/26/2004	12/22/2009	05/11/2010	VE	TRUE	FALSE	RPKGD was S860171 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1999	12/22/2009	08/19/1999	12/22/2009	05/13/2010		FALSE	FALSE	RPKGD was 58021 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	12/22/2009	12/31/1999	12/22/2009	05/06/2010		FALSE	FALSE	RPKGD was S855276 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1989	12/22/2009	12/08/1989	12/22/2009	03/02/2010	VE	TRUE	FALSE	RPKGD was 52098 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/17/1988	12/22/2009	01/26/2004	12/22/2009	03/09/2010	VE	TRUE	FALSE	RPKGD was 53392 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/22/2009	01/26/2004	12/22/2009	05/13/2010		FALSE	FALSE	RPKGD was S834716 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	12/23/2009	01/26/2004	12/23/2009	05/06/2010		FALSE	FALSE	RPKGD was S834618 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	01/04/2010	01/26/2004	01/04/2010	04/28/2010	VE	TRUE	FALSE	RPKGD was S813409 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1988	01/04/2010	01/26/2004	01/04/2010	06/05/2010		FALSE	FALSE	RPKGD was S881560 OLD AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1996	01/04/2010	01/26/2004	01/04/2010	05/22/2010	VE	TRUE	FALSE	RPKGD was 56206 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	01/04/2010	01/26/2004	01/04/2010	07/10/2012		FALSE	FALSE	RPKGD was S824979 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	01/05/2010	01/26/2004	01/05/2010	08/31/2010	VE	TRUE	FALSE	RPKGD was S824080 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2008	01/05/2010	01/14/2008	01/05/2010	04/28/2010	VE	TRUE	FALSE	RPKGD was 64115 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/05/2010	03/13/2003	01/05/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 59148 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/2003	01/05/2010	01/26/2004	01/05/2010	05/13/2010		FALSE	FALSE	RPKGD was S834657 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	01/05/2010	01/26/2004	01/05/2010	09/13/2010		FALSE	FALSE	RPKGD was S783748 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/05/2010	01/26/2004	01/05/2010	07/01/2012	Rejected	FALSE	FALSE	RPKGD was S843677 (require overpacking) Rejected a — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83853	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/05/2010	01/26/2004	01/05/2010	07/13/2010		FALSE	FALSE	RPKGD was S843677 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/03/2003	01/05/2010	10/03/2003	01/05/2010	03/07/2011		FALSE	FALSE	RPKGD was 61767 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1998	01/06/2010	01/26/2004	01/06/2010	05/22/2010	VE	TRUE	FALSE	RPKGD was 57714 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1990	01/06/2010	01/26/2004	01/06/2010	03/02/2010	VE	TRUE	FALSE	RPKGD was 54993 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/06/2010	12/31/1999	01/06/2010	07/26/2010	VE	TRUE	FALSE	RPKGD was S855585 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1990	01/06/2010		01/06/2010	04/28/2010	VE	TRUE	FALSE	RPKGD was 53986 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	01/06/2010	01/26/2004	01/06/2010	05/22/2010	VE	TRUE	FALSE	RPKGD was S841170 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2006	01/06/2010	08/14/2006	01/06/2010	06/02/2010		FALSE	FALSE	RPKGD was 63255 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/06/2010	12/31/1999	01/06/2010	07/27/2010		FALSE	FALSE	RPKGD was S862083 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	01/06/2010	12/31/1999	01/06/2010	10/05/2010		FALSE	FALSE	RPKGD was S855948 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/06/2010	12/31/1999	01/06/2010	05/17/2010		FALSE	FALSE	RPKGD was S870178 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/07/2010	12/31/1999	01/07/2010	05/23/2010		FALSE	FALSE	RPKGD was S862384 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	01/07/2010	12/31/1999	01/07/2010	05/17/2010	VE	TRUE	FALSE	RPKGD was S862256 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/2001	01/07/2010	07/31/2006	01/07/2010	05/23/2010	VE	TRUE	FALSE	RPKGD was 52328 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/07/2010	12/31/1999	01/07/2010	06/10/2010		FALSE	FALSE	RPKGD was S862299 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1993	01/08/2010		01/08/2010	04/28/2010	VE	TRUE	FALSE	RPKGD was 54860 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/2002	01/08/2010	01/26/2004	01/08/2010	09/28/2010		FALSE	FALSE	RPKGD was 56048 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/06/1992	01/11/2010	01/26/2004	01/11/2010	03/02/2010	VE	TRUE	FALSE	RPKGD was 54736 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/11/2010	12/31/1999	01/11/2010	05/05/2010		FALSE	FALSE	RPKGD was S860034 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005	01/11/2010	10/13/2005	01/11/2010	05/17/2010		FALSE	FALSE	RPKGD was 62488 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83895	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/11/2010	01/26/2004	01/11/2010	04/25/2010	VE	TRUE	FALSE	RPKGD was 61106 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	01/11/2010	01/26/2004	01/11/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 82316 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

83899	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2002	01/11/2010	09/05/2002	01/11/2010	06/01/2011	VE	TRUE	FALSE	RPKGD was 59486 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	01/12/2010	12/31/1999	01/12/2010	05/05/2010	VE	TRUE	FALSE	RPKGD was 81847 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	01/12/2010	01/26/2004	01/12/2010	04/21/2010	VE	TRUE	FALSE	RPKGD was 81552 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1996	01/12/2010	01/26/2004	01/12/2010	04/21/2010	VE	TRUE	FALSE	RPKGD was 56284 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2000	01/12/2010	01/26/2004	01/12/2010	05/08/2010	VE	TRUE	FALSE	RPKGD was 56354 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1990	01/12/2010		01/12/2010	04/21/2010	VE	TRUE	FALSE	RPKGD was 54151 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/1988	01/12/2010		01/12/2010	05/09/2010		FALSE	FALSE	RPKGD was 53324 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	01/12/2010	01/26/2004	01/12/2010	04/22/2010	VE	TRUE	FALSE	RPKGD was S818353 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
83919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/13/2010	12/11/2002	01/13/2010	05/13/2010		FALSE	FALSE	RPKGD was 60408 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/2005	01/13/2010	07/31/2006	01/13/2010	04/21/2010	VE	TRUE	FALSE	RPKGD was 62293 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/23/1990	01/13/2010	01/26/2004	01/13/2010	04/21/2010	VE	TRUE	FALSE	RPKGD was 52925 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1991	01/13/2010		01/13/2010	04/22/2010	VE	TRUE	FALSE	RPKGD was 54488 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1987	01/13/2010	08/24/2002	01/13/2010	04/21/2010	VE	TRUE	FALSE	RPKGD was 53365 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/13/2010	01/26/2004	01/13/2010	05/05/2010		FALSE	FALSE	RPKGD was S833901 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/13/2010	01/26/2004	01/13/2010	05/23/2010		FALSE	FALSE	RPKGD was S841264 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1988	01/13/2010		01/13/2010	04/26/2010	VE	TRUE	FALSE	RPKGD was 53606 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	01/13/2010	01/26/2004	01/13/2010	05/13/2010		FALSE	FALSE	RPKGD was S834650 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	01/15/2010	01/26/2004	01/15/2010	06/10/2010		FALSE	FALSE	RPKGD was S842376 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	01/15/2010	01/26/2004	01/15/2010	04/22/2010	VE	TRUE	FALSE	RPKGD was S834734 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83947	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	01/15/2010	01/26/2004	01/15/2010	08/08/2010	VE	TRUE	TRUE	RPKGD was S834734 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/15/2010	01/26/2004	01/15/2010	06/20/2010		FALSE	FALSE	RPKGD was S841323 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/15/2010	01/26/2004	01/15/2010	05/02/2010	VE	TRUE	FALSE	RPKGD was S833071 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	01/15/2010	01/26/2004	01/15/2010	04/22/2010	VE	TRUE	FALSE	RPKGD was S842482 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83959	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2002	01/15/2010	07/31/2006	01/15/2010	05/06/2010		FALSE	FALSE	RPKGD was 59784 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	01/19/2010	01/26/2004	01/19/2010	04/22/2010	VE	TRUE	FALSE	RPKGD was S855218 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/19/2010	01/26/2004	01/19/2010	04/22/2010	VE	TRUE	FALSE	RPKGD was S822709 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83964	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/19/2010	01/26/2004	01/19/2010	07/11/2010	VE	TRUE	TRUE	RPKGD was S822709 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/20/2010	01/26/2004	01/20/2010	04/21/2010	VE	TRUE	FALSE	RPKGD was 83965 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83968	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/20/2010	01/26/2004	01/20/2010	07/11/2010	VE	TRUE	FALSE	RPKGD was 83965 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/20/2010	12/31/1999	01/20/2010	05/23/2010		FALSE	FALSE	RPKGD was S862365 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83971	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/20/2010	12/31/1999	01/20/2010	07/13/2010		FALSE	FALSE	RPKGD was S862365 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/20/2010	12/31/1999	01/20/2010	08/21/2010		FALSE	FALSE	RPKGD was S855126 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	01/20/2010	12/31/1999	01/20/2010	06/05/2010		FALSE	FALSE	RPKGD was S860080 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/20/2010	12/31/1999	01/20/2010	09/07/2010		FALSE	FALSE	RPKGD was S862366 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/20/2010	12/31/1999	01/20/2010	05/23/2010		FALSE	FALSE	RPKGD was S855650 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/20/2010	12/31/1999	01/20/2010	05/13/2010		FALSE	FALSE	RPKGD was S855649 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/20/2010		01/20/2010	06/02/2010		FALSE	FALSE	RPKGD was S855689 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
83985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/20/2010	12/31/1999	01/20/2010	07/26/2010		FALSE	FALSE	RPKGD was S855908 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/21/2010	12/31/1999	01/21/2010	05/22/2010	VE	TRUE	FALSE	RPKGD was S855834 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	01/21/2010	01/26/2004	01/21/2010	05/02/2010	VE	TRUE	FALSE	RPKGD was 83699 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83990	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	01/21/2010	01/26/2004	01/21/2010	08/08/2010	VE	TRUE	TRUE	RPKGD was 83699 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

83992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/21/2010	12/31/1999	01/21/2010	06/02/2010		FALSE	FALSE	RPKGD was S861794 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/21/2010	12/31/1999	01/21/2010	05/23/2010		FALSE	FALSE	RPKGD was S861747 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/21/2010	12/31/1999	01/21/2010	06/02/2010		FALSE	FALSE	RPKGD was S860002 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
83998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	01/21/2010	12/31/1999	01/21/2010	09/14/2010		FALSE	FALSE	RPKGD was S853715 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1995	01/22/2010	12/31/1999	01/22/2010	03/08/2010	VE	TRUE	FALSE	RPKGD was S853642 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1996	01/22/2010	01/26/2004	01/22/2010	05/27/2010		FALSE	FALSE	RPKGD was 57720 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/22/2010	12/31/1999	01/22/2010	10/29/2010	VE	TRUE	FALSE	RPKGD was S862044 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	01/22/2010	12/31/1999	01/22/2010	06/02/2010		FALSE	FALSE	RPKGD was S861947 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/22/2010	12/31/1999	01/22/2010	06/27/2010		FALSE	FALSE	RPKGD was S862381 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/22/2010	12/31/1999	01/22/2010	08/05/2010		FALSE	FALSE	RPKGD was S862454 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1989	01/24/2010		01/24/2010	05/13/2010		FALSE	FALSE	RPKGD was 52560 (require overpacking) 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1989	01/24/2010		01/24/2010	09/28/2010		FALSE	FALSE	RPKGD was 52560 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/25/2010	12/31/1999	01/25/2010	03/08/2011		FALSE	FALSE	RPKGD was S862453 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	01/25/2010	12/31/1999	01/25/2010	07/27/2010		FALSE	FALSE	RPKGD was S855127 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1990	01/25/2010	01/26/2004	01/25/2010	06/15/2010		FALSE	FALSE	RPKGD was 52938 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1990	01/25/2010	01/26/2004	01/25/2010	06/18/2010		FALSE	FALSE	RPKGD was 52938 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/1989	01/25/2010	01/26/2004	01/25/2010	06/18/2010		FALSE	FALSE	RPKGD was 52391 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/26/2010	12/31/1999	01/26/2010	06/20/2010		FALSE	FALSE	RPKGD was S862949 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1987	01/26/2010	01/26/2004	01/26/2010	05/27/2010		FALSE	FALSE	RPKGD was 53329 231 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/26/2010	12/31/1999	01/26/2010	08/24/2010		FALSE	FALSE	RPKGD was S862982 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	01/26/2010	12/31/1999	01/26/2010	06/10/2010		FALSE	FALSE	RPKGD was S864685 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	01/26/2010	12/31/1999	01/26/2010	11/01/2010		FALSE	FALSE	RPKGD was S863043 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	01/26/2010	12/31/1999	01/26/2010	09/15/2010		FALSE	FALSE	RPKGD was S864184 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/26/2010	12/31/1999	01/26/2010	09/11/2010		FALSE	FALSE	RPKGD was S862509 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/26/2010	12/31/1999	01/26/2010	06/26/2010		FALSE	FALSE	RPKGD was S862477 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84040	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/26/2010	12/31/1999	01/26/2010	07/11/2010		FALSE	FALSE	RPKGD was S862477 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/26/2010	12/31/1999	01/26/2010	09/13/2010		FALSE	FALSE	RPKGD was S863001 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	01/26/2010	12/31/1999	01/26/2010	09/18/2010		FALSE	FALSE	RPKGD was S864566 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	01/26/2010	12/31/1999	01/26/2010	08/01/2010		FALSE	FALSE	RPKGD was S864708 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/26/2010	12/31/1999	01/26/2010	11/16/2010		FALSE	FALSE	RPKGD was S862478 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	01/27/2010	12/31/1999	01/27/2010	10/12/2010		FALSE	FALSE	RPKGD was S863654 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84053	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/27/2010	12/31/1999	01/27/2010	06/21/2010		FALSE	FALSE	RPKGD was S863018 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1988	01/27/2010	01/26/2004	01/27/2010	06/15/2010		FALSE	FALSE	RPKGD was 53328 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	01/27/2010	12/31/1999	01/27/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was S864635 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/27/2010	12/31/1999	01/27/2010	09/07/2010	VE	TRUE	FALSE	RPKGD was S862478 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1988	01/27/2010	01/26/2004	01/27/2010	06/11/2010		FALSE	FALSE	RPKGD was 53328 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1999	01/27/2010	01/26/2004	01/27/2010	06/20/2010		FALSE	FALSE	RPKGD was 60949 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	01/27/2010	12/31/1999	01/27/2010	06/20/2010		FALSE	FALSE	RPKGD was S863730 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/27/2010	01/26/2004	01/27/2010	06/16/2010		FALSE	FALSE	RPKGD was S841322 H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	01/27/2010	12/31/1999	01/27/2010	06/11/2010		FALSE	FALSE	RPKGD was S871872 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/27/2010	01/26/2004	01/27/2010	05/24/2010		FALSE	FALSE	RPKGD was S843808 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/27/2010	12/31/1999	01/27/2010	06/20/2010		FALSE	FALSE	RPKGD was S870031 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	01/27/2010	01/26/2004	01/27/2010	05/24/2010		FALSE	FALSE	RPKGD was S793711 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

84078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/21/1983	01/28/2010	01/28/2004	01/28/2010	05/13/2010		FALSE	FALSE	RPKGD was S834416 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/24/1987	01/28/2010	12/31/1999	01/28/2010	08/02/2010		FALSE	FALSE	RPKGD was S870146 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/05/1995	01/28/2010	01/28/2004	01/28/2010	07/28/2010		FALSE	FALSE	RPKGD was 61007 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/19/1986	01/28/2010	12/31/1999	01/28/2010	10/12/2010		FALSE	FALSE	RPKGD was S861792 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/25/1984	01/28/2010	01/28/2004	01/28/2010	05/22/2010		FALSE	FALSE	RPKGD was S845136 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/10/2001	01/28/2010	01/28/2004	01/28/2010	05/27/2010		FALSE	FALSE	RPKGD was 59390 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	01/28/2010	12/31/1999	01/28/2010	07/31/2010	VE	TRUE	FALSE	RPKGD was S870165 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	01/28/2010	01/28/2004	01/28/2010	05/25/2010		FALSE	FALSE	RPKGD was S870127 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	03/24/1987	01/28/2010	01/28/2004	01/28/2010	05/25/2010		FALSE	FALSE	RPKGD was 60468 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	03/13/1984	01/29/2010	01/28/2004	01/29/2010	05/17/2010	VE	TRUE	FALSE	RPKGD was S842534 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/14/1984	01/29/2010	01/28/2004	01/29/2010	08/02/2010		FALSE	FALSE	RPKGD was S842409 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/30/1983	01/29/2010	01/28/2004	01/29/2010	08/21/2010		FALSE	FALSE	RPKGD was S835344 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/19/1986	01/29/2010	12/31/1999	01/29/2010	07/28/2010		FALSE	FALSE	RPKGD was S860187 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/02/1991	01/29/2010	01/28/2004	01/29/2010	05/25/2010		FALSE	FALSE	RPKGD was 60903 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/20/1991	01/30/2010	01/28/2004	01/30/2010	08/18/2010		FALSE	FALSE	RPKGD was 61042 231 — P_MT42=No ,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/20/1991	01/30/2010	01/28/2004	01/30/2010	05/27/2010		FALSE	FALSE	RPKGD was 61042 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/07/1994	01/30/2010	01/28/2004	01/30/2010	05/22/2010		FALSE	FALSE	RPKGD was 60984 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/14/1998	01/30/2010	01/28/2004	01/30/2010	05/22/2010		FALSE	FALSE	RPKGD was 60987 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/14/1998	01/30/2010	01/28/2004	01/30/2010	08/11/2010		FALSE	FALSE	RPKGD was 60987 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/18/1993	01/31/2010	01/28/2004	01/31/2010	05/27/2010		FALSE	FALSE	RPKGD was 60985 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/18/1993	01/31/2010	01/28/2004	01/31/2010	05/25/2010		FALSE	FALSE	RPKGD was 60985 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	06/08/1990	01/31/2010	01/28/2004	01/31/2010	05/22/2010		FALSE	FALSE	RPKGD was 60911 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	06/08/1990	01/31/2010	01/28/2004	01/31/2010	05/27/2010		FALSE	FALSE	RPKGD was 60911 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/30/1983	02/01/2010	01/28/2004	02/01/2010	07/27/2010		FALSE	FALSE	RPKGD was S835385 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/18/1980	02/01/2010	01/28/2004	02/01/2010	08/12/2010		FALSE	FALSE	RPKGD was S803122 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/10/1985	02/01/2010		02/01/2010	03/11/2010	VE	TRUE	FALSE	RPKGD was S855304 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/31/1995	02/01/2010	05/08/2008	02/01/2010	08/12/2010		FALSE	FALSE	RPKGD was 55688 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/05/1981	02/01/2010	01/28/2004	02/01/2010	08/05/2010		FALSE	FALSE	RPKGD was S813304 (require overpacking) — P_MT42=MT42 No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/18/1982	02/01/2010	12/31/2001	02/01/2010	09/07/2010		FALSE	FALSE	RPKGD was S823173 (require overpacking) SUSPECTED — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/09/1983	02/02/2010	01/28/2004	02/02/2010	08/10/2010		FALSE	FALSE	RPKGD was 84131 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84144	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/09/1983	02/02/2010	01/28/2004	02/02/2010	07/13/2010		FALSE	FALSE	RPKGD was 84131 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=1 HOLD_FLAG=
84147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	06/18/1992	02/02/2010	01/28/2004	02/02/2010	08/11/2010		FALSE	FALSE	RPKGD was 54810 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/10/1981	02/02/2010	01/28/2004	02/02/2010	08/12/2010		FALSE	FALSE	RPKGD was S817525 OLD AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/02/1981	02/02/2010	01/28/2004	02/02/2010	08/15/2010		FALSE	FALSE	RPKGD was S813598 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/02/1981	02/02/2010	01/28/2004	02/02/2010	05/24/2010		FALSE	FALSE	RPKGD was S813597 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	09/19/1980	02/02/2010	01/28/2004	02/02/2010	05/24/2010		FALSE	FALSE	RPKGD was S802921 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	02/03/2010	01/28/2004	02/03/2010	08/11/2010		FALSE	FALSE	RPKGD was S870160 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	02/03/2010	01/28/2004	02/03/2010	05/24/2010		FALSE	FALSE	RPKGD was S870141 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/17/1983	02/03/2010	01/28/2004	02/03/2010	08/11/2010		FALSE	FALSE	RPKGD was 57756 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/02/1981	02/03/2010	01/28/2004	02/03/2010	08/15/2010		FALSE	FALSE	RPKGD was S813413 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	03/17/1981	02/03/2010	01/28/2004	02/03/2010	08/11/2010		FALSE	FALSE	RPKGD was S811780 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/04/1981	02/03/2010	01/28/2004	02/03/2010	08/18/2010		FALSE	FALSE	RPKGD was S816406 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

84171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	02/03/2010	12/31/1999	02/03/2010	08/10/2010		FALSE	FALSE	RPKGD was S864322 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	02/03/2010	12/31/1999	02/03/2010	06/27/2010		FALSE	FALSE	RPKGD was S864582 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84176	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	02/04/2010	12/31/1999	02/04/2010	07/27/2010		FALSE	FALSE	RPKGD was S870110 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	02/04/2010	01/26/2004	02/04/2010	06/08/2010		FALSE	FALSE	RPKGD was 61057 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	02/04/2010	12/31/1999	02/04/2010	08/05/2010		FALSE	FALSE	RPKGD was S864606 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	02/04/2010	12/31/1999	02/04/2010	08/12/2010		FALSE	FALSE	RPKGD was S862479 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84188	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1999	07/20/2010	05/14/1685	07/20/2010			FALSE	FALSE	RPKGD into 66598 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
84190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	02/05/2010	01/26/2004	02/05/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was S846568 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	02/05/2010	01/26/2004	02/05/2010	06/11/2010		FALSE	FALSE	RPKGD was S863028 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/05/2010	01/26/2004	02/05/2010	06/10/2010		FALSE	FALSE	RPKGD was 61152 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	02/05/2010	01/26/2004	02/05/2010	06/24/2010		FALSE	FALSE	RPKGD was S871897 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/09/2010	01/26/2004	02/09/2010	06/12/2010		FALSE	FALSE	RPKGD was S822909 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/09/2010	01/26/2004	02/09/2010	06/15/2010		FALSE	FALSE	RPKGD was S822934 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	02/09/2010	01/26/2004	02/09/2010	06/12/2010		FALSE	FALSE	RPKGD was S811624 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	02/10/2010	01/26/2004	02/10/2010	07/31/2010		FALSE	FALSE	RPKGD was S813392 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	02/10/2010	01/26/2004	02/10/2010	07/10/2010		FALSE	FALSE	RPKGD was S811844 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981	02/10/2010	01/26/2004	02/10/2010	07/27/2010		FALSE	FALSE	RPKGD was S813627 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	02/10/2010	01/26/2004	02/10/2010	06/12/2010		FALSE	FALSE	RPKGD was 60449 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/10/2010	01/26/2004	02/10/2010	07/23/2010		FALSE	FALSE	RPKGD was S844285 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	02/10/2010	01/26/2004	02/10/2010	07/28/2010		FALSE	FALSE	RPKGD was S870038 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84223	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/10/2010	01/26/2004	02/10/2010	06/24/2010		FALSE	FALSE	RPKGD was S845098 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	02/10/2010	01/26/2004	02/10/2010	08/19/2010		FALSE	FALSE	RPKGD was 61167 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1990	02/10/2010		02/10/2010	08/05/2010		FALSE	FALSE	RPKGD was 54190 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	02/10/2010	01/26/2004	02/10/2010	06/08/2010		FALSE	FALSE	RPKGD was S870221 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/29/1996	02/10/2010	01/26/2004	02/10/2010	05/20/2010	VE	TRUE	FALSE	RPKGD was 56129 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	02/10/2010	01/16/2004	02/10/2010	08/10/2010		FALSE	FALSE	RPKGD was S802639 (require overpacking) 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	02/10/2010	01/26/2004	02/10/2010	06/11/2010		FALSE	FALSE	RPKGD was S816695 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	02/10/2010	01/26/2004	02/10/2010	08/10/2010		FALSE	FALSE	RPKGD was S813493 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84245	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	02/11/2010	01/26/2004	02/11/2010	08/06/2010		FALSE	FALSE	RPKGD was S803037 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003	02/11/2010	07/31/2006	02/11/2010	08/19/2010		FALSE	FALSE	RPKGD was 61718 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	02/11/2010	01/26/2004	02/11/2010	06/10/2010		FALSE	FALSE	RPKGD was S811859 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	02/11/2010	01/26/2004	02/11/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was S813414 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/11/2010	12/31/1999	02/11/2010	10/13/2010		FALSE	FALSE	RPKGD was S860036 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	02/11/2010	12/31/1999	02/11/2010	09/15/2010		FALSE	FALSE	RPKGD was S862948 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	02/11/2010	01/26/2004	02/11/2010	07/27/2010		FALSE	FALSE	RPKGD was S816369 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/11/2010	01/26/2004	02/11/2010	06/15/2010		FALSE	FALSE	RPKGD was S833273 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1995	02/11/2010	03/21/2003	02/11/2010	08/11/2010		FALSE	FALSE	RPKGD was 59170 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/1980	02/11/2010	01/26/2004	02/11/2010	06/12/2010		FALSE	FALSE	RPKGD was 61075 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/28/1980	02/11/2010	01/26/2004	02/11/2010	06/12/2010		FALSE	FALSE	RPKGD was 61075 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	02/11/2010	12/31/1999	02/11/2010	08/10/2010		FALSE	FALSE	RPKGD was S853814 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1996	02/11/2010	01/26/2004	02/11/2010	06/15/2010		FALSE	FALSE	RPKGD was 61056 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	02/11/2010	12/31/1999	02/11/2010	08/10/2010		FALSE	FALSE	RPKGD was S853737 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

84275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1991	02/12/2010	01/26/2004	02/12/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 54515 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	02/12/2010	01/26/2004	02/12/2010	06/10/2010		FALSE	FALSE	RPKGD was 61005 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	02/12/2010	01/26/2004	02/12/2010	06/21/2010		FALSE	FALSE	RPKGD was S802760 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	02/12/2010	01/26/2004	02/12/2010	05/27/2010		FALSE	FALSE	RPKGD was 61077 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1992	02/12/2010	01/26/2004	02/12/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 54743 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/2000	02/13/2010	01/26/2004	02/13/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 58012 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1991	02/13/2010		02/13/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 54485 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
84292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1993	02/13/2010	01/26/2004	02/13/2010	06/11/2010		FALSE	FALSE	RPKGD was 55149 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1996	02/13/2010	01/26/2004	02/13/2010	05/22/2010	VE	TRUE	FALSE	RPKGD was 56008 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1996	02/13/2010	05/06/2008	02/13/2010	11/24/2010		FALSE	FALSE	RPKGD was 56903 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	02/13/2010	01/26/2004	02/13/2010	08/05/2010		FALSE	FALSE	RPKGD was S813465 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	02/14/2010	01/26/2004	02/14/2010	06/27/2010		FALSE	FALSE	RPKGD was S870120 (require overpacking) 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	02/14/2010	01/26/2004	02/14/2010	08/05/2010		FALSE	FALSE	RPKGD was S802822 (require overpacking) 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002	02/15/2010	01/26/2004	02/15/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 56918 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/2002	02/15/2010	01/26/2004	02/15/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 56918 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	02/15/2010	01/26/2004	02/15/2010	06/15/2010		FALSE	FALSE	RPKGD was 60952 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	02/15/2010	01/26/2004	02/15/2010	06/12/2010		FALSE	FALSE	RPKGD was 60952 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003	02/16/2010	07/31/2006	02/16/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 60144 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/16/2010	01/26/2004	02/16/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 59288 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1990	02/16/2010	01/26/2004	02/16/2010	06/24/2010		FALSE	FALSE	RPKGD was 52076 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003	02/16/2010	07/31/2006	02/16/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 61730 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	02/16/2010	01/26/2004	02/16/2010	05/23/2010	VE	TRUE	FALSE	RPKGD was S811802 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2002	02/16/2010	01/26/2004	02/16/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 59481 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	02/16/2010	01/26/2004	02/16/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S802823 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1988	02/16/2010	01/26/2004	02/16/2010	07/23/2010		FALSE	FALSE	RPKGD was 53665 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/16/2010	01/26/2004	02/16/2010	05/17/2010	VE	TRUE	FALSE	RPKGD was 60926 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	02/17/2010	01/26/2004	02/17/2010	06/16/2010		FALSE	FALSE	RPKGD was 52122 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006	02/17/2010	07/31/2006	02/17/2010	04/25/2012		FALSE	FALSE	RPKGD was 62551 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	02/17/2010	01/26/2004	02/17/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 60828 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2000	02/17/2010	07/31/2006	02/17/2010	06/16/2010		FALSE	FALSE	RPKGD was 52841 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/1992	02/17/2010	01/26/2004	02/17/2010	06/19/2012	Rejected	FALSE	FALSE	RPKGD was 54842 Rejected for Frozen liquids — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/2000	02/17/2010	07/31/2006	02/17/2010	06/24/2010		FALSE	FALSE	RPKGD was 52841 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003	02/17/2010	07/31/2006	02/17/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 60170 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/1990	02/17/2010		02/17/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 54122 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	02/17/2010	01/26/2004	02/17/2010	05/23/2010	VE	TRUE	FALSE	RPKGD was 60932 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84368	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1994	02/18/2010	01/26/2004	02/18/2010			FALSE	FALSE	RPKGD was 55465 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1999	02/18/2010	07/31/2006	02/18/2010	06/06/2010	VE	TRUE	FALSE	RPKGD was 56065 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2003	02/18/2010	08/03/2003	02/18/2010	08/19/2010		FALSE	FALSE	RPKGD was 61208 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/2003	02/18/2010	09/25/2003	02/18/2010	10/12/2010		FALSE	FALSE	RPKGD was 61757 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	02/18/2010	01/26/2004	02/18/2010	06/12/2010		FALSE	FALSE	RPKGD was S804984 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	02/18/2010	01/26/2004	02/18/2010	06/06/2010	VE	TRUE	FALSE	RPKGD was S824069 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	02/18/2010	01/26/2004	02/18/2010	07/10/2010		FALSE	FALSE	RPKGD was 60861 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1994	02/19/2010	01/26/2004	02/19/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 55508 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

84384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1980	02/19/2010	01/26/2004	02/19/2010	08/16/2010	VE	TRUE	FALSE	RPKGD was S805295 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84385	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1980	02/19/2010	01/26/2004	02/19/2010	08/06/2010	VE	TRUE	FALSE	RPKGD was S805295 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/1998	02/19/2010	01/26/2004	02/19/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 60464 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1998	02/19/2010	01/26/2004	02/19/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 60977 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	02/21/2010	01/26/2004	02/21/2010	06/18/2010		FALSE	FALSE	RPKGD was S802577 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	02/22/2010	01/26/2004	02/22/2010	06/06/2010	VE	TRUE	FALSE	RPKGD was S842317 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1984	02/22/2010	01/26/2004	02/22/2010	06/21/2010	VE	TRUE	FALSE	RPKGD was S811795 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/31/1997	02/22/2010		02/22/2010	07/28/2010		FALSE	FALSE	RPKGD was 56350 231 — P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
84411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	02/22/2010	01/26/2004	02/22/2010	05/17/2010	VE	TRUE	FALSE	RPKGD was S816444 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2008	02/22/2010	06/02/2008	02/22/2010	05/17/2010	VE	TRUE	FALSE	RPKGD was 64204 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	02/22/2010	01/26/2004	02/22/2010	06/06/2010	VE	TRUE	FALSE	RPKGD was 60709 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	02/22/2010	12/18/2002	02/22/2010	08/16/2010	VE	TRUE	FALSE	RPKGD was 82488 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84423	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/23/2010	01/26/2004	02/23/2010	08/23/2010	VE	TRUE	FALSE	RPKGD was S845150 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/23/2010	01/26/2004	02/23/2010	06/06/2010	VE	TRUE	FALSE	RPKGD was 59114 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/23/2010	01/26/2004	02/23/2010	06/24/2010		FALSE	FALSE	RPKGD was S842455 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	02/23/2010	01/26/2004	02/23/2010	06/24/2010		FALSE	FALSE	RPKGD was S804920 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	02/23/2010	12/31/1999	02/23/2010	09/11/2010		FALSE	FALSE	RPKGD was S855893 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/1999	02/23/2010	01/26/2004	02/23/2010	05/17/2010	VE	TRUE	FALSE	RPKGD was 54681 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1994	02/23/2010	01/26/2004	02/23/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 55554 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1994	02/23/2010	01/26/2004	02/23/2010	08/12/2010	VE	TRUE	FALSE	RPKGD was S852540 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84444	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/24/2010	01/26/2004	02/24/2010	06/06/2010	VE	TRUE	FALSE	RPKGD was 60900 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84445	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/24/2010	01/26/2004	02/24/2010	07/13/2010	VE	TRUE	FALSE	RPKGD was 60900 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/24/2010	01/26/2004	02/24/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was S844681 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	02/24/2010	01/26/2004	02/24/2010	06/23/2010		FALSE	FALSE	RPKGD was S802716 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/1990	02/24/2010	01/26/2004	02/24/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was 54326 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		02/24/2010	01/26/2004	02/24/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 54530 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2003	02/24/2010	05/16/2003	02/24/2010	04/10/2011		FALSE	FALSE	RPKGD was 60681 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/24/2010	01/26/2004	02/24/2010	06/24/2010		FALSE	FALSE	RPKGD was S835383 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84464	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/24/2010	12/31/1999	02/24/2010	08/10/2010		FALSE	FALSE	RPKGD was S862380 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1987	02/24/2010	01/26/2004	02/24/2010	06/24/2010		FALSE	FALSE	RPKGD was 53373 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	02/24/2010	01/26/2004	02/24/2010	06/24/2010		FALSE	FALSE	RPKGD was S813215 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	02/24/2010	01/26/2004	02/24/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was S870218 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	02/24/2010	01/26/2004	02/24/2010	08/16/2010	VE	TRUE	FALSE	RPKGD was S871916 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	02/24/2010	01/26/2004	02/24/2010	05/27/2010		FALSE	FALSE	RPKGD was 52499 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	02/25/2010	05/19/2003	02/25/2010	08/12/2010	VE	TRUE	FALSE	RPKGD was 60693 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1994	02/25/2010	01/26/2004	02/25/2010	08/24/2010		FALSE	FALSE	RPKGD was 55477 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2005	02/25/2010	07/31/2008	02/25/2010	06/20/2010	VE	TRUE	FALSE	RPKGD was 62214 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2005	02/25/2010	07/31/2008	02/25/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was 62103 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/16/2004	02/25/2010	12/14/2008	02/25/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was 62224 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/1991	02/25/2010	01/26/2004	02/25/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was 54555 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/25/2010	01/26/2004	02/25/2010	06/24/2010		FALSE	FALSE	RPKGD was S845328 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84502	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1991	02/25/2010	01/26/2004	02/25/2010	06/16/2010		FALSE	FALSE	RPKGD was 53192 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/17/2003	02/26/2010	07/31/2008	02/26/2010	06/10/2010	VE	TRUE	FALSE	RPKGD was 61715 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	02/26/2010	01/26/2004	02/26/2010	08/24/2010		FALSE	FALSE	RPKGD was S824057 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/26/2010	01/26/2004	02/26/2010	06/12/2010		FALSE	FALSE	RPKGD was S832596 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

84510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/24/1983	02/26/2010	01/26/2004	02/26/2010	06/06/2010		FALSE	FALSE	RPKGD was S833929 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1981	02/26/2010	01/26/2004	02/26/2010	06/21/2010	VE	TRUE	FALSE	RPKGD was S810811 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84514	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/14/1983	02/26/2010	01/26/2004	02/26/2010	06/12/2010		FALSE	FALSE	RPKGD was S832505 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/17/1981	02/26/2010	01/26/2004	02/26/2010	05/27/2010		FALSE	FALSE	RPKGD was S811782 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/30/1990	02/26/2010	01/26/2004	02/26/2010	06/12/2010		FALSE	FALSE	RPKGD was S816710 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/30/1990	02/26/2010	01/26/2004	02/26/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was 80742 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/19/1984	02/26/2010	01/26/2004	02/26/2010	06/10/2010		FALSE	FALSE	RPKGD was S846577 (require overpacking) 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84531	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/01/1981	02/27/2010	01/26/2004	02/27/2010	07/10/2010		FALSE	FALSE	RPKGD was S818359 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/10/1985	03/01/2010	01/26/2004	03/01/2010	06/16/2010		FALSE	FALSE	RPKGD was S853314 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/08/1983	03/01/2010	01/26/2004	03/01/2010	06/12/2010		FALSE	FALSE	RPKGD was S834689 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/31/1991	03/01/2010	01/26/2004	03/01/2010	06/15/2010		FALSE	FALSE	RPKGD was 54579 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/22/1987	03/01/2010	01/26/2004	03/01/2010	06/11/2010		FALSE	FALSE	RPKGD was 53410 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/19/1998	03/01/2010	07/31/2006	03/01/2010	06/11/2010		FALSE	FALSE	RPKGD was 54416 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/22/1990	03/01/2010	01/26/2004	03/01/2010	08/29/2010	VE	TRUE	FALSE	RPKGD was 54954 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84564	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/12/1990	03/01/2010	01/26/2004	03/01/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 54949 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/15/2008	03/01/2010	12/14/2006	03/01/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 62837 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/26/2000	03/01/2010	01/26/2004	03/01/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was 58030 — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/21/1997	03/01/2010	01/26/2004	03/01/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 56015 — P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84576	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/28/2000	03/02/2010	01/26/2004	03/02/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 58114 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/08/1986	03/02/2010	01/26/2004	03/02/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 80503 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84580	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/18/2007	03/02/2010	10/18/2007	03/02/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 83969 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/19/1997	03/02/2010	01/26/2004	03/02/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 56344 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/15/2000	03/02/2010	07/31/2006	03/02/2010	06/16/2010		FALSE	FALSE	RPKGD was 52668 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/15/1995	03/02/2010	01/26/2004	03/02/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 56542 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	09/20/1989	03/02/2010	01/26/2004	03/02/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 60955 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/19/1979	03/02/2010		03/02/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was S793754 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/01/1981	03/02/2010	01/26/2004	03/02/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was S818275 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	01/07/1999	03/02/2010	07/31/2006	03/02/2010	06/11/2010		FALSE	FALSE	RPKGD was 54447 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/13/1983	03/02/2010	01/26/2004	03/02/2010	06/15/2010		FALSE	FALSE	RPKGD was S832593 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/23/1995	03/02/2010	01/26/2004	03/02/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 55801 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/01/1981	03/03/2010	01/26/2004	03/03/2010	06/16/2010		FALSE	FALSE	RPKGD was S818293 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/09/1992	03/03/2010	01/26/2004	03/03/2010	06/16/2010		FALSE	FALSE	RPKGD was S822706 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/19/1984	03/03/2010	01/26/2004	03/03/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 60967 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/07/1992	03/03/2010	01/26/2004	03/03/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 54819 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	07/25/1984	03/03/2010	01/26/2004	03/03/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was S845221 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/20/2000	03/03/2010	01/26/2004	03/03/2010	05/20/2010	VE	TRUE	FALSE	RPKGD was 58183 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/14/1984	03/03/2010	01/26/2004	03/03/2010	06/12/2010		FALSE	FALSE	RPKGD was S842434 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/30/1983	03/03/2010	01/26/2004	03/03/2010	06/20/2010		FALSE	FALSE	RPKGD was S835415 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/18/1992	03/03/2010	09/30/2003	03/03/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 54878 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/03/1988	03/03/2010	01/26/2004	03/03/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 80468 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/29/1982	03/03/2010	01/26/2004	03/03/2010	06/15/2010		FALSE	FALSE	RPKGD was S824985 231 — P_MT42=MT 42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/15/1980	03/03/2010	01/26/2004	03/03/2010	06/24/2010	VE	TRUE	FALSE	RPKGD was S802616 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/05/1981	03/03/2010	01/26/2004	03/03/2010	06/15/2010		FALSE	FALSE	RPKGD was S816348 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84637	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	05/05/1981	03/03/2010	01/26/2004	03/03/2010	06/10/2010		FALSE	FALSE	RPKGD was S813391 (require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	06/05/1981	03/04/2010	01/26/2004	03/04/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was S816412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

84641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	03/04/2010	01/26/2004	03/04/2010	06/16/2010		FALSE	FALSE	RPKGD was S811789 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1981	03/04/2010	01/26/2004	03/04/2010	06/08/2010		FALSE	FALSE	RPKGD was S811843 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	03/04/2010	01/26/2004	03/04/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S816468 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	03/04/2010	01/26/2004	03/04/2010	06/15/2010		FALSE	FALSE	RPKGD was S801679 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	03/04/2010	01/26/2004	03/04/2010	09/13/2010		FALSE	FALSE	RPKGD was S832595 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	03/04/2010	01/26/2004	03/04/2010	08/12/2010		FALSE	FALSE	RPKGD was S816489 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	03/04/2010	01/26/2004	03/04/2010	08/24/2010		FALSE	FALSE	RPKGD was S816463 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	03/04/2010	01/26/2004	03/04/2010	06/24/2010		FALSE	FALSE	RPKGD was S823213 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/04/2010	01/26/2004	03/04/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was S833266 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1981	03/04/2010	01/26/2004	03/04/2010	09/07/2010	VE	TRUE	FALSE	RPKGD was S843507 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	03/04/2010	01/26/2004	03/04/2010	06/15/2010		FALSE	FALSE	RPKGD was S816464 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	03/04/2010	01/26/2004	03/04/2010	06/12/2010		FALSE	FALSE	RPKGD was S816401 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1987	03/04/2010	01/26/2004	03/04/2010	06/27/2010	VE	TRUE	FALSE	RPKGD was 54822 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	03/04/2010	01/26/2004	03/04/2010	06/06/2010		FALSE	FALSE	RPKGD was S816690 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1997	03/04/2010	01/26/2004	03/04/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 56874 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84679	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1997	03/04/2010	01/26/2004	03/04/2010	07/11/2010	VE	TRUE	FALSE	RPKGD was 56874 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/1990	03/05/2010		03/05/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 54199 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	03/05/2010		03/05/2010	06/24/2010	VE	TRUE	FALSE	RPKGD was 54351 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/1996	03/05/2010	01/26/2004	03/05/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 56126 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1988	03/05/2010	01/26/2004	03/05/2010	06/11/2010		FALSE	FALSE	RPKGD was 53419 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1994	03/05/2010	01/26/2004	03/05/2010	06/18/2010		FALSE	FALSE	RPKGD was 61032 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1996	03/05/2010	01/26/2004	03/05/2010	06/12/2010		FALSE	FALSE	RPKGD was 56138 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2002	03/05/2010	01/26/2004	03/05/2010	06/10/2010	VE	TRUE	FALSE	RPKGD was 59732 --- P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
84701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	03/05/2010	01/26/2004	03/05/2010	06/27/2010		FALSE	FALSE	RPKGD was 60792 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	03/08/2010	07/31/2006	03/08/2010	08/10/2010		FALSE	FALSE	RPKGD was 61935 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2006	03/08/2010	06/27/2006	03/08/2010	07/23/2010		FALSE	FALSE	RPKGD was 62894 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2006	03/08/2010	12/14/2006	03/08/2010	08/19/2010		FALSE	FALSE	RPKGD was 62598 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005	03/08/2010	07/31/2006	03/08/2010	06/16/2010		FALSE	FALSE	RPKGD was 62432 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/2006	03/08/2010	06/27/2006	03/08/2010	07/31/2010		FALSE	FALSE	RPKGD was 62850 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84721	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2006	03/08/2010	07/17/2006	03/08/2010	06/11/2010		FALSE	FALSE	RPKGD was 63208 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	03/08/2010	01/26/2004	03/08/2010	08/24/2010		FALSE	FALSE	RPKGD was S844195 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2005	03/08/2010	12/14/2006	03/08/2010	08/12/2010		FALSE	FALSE	RPKGD was 62509 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/2006	03/08/2010	12/14/2006	03/08/2010	09/22/2010		FALSE	FALSE	RPKGD was 62898 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/08/2010	01/26/2004	03/08/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was 60928 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84730	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2006	03/08/2010	12/14/2006	03/08/2010	08/15/2010		FALSE	FALSE	RPKGD was 62887 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2003	03/08/2010	07/31/2006	03/08/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 60514 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	03/08/2010	01/26/2004	03/08/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was S851777 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	03/09/2010	01/26/2004	03/09/2010	08/24/2010		FALSE	FALSE	RPKGD was 84594 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
84743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	03/09/2010	01/26/2004	03/09/2010	06/23/2010		FALSE	FALSE	RPKGD was S833948 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/09/2010	01/26/2004	03/09/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S855682 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	03/09/2010	01/26/2004	03/09/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 60771 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	03/09/2010	01/26/2004	03/09/2010	07/27/2010		FALSE	FALSE	RPKGD was S833461 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	03/09/2010	01/26/2004	03/09/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S802738 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1990	03/09/2010	01/26/2004	03/09/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 54316 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1992	03/09/2010	01/26/2004	03/09/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 54777 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

84763	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2005	03/09/2010	12/14/2006	03/09/2010	06/08/2010		FALSE	FALSE	RPKGD was 62800 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1958	03/10/2010	01/26/2004	03/10/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 56822 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1950	03/10/2010	01/26/2004	03/10/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 60953 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	03/10/2010	01/26/2004	03/10/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was S833521 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/29/1988	03/10/2010	01/26/2004	03/10/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was S860050 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/10/2010	01/26/2004	03/10/2010	06/15/2010		FALSE	FALSE	RPKGD was S813339 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/1999	03/10/2010	01/26/2004	03/10/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 57703 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	03/10/2010	01/26/2004	03/10/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was S842568 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	03/10/2010	01/26/2004	03/10/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S813599 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	03/10/2010	01/26/2004	03/10/2010	06/05/2010		FALSE	FALSE	RPKGD was S855296 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/15/1998	03/10/2010	01/26/2004	03/10/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 57142 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1999	03/10/2010	01/26/2004	03/10/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 57786 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/2002	03/10/2010	01/26/2004	03/10/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was S9411 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/1998	03/10/2010	01/26/2004	03/10/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 55877 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84796	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/02/1987	03/10/2010	01/26/2004	03/10/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 53285 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1988	03/11/2010	01/26/2004	03/11/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 53543 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1997	03/11/2010		03/11/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was 54376 --- P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
84802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1997	03/11/2010	07/10/1997	03/11/2010	07/10/2010		FALSE	FALSE	RPKGD was 56618 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1997	03/11/2010	07/10/1997	03/11/2010	06/24/2010		FALSE	FALSE	RPKGD was 56818 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	03/11/2010	01/26/2004	03/11/2010	08/11/2010		FALSE	FALSE	RPKGD was S834514 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1992	03/11/2010	01/26/2004	03/11/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 54668 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2008	03/11/2010	07/23/2008	03/11/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 64245 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	03/11/2010	01/26/2004	03/11/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was S845230 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/11/2010	01/26/2004	03/11/2010	06/27/2010		FALSE	FALSE	RPKGD was S871837 (require overpacking) 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1980	03/11/2010	01/26/2004	03/11/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 81888 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/1989	03/11/2010	01/26/2004	03/11/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 80555 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003	03/11/2010	07/31/2006	03/11/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 60116 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/1989	03/12/2010	01/26/2004	03/12/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 80559 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/08/1994	03/12/2010	01/26/2004	03/12/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 55287 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/03/1992	03/12/2010	01/26/2004	03/12/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 80783 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	03/12/2010	01/26/2004	03/12/2010	06/05/2010	VE	TRUE	FALSE	RPKGD was 81579 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84842	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/12/2010	01/26/2004	03/12/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 80840 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1990	03/12/2010		03/12/2010	05/20/2010	VE	TRUE	FALSE	RPKGD was 54187 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
84847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1991	03/12/2010		03/12/2010	05/24/2010	VE	TRUE	FALSE	RPKGD was S4393 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
84850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1996	03/12/2010	01/26/2004	03/12/2010	06/23/2010		FALSE	FALSE	RPKGD was 60996 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1996	03/12/2010	01/26/2004	03/12/2010	06/16/2010		FALSE	FALSE	RPKGD was 60996 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1988	03/12/2010	01/26/2004	03/12/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was S4428 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1999	03/15/2010	02/02/1999	03/15/2010	05/23/2010	VE	TRUE	FALSE	RPKGD was 57192 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84859	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/1999	03/15/2010	02/02/1999	03/15/2010	06/08/2010	VE	TRUE	FALSE	RPKGD was 57192 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
84861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/24/1995	03/16/2010	01/26/2004	03/16/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 55473 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84864	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/14/2010	01/26/2004	03/14/2010	06/24/2010		FALSE	FALSE	RPKGD was S871822 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84866	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/2005	03/14/2010	07/31/2006	03/14/2010	06/23/2010		FALSE	FALSE	RPKGD was 62418 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/1996	03/16/2010	01/26/2004	03/16/2010	07/28/2010		FALSE	FALSE	RPKGD was 55816 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	03/13/2010	01/26/2004	03/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S870344 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1983	03/18/2010	01/26/2004	03/18/2010	05/20/2010	VE	TRUE	FALSE	RPKGD was 54872 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

84887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/18/2010	01/26/2004	03/18/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 82288 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1998	03/18/2010	01/26/2004	03/18/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 56824 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/2003	03/18/2010	07/31/2006	03/18/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 60101 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006	03/18/2010	07/31/2006	03/18/2010	07/10/2010		FALSE	FALSE	RPKGD was 83394 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/18/2010	01/26/2004	03/18/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 82288 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84899	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1987	03/18/2010	01/26/2004	03/18/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 53142 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1958	03/18/2010	01/26/2004	03/18/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 57749 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1998	03/18/2010	01/26/2004	03/18/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 56690 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/04/1989	03/17/2010		03/17/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 52542 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1998	03/17/2010	01/26/2004	03/17/2010	05/20/2010	VE	TRUE	FALSE	RPKGD was 56807 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/10/2003	03/17/2010	07/31/2006	03/17/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 60665 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1981	03/17/2010	01/26/2004	03/17/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 53405 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1991	03/17/2010		03/17/2010	04/27/2011	VE	TRUE	FALSE	RPKGD was 54336 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/2002	03/17/2010	01/26/2004	03/17/2010	05/27/2010	VE	TRUE	FALSE	RPKGD was 59392 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/17/2010	01/26/2004	03/17/2010	05/25/2010	VE	TRUE	FALSE	RPKGD was 81615 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1984	03/17/2010	12/31/2001	03/17/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S846849 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	03/17/2010	12/31/2001	03/17/2010	07/26/2010	VE	TRUE	FALSE	RPKGD was S833418 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	03/24/2010	01/26/2004	03/24/2010	06/24/2010		FALSE	FALSE	RPKGD was S824494 231 --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/25/2010	01/26/2004	03/25/2010	07/28/2010		FALSE	FALSE	RPKGD was S822653 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	03/25/2010	01/26/2004	03/25/2010	07/02/2010		FALSE	FALSE	RPKGD was S852535 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84935	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	03/26/2010	01/26/2004	03/26/2010	06/24/2010		FALSE	FALSE	RPKGD was S822555 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/26/2010	01/26/2004	03/26/2010	06/23/2010		FALSE	FALSE	RPKGD was S845038 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980	03/27/2010	01/26/2004	03/27/2010	06/24/2010		FALSE	FALSE	RPKGD was S802904 231 --- P_MT42=MT 42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1978	03/27/2010	01/26/2004	03/27/2010	08/12/2010		FALSE	FALSE	RPKGD was S793742 (require overpacking) 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	03/27/2010	01/26/2004	03/27/2010	06/23/2010		FALSE	FALSE	RPKGD was S851538 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	03/28/2010	01/26/2004	03/28/2010	08/18/2012	Reject	FALSE	FALSE	RPKGD was S824431 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	03/28/2010	01/26/2004	03/28/2010	06/24/2010		FALSE	FALSE	RPKGD was S855313 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	03/29/2010	01/26/2004	03/29/2010	06/23/2010		FALSE	FALSE	RPKGD was S815033 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2001	03/30/2010	01/26/2004	03/30/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 59081 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2004	03/30/2010	12/07/2004	03/30/2010	06/12/2010	VE	TRUE	FALSE	RPKGD was 62926 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2000	03/30/2010	11/06/2000	03/30/2010	06/12/2010	VE	TRUE	FALSE	RPKGD was 58168 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/2002	03/30/2010	05/16/2002	03/30/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 57387 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	03/30/2010	01/26/2004	03/30/2010	04/21/2012		FALSE	FALSE	RPKGD was S861955 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	03/30/2010	01/26/2004	03/30/2010	06/24/2010		FALSE	FALSE	RPKGD was S855904 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/2006	03/30/2010	09/14/2006	03/30/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 63297 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/30/2010	01/26/2004	03/30/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 60481 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2005	03/30/2010	07/31/2006	03/30/2010	06/10/2010	VE	TRUE	FALSE	RPKGD was 63384 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	03/30/2010	01/26/2004	03/30/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 60924 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/10/1997	03/30/2010	01/26/2004	03/30/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 56830 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/2006	03/30/2010	11/07/2006	03/30/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 63564 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1995	03/30/2010	05/06/2008	03/30/2010	06/10/2010	VE	TRUE	FALSE	RPKGD was 55907 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
84991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2007	03/30/2010	06/11/2007	03/30/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 63661 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/2007	03/30/2010	09/13/2007	03/30/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was 63829 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
84999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2007	03/30/2010	11/26/2007	03/30/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 63968 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	03/30/2010	01/26/2004	03/30/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 82592 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

85003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	03/31/2010	01/26/2004	03/31/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 82648 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	03/31/2010	12/31/1999	03/31/2010	09/22/2010	VE	TRUE	FALSE	RPKGD was S881948 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	03/31/2010	01/26/2004	03/31/2010	08/01/2010	VE	TRUE	FALSE	RPKGD was S832136 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	03/31/2010	01/26/2004	03/31/2010	07/02/2010		FALSE	FALSE	RPKGD was S813497 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1985	03/31/2010	01/26/2004	03/31/2010	06/10/2010	VE	TRUE	FALSE	RPKGD was 80819 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	03/31/2010	01/26/2004	03/31/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 82797 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1994	03/31/2010	01/26/2004	03/31/2010	06/15/2010		FALSE	FALSE	RPKGD was S5456 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85017	55G				APPROVED_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/04/1994	03/31/2010	01/26/2004	03/31/2010			FALSE	FALSE	RPKGD was S5456 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1989	03/31/2010	01/26/2004	03/31/2010	06/10/2010	VE	TRUE	FALSE	RPKGD was 52433 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/2004	03/31/2010	12/14/2006	03/31/2010	07/08/2010		FALSE	FALSE	RPKGD was 62216 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2004	03/31/2010	01/20/2004	03/31/2010	07/08/2010		FALSE	FALSE	RPKGD was 61957 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	04/01/2010	01/26/2004	04/01/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was S818342 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980	04/01/2010	01/26/2004	04/01/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 82805 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1998	04/01/2010	01/26/2004	04/01/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 52683 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1988	04/01/2010	01/26/2004	04/01/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 53593 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1993	04/01/2010	01/26/2004	04/01/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 56207 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1991	04/01/2010		04/01/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 54415 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/2003	04/01/2010	05/02/2003	04/01/2010	10/13/2010		FALSE	FALSE	RPKGD was 60671 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/2003	04/01/2010	08/03/2003	04/01/2010	07/10/2010		FALSE	FALSE	RPKGD was 61211 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1996	04/01/2010	01/26/2004	04/01/2010	08/05/2010		FALSE	FALSE	RPKGD was 54541 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1991	04/01/2010	01/26/2004	04/01/2010	07/08/2010		FALSE	FALSE	RPKGD was 54549 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/05/2010	01/26/2004	04/05/2010	06/24/2010		FALSE	FALSE	RPKGD was S813340 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	04/05/2010	01/26/2004	04/05/2010	06/24/2010		FALSE	FALSE	RPKGD was S816383 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	04/06/2010	01/26/2004	04/06/2010	06/23/2010		FALSE	FALSE	RPKGD was S805266 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	04/07/2010	01/26/2004	04/07/2010	06/23/2010		FALSE	FALSE	RPKGD was S822822 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	04/09/2010	01/26/2004	04/09/2010	07/08/2010		FALSE	FALSE	RPKGD was S852581 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	04/09/2010	01/26/2004	04/09/2010	06/23/2010		FALSE	FALSE	RPKGD was S852581 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2007	04/09/2010	12/18/2007	04/09/2010	06/10/2010	VE	TRUE	FALSE	RPKGD was 64125 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/1985	04/09/2010	01/26/2004	04/09/2010	06/23/2010		FALSE	FALSE	RPKGD was S852879 231 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/2007	04/09/2010	08/09/2007	04/09/2010	11/08/2010	VE	TRUE	FALSE	RPKGD was 63189 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004	04/09/2010	04/22/2004	04/09/2010	08/21/2010		FALSE	FALSE	RPKGD was 62672 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/2007	04/09/2010	05/15/2007	04/09/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 63694 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/09/2005	04/09/2010	03/09/2005	04/09/2010	11/01/2010		FALSE	FALSE	RPKGD was 62154 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2004	04/09/2010	02/26/2004	04/09/2010	09/11/2010		FALSE	FALSE	RPKGD was 61984 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/2005	04/09/2010	03/10/2005	04/09/2010	09/01/2010		FALSE	FALSE	RPKGD was 62159 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	04/12/2010	12/31/1999	04/12/2010	08/05/2010	VE	TRUE	FALSE	RPKGD was S862082 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/27/1990	04/12/2010	01/26/2004	04/12/2010	08/04/2010	VE	TRUE	FALSE	RPKGD was 54922 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	04/12/2010	12/31/1999	04/12/2010	03/21/2011	VE	TRUE	FALSE	RPKGD was S854601 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/12/2010	12/31/1999	04/12/2010	08/21/2010	VE	TRUE	FALSE	RPKGD was S882924 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	04/12/2010	12/31/2001	04/12/2010	06/11/2010	VE	TRUE	FALSE	RPKGD was S823063 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1990	04/12/2010	01/26/2004	04/12/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 52668 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1989	04/12/2010	01/26/2004	04/12/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 52836 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85141	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1990	04/12/2010	01/26/2004	04/12/2010	08/05/2010		FALSE	FALSE	RPKGD was 54935 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1988	04/12/2010	01/26/2004	04/12/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 53441 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	04/12/2010	01/26/2004	04/12/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was 59174 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	04/12/2010	01/26/2004	04/12/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 57159 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

85149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1995	04/12/2010	01/26/2004	04/12/2010	03/21/2011	VE	TRUE	FALSE	RPKGD was 55904 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2007	04/13/2010	05/23/2007	04/13/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 83114 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	04/13/2010	01/26/2004	04/13/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S811792 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	04/13/2010	01/26/2004	04/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S802977 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	04/13/2010	01/26/2004	04/13/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was S816706 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/13/2010	01/26/2004	04/13/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was S813541 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	04/13/2010	01/26/2004	04/13/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was S818410 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1994	04/13/2010	01/26/2004	04/13/2010	07/23/2010		FALSE	FALSE	RPKGD was 55518 231 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	04/13/2010	01/26/2004	04/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S802598 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	04/13/2010	01/26/2004	04/13/2010	07/28/2010		FALSE	FALSE	RPKGD was S816329 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/13/2010	01/26/2004	04/13/2010	07/18/2010		FALSE	FALSE	RPKGD was S793751 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	04/13/2010	01/26/2004	04/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S816734 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1989	04/14/2010	01/26/2004	04/14/2010	07/02/2010		FALSE	FALSE	RPKGD was 53532 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	04/13/2010	01/26/2004	04/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S833440 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1989	04/13/2010	01/26/2004	04/13/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 52832 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/13/2010	01/26/2004	04/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S824410 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	04/13/2010	01/26/2004	04/13/2010	07/10/2010		FALSE	FALSE	RPKGD was S844606 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	04/13/2010	01/26/2004	04/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S818343 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/13/2010	01/26/2004	04/13/2010	07/08/2010		FALSE	FALSE	RPKGD was S824237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/14/1989	04/13/2010	01/26/2004	04/13/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 52877 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1988	04/13/2010	01/26/2004	04/13/2010	06/16/2010	VE	TRUE	FALSE	RPKGD was 53602 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/06/1998	04/14/2010	01/26/2004	04/14/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 56821 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	04/14/2010	01/26/2004	04/14/2010	07/28/2010		FALSE	FALSE	RPKGD was S860140 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	04/14/2010	01/26/2004	04/14/2010	07/08/2010		FALSE	FALSE	RPKGD was S852536 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	04/14/2010	01/26/2004	04/14/2010	07/27/2010	VE	TRUE	FALSE	RPKGD was S845120 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	04/14/2010	01/26/2004	04/14/2010	07/18/2010		FALSE	FALSE	RPKGD was S824567 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1992	04/14/2010		04/14/2010	07/18/2010		FALSE	FALSE	RPKGD was 54339 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	04/14/2010	01/26/2004	04/14/2010	06/10/2010		FALSE	FALSE	RPKGD was S825799 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	04/14/2010	01/26/2004	04/14/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 52153 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	04/14/2010	01/26/2004	04/14/2010	07/18/2010		FALSE	FALSE	RPKGD was S833465 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	04/14/2010	01/26/2004	04/14/2010	07/28/2010		FALSE	FALSE	RPKGD was S862307 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/14/2010	01/26/2004	04/14/2010	07/18/2010		FALSE	FALSE	RPKGD was S822672 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/22/1993	04/14/2010	01/26/2004	04/14/2010	06/18/2010	VE	TRUE	FALSE	RPKGD was 55190 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	04/14/2010	01/26/2004	04/14/2010	07/28/2010		FALSE	FALSE	RPKGD was S833230 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	04/15/2010	01/26/2004	04/15/2010	08/12/2010		FALSE	FALSE	RPKGD was S811707 (require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/15/2010	12/31/1999	04/15/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was S862060 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	04/15/2010	01/26/2004	04/15/2010	07/28/2010		FALSE	FALSE	RPKGD was S822789 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	04/15/2010	05/19/2003	04/15/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 60690 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/15/2010	01/26/2004	04/15/2010	07/02/2010		FALSE	FALSE	RPKGD was S813582 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981	04/15/2010	01/26/2004	04/15/2010	08/12/2010		FALSE	FALSE	RPKGD was S813636 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	04/15/2010	01/26/2004	04/15/2010	07/08/2010		FALSE	FALSE	RPKGD was S865310 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	04/15/2010	01/26/2004	04/15/2010	09/23/2010		FALSE	FALSE	RPKGD was S816378 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85251	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	04/15/2010	01/26/2004	04/15/2010	07/18/2010		FALSE	FALSE	RPKGD was S823282 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	04/15/2010	01/26/2004	04/15/2010	07/02/2010		FALSE	FALSE	RPKGD was S821262 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

85254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	04/15/2010	01/26/2004	04/15/2010	06/15/2010	VE	TRUE	FALSE	RPKGD was S802942 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	04/15/2010	01/26/2004	04/15/2010	07/18/2010		FALSE	FALSE	RPKGD was S825756 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1980	04/15/2010	01/26/2004	04/15/2010	08/19/2010		FALSE	FALSE	RPKGD was 55899 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	04/15/2010	12/31/1999	04/15/2010	02/17/2011	VE	TRUE	FALSE	RPKGD was S862235 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	04/16/2010	01/26/2004	04/16/2010	08/17/2010		FALSE	FALSE	RPKGD was S813436 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/16/2010	01/26/2004	04/16/2010	07/28/2010		FALSE	FALSE	RPKGD was S863072 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85273	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/2004	04/16/2010	05/06/2008	04/16/2010	01/28/2014	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= RPKGD was 55653
85275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	04/16/2010	01/26/2004	04/16/2010	08/17/2010		FALSE	FALSE	RPKGD was S816390 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/2003	04/16/2010	07/31/2006	04/16/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 60684 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1999	04/16/2010	08/30/1999	04/16/2010	10/05/2010		FALSE	FALSE	RPKGD was 57796 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	04/16/2010	01/26/2004	04/16/2010	07/02/2010		FALSE	FALSE	RPKGD was S855312 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	04/17/2010	01/26/2004	04/17/2010	07/28/2010		FALSE	FALSE	RPKGD was S864875 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	04/17/2010	01/26/2004	04/17/2010	07/02/2010		FALSE	FALSE	RPKGD was S802672 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	04/17/2010	01/26/2004	04/17/2010	07/08/2010		FALSE	FALSE	RPKGD was S802672 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2004	04/27/2010	04/14/2004	04/27/2010	11/23/2010		FALSE	FALSE	RPKGD was 62656 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2000	04/27/2010	01/26/2004	04/27/2010	08/18/2010		FALSE	FALSE	RPKGD was 58131 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85306	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2000	04/27/2010	01/26/2004	04/27/2010	08/26/2010		FALSE	FALSE	RPKGD was 58131 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	04/28/2010	01/26/2004	04/28/2010	07/27/2010		FALSE	FALSE	RPKGD was S842260 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/13/2007	04/28/2010	08/13/2007	04/28/2010	07/08/2010	VE	TRUE	FALSE	RPKGD was 63828 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	04/28/2010	05/19/2003	04/28/2010	08/17/2010		FALSE	FALSE	RPKGD was 60689 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2007	04/28/2010	11/19/2007	04/28/2010	07/08/2010	VE	TRUE	FALSE	RPKGD was 63950 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/2002	04/28/2010	07/31/2006	04/28/2010	08/16/2010		FALSE	FALSE	RPKGD was 59048 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1998	04/28/2010	01/26/2004	04/28/2010	07/27/2010		FALSE	FALSE	RPKGD was 61033 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/2002	04/28/2010	01/26/2004	04/28/2010	07/08/2010	VE	TRUE	FALSE	RPKGD was 59772 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005	04/28/2010	07/31/2006	04/28/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 62126 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2007	04/28/2010	09/18/2007	04/28/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 63129 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/1996	04/28/2010	01/26/2004	04/28/2010	07/28/2010		FALSE	FALSE	RPKGD was 56010 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2001	04/28/2010	01/26/2004	04/28/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 59332 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2007	04/29/2010	07/17/2007	04/29/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 63172 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/2007	04/29/2010	05/02/2007	04/29/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was 63726 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/29/2010	01/26/2004	04/29/2010	08/21/2010		FALSE	FALSE	RPKGD was S842491 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/2004	04/29/2010	04/21/2004	04/29/2010	11/24/2010		FALSE	FALSE	RPKGD was 62873 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2007	04/30/2010	12/18/2007	04/30/2010	08/14/2012		FALSE	FALSE	RPKGD was 64131 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2008	04/30/2010	04/30/2008	04/30/2010	08/17/2010		FALSE	FALSE	RPKGD was 64193 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	04/30/2010	07/31/2006	04/30/2010	08/05/2010		FALSE	FALSE	RPKGD was 80591 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1968	04/30/2010		04/30/2010	08/12/2010		FALSE	FALSE	RPKGD was 81556 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1990	05/03/2010		05/03/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was 52978 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/2008	05/03/2010	08/20/2008	05/03/2010	10/13/2010		FALSE	FALSE	RPKGD was 82690 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	05/03/2010	01/26/2004	05/03/2010	08/17/2010		FALSE	FALSE	RPKGD was S871887 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/2003	05/03/2010	05/21/2003	05/03/2010	09/13/2010		FALSE	FALSE	RPKGD was 58115 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1990	05/03/2010		05/03/2010	07/28/2010		FALSE	FALSE	RPKGD was 54184 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1988	05/04/2010	01/26/2004	05/04/2010	08/12/2010		FALSE	FALSE	RPKGD was 53606 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2006	05/04/2010	05/22/2006	05/04/2010	10/07/2010		FALSE	FALSE	RPKGD was 62860 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

85388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	05/04/2010	05/07/2003	05/04/2010	11/16/2010		FALSE	FALSE	RPKGD was 60870 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/2004	05/04/2010	04/22/2004	05/04/2010	08/17/2010		FALSE	FALSE	RPKGD was 62675 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/2005	05/04/2010	11/02/2005	05/04/2010	08/21/2010		FALSE	FALSE	RPKGD was 62534 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2005	05/04/2010	08/27/2005	05/04/2010	10/05/2010		FALSE	FALSE	RPKGD was 63410 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/04/2005	05/04/2010	02/04/2005	05/04/2010	08/12/2010		FALSE	FALSE	RPKGD was 61975 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/04/2010	01/26/2004	05/04/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was S870318 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005	05/04/2010	07/31/2008	05/04/2010	11/12/2010	VE	TRUE	FALSE	RPKGD was 62156 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2001	05/04/2010	01/26/2004	05/04/2010	07/27/2010	VE	TRUE	FALSE	RPKGD was 59319 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2001	05/04/2010	01/26/2004	05/04/2010	07/28/2010		FALSE	FALSE	RPKGD was 59376 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/13/2008	05/04/2010	12/14/2008	05/04/2010	08/21/2010		FALSE	FALSE	RPKGD was 62867 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/04/2010	01/26/2004	05/04/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was S854011 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2007	05/04/2010	07/10/2007	05/04/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 63161 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	05/04/2010	01/26/2004	05/04/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was S802933 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	05/04/2010	01/26/2004	05/04/2010	07/28/2010		FALSE	FALSE	RPKGD was S802752 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	05/05/2010	01/26/2004	05/05/2010	07/28/2010		FALSE	FALSE	RPKGD was S803163 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	05/05/2010	01/26/2004	05/05/2010	06/23/2010	VE	TRUE	FALSE	RPKGD was S803199 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	05/05/2010	01/26/2004	05/05/2010	08/05/2010		FALSE	FALSE	RPKGD was S802745 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	05/05/2010	01/26/2004	05/05/2010	08/05/2010		FALSE	FALSE	RPKGD was S818265 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	05/05/2010	01/26/2004	05/05/2010	08/05/2010		FALSE	FALSE	RPKGD was S816318 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85443	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	05/05/2010	01/26/2004	05/05/2010	03/21/2011	VE	TRUE	FALSE	RPKGD was S802658 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	05/05/2010	01/26/2004	05/05/2010	08/12/2010		FALSE	FALSE	RPKGD was S816486 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	05/05/2010	01/26/2004	05/05/2010	08/05/2010		FALSE	FALSE	RPKGD was S870396 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/1989	05/05/2010	01/26/2004	05/05/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 52446 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/13/2005	05/05/2010	10/13/2005	05/05/2010	02/14/2011		FALSE	FALSE	RPKGD was 62461 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	05/06/2010	12/04/2008	05/06/2010	08/05/2010		FALSE	FALSE	RPKGD was 55410 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85469	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1990	05/06/2010	01/26/2004	05/06/2010	06/01/2011		FALSE	FALSE	RPKGD was S804918 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/28/2006	05/06/2010	04/28/2006	05/06/2010	10/19/2011		FALSE	FALSE	RPKGD was 64608 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/2003	05/06/2010	03/26/2003	05/06/2010	08/12/2010		FALSE	FALSE	RPKGD was 59765 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1990	05/06/2010	01/26/2004	05/06/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 52981 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/19/1980	05/06/2010	01/26/2004	05/06/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 85264 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	05/11/2010	01/26/2004	05/11/2010	08/19/2010		FALSE	FALSE	RPKGD was S802796 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85514	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/1989	05/12/2010	01/26/2004	05/12/2010	07/28/2010		FALSE	FALSE	RPKGD was 52478 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/2007	05/12/2010		05/12/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was 53074 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/1987	05/12/2010	01/26/2004	05/12/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 53127 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1988	05/12/2010	01/26/2004	05/12/2010	07/28/2010		FALSE	FALSE	RPKGD was 53178 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1987	05/12/2010		05/12/2010	08/17/2010		FALSE	FALSE	RPKGD was 53534 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/21/1989	05/12/2010	08/17/2004	05/12/2010	04/21/2013	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= RPKGD was 52336
85531	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988	05/12/2010	01/26/2004	05/12/2010	08/17/2010		FALSE	FALSE	RPKGD was 53503 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2006	05/12/2010	12/14/2006	05/12/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 80549 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1990	05/12/2010	01/26/2004	05/12/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 53971 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1990	05/12/2010	01/26/2004	05/12/2010	07/28/2010		FALSE	FALSE	RPKGD was 54964 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	05/12/2010	01/26/2004	05/12/2010	07/28/2010		FALSE	FALSE	RPKGD was S813400 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	05/12/2010	01/26/2004	05/12/2010	07/28/2010		FALSE	FALSE	RPKGD was S802597 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	05/13/2010	01/26/2004	05/13/2010	07/08/2010	VE	TRUE	FALSE	RPKGD was S813455 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

85548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1980	05/13/2010	01/26/2004	05/13/2010	07/28/2010		FALSE	FALSE	RPKGD was S802725 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/2005	05/13/2010	07/31/2006	05/13/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 80545 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	05/13/2010	01/26/2004	05/13/2010	07/18/2010		FALSE	FALSE	RPKGD was S818318 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/1988	05/13/2010	01/26/2004	05/13/2010	07/28/2010		FALSE	FALSE	RPKGD was 53199 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	05/13/2010	12/31/1999	05/13/2010	10/13/2010		FALSE	FALSE	RPKGD was S863729 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1989	05/13/2010	01/26/2004	05/13/2010	07/28/2010		FALSE	FALSE	RPKGD was 52461 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85576	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/2005	05/13/2010	07/31/2006	05/13/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was 52132 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2002	05/13/2010	07/31/2006	05/13/2010	07/28/2010		FALSE	FALSE	RPKGD was 59789 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85586	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/2003	05/13/2010	05/19/2003	05/13/2010	08/24/2010		FALSE	FALSE	RPKGD was 60148 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1990	05/14/2010	01/26/2004	05/14/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 52957 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1999	05/14/2010	01/26/2004	05/14/2010	07/28/2010		FALSE	FALSE	RPKGD was 57726 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1991	05/14/2010		05/14/2010	07/28/2010		FALSE	FALSE	RPKGD was 54348 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85594	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/14/2010	01/26/2004	05/14/2010	07/28/2010		FALSE	FALSE	RPKGD was 60947 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1989	05/14/2010	01/26/2004	05/14/2010	07/23/2010		FALSE	FALSE	RPKGD was 52848 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	05/14/2010	01/26/2004	05/14/2010	07/28/2010		FALSE	FALSE	RPKGD was S815140 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994	05/14/2010	01/26/2004	05/14/2010	07/27/2010	VE	TRUE	FALSE	RPKGD was 54669 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/2003	05/17/2010	07/31/2006	05/17/2010	08/05/2010		FALSE	FALSE	RPKGD was 61258 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	05/17/2010	01/26/2004	05/17/2010	08/05/2010		FALSE	FALSE	RPKGD was S870192 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	05/17/2010	01/26/2004	05/17/2010	08/05/2010		FALSE	FALSE	RPKGD was S823294 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	05/17/2010	01/26/2004	05/17/2010	07/23/2010		FALSE	FALSE	RPKGD was S825841 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/2007	05/17/2010	03/06/2007	05/17/2010	07/26/2010	VE	TRUE	FALSE	RPKGD was 63605 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	05/17/2010	01/26/2004	05/17/2010	08/01/2010		FALSE	FALSE	RPKGD was S811760 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1990	05/17/2010	01/26/2004	05/17/2010	07/18/2010		FALSE	FALSE	RPKGD was S803137 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1996	05/18/2010	01/26/2004	05/18/2010	08/18/2010		FALSE	FALSE	RPKGD was 55972 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/22/1996	05/18/2010	01/26/2004	05/18/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 56240 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	05/18/2010	01/26/2004	05/18/2010	08/12/2010		FALSE	FALSE	RPKGD was S816872 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/18/2010	12/31/1999	05/18/2010	07/31/2010	VE	TRUE	FALSE	RPKGD was S864354 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85655	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/18/2010	12/31/1999	05/18/2010	04/03/2011	VE	TRUE	FALSE	RPKGD was S864354 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85656	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/18/2010	12/31/1999	05/18/2010	08/26/2010	VE	TRUE	FALSE	RPKGD was S864354 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	05/18/2010	07/31/2006	05/18/2010	07/29/2010	VE	TRUE	FALSE	RPKGD was 61285 --- P_MT42=No,MT_83=Yes - 0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003	05/18/2010	07/31/2006	05/18/2010	09/07/2010		FALSE	FALSE	RPKGD was 60687 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/1991	05/18/2010	01/26/2004	05/18/2010	07/02/2010	VE	TRUE	FALSE	RPKGD was 54452 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1999	05/19/2010	07/31/2006	05/19/2010	08/31/2010		FALSE	FALSE	RPKGD was 57145 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/2003	05/19/2010	08/12/2003	05/19/2010	09/23/2010		FALSE	FALSE	RPKGD was 61226 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/2002	05/19/2010	12/14/2006	05/19/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was 60137 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/11/2002	05/19/2010	01/26/2004	05/19/2010	07/28/2010		FALSE	FALSE	RPKGD was 59721 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/21/2000	05/19/2010	01/26/2004	05/19/2010	07/28/2010		FALSE	FALSE	RPKGD was 58313 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1999	05/19/2010	01/26/2004	05/19/2010	08/26/2010		FALSE	FALSE	RPKGD was 58083 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	05/19/2010	01/26/2004	05/19/2010	08/26/2010		FALSE	FALSE	RPKGD was 60448 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	05/19/2010	01/26/2004	05/19/2010	07/28/2010		FALSE	FALSE	RPKGD was S824068 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	05/19/2010	01/26/2004	05/19/2010	10/19/2010		FALSE	FALSE	RPKGD was S823290 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	05/19/2010	01/26/2004	05/19/2010	08/31/2010		FALSE	FALSE	RPKGD was 60922 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/19/2010	01/26/2004	05/19/2010	08/04/2010		FALSE	FALSE	RPKGD was S833516 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	05/20/2010	01/26/2004	05/20/2010	08/05/2010		FALSE	FALSE	RPKGD was S823018 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	05/20/2010	01/26/2004	05/20/2010	08/05/2010		FALSE	FALSE	RPKGD was S823249 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

85704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	05/20/2010	01/26/2004	05/20/2010	04/22/2012		FALSE	FALSE	RPKGD was S824056 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1982	05/20/2010	01/26/2004	05/20/2010	10/18/2010		FALSE	FALSE	RPKGD was S823116 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	05/20/2010	01/26/2004	05/20/2010	09/23/2010	VE	TRUE	FALSE	RPKGD was S832319 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	05/20/2010	01/26/2004	05/20/2010	08/04/2010		FALSE	FALSE	RPKGD was 59275 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	05/20/2010	01/26/2004	05/20/2010	08/05/2010		FALSE	FALSE	RPKGD was S822833 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	05/20/2010	01/26/2004	05/20/2010	08/05/2010		FALSE	FALSE	RPKGD was S832276 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	05/20/2010	01/26/2004	05/20/2010	08/05/2010		FALSE	FALSE	RPKGD was S824596 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	05/20/2010	01/26/2004	05/20/2010	08/05/2010		FALSE	FALSE	RPKGD was S825781 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/21/2010	01/26/2004	05/21/2010	07/28/2010		FALSE	FALSE	RPKGD was S824824 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	05/21/2010	01/26/2004	05/21/2010	08/05/2010		FALSE	FALSE	RPKGD was S832602 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	05/21/2010	01/26/2004	05/21/2010	08/19/2010		FALSE	FALSE	RPKGD was S816685 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/2000	05/21/2010	01/26/2004	05/21/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was 58112 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1958	05/21/2010	01/26/2004	05/21/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was 57157 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	05/24/2010	01/26/2004	05/24/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was 60763 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85744	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	05/24/2010	01/26/2004	05/24/2010	08/26/2010	VE	TRUE	FALSE	RPKGD was 60763 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2003	05/24/2010	07/31/2006	05/24/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was 61788 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	05/24/2010	01/26/2004	05/24/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was 60752 --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/27/2002	05/24/2010	01/26/2004	05/24/2010	08/04/2010		FALSE	FALSE	RPKGD was 59464 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1999	05/24/2010	01/26/2004	05/24/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was 57987 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006	05/24/2010	07/31/2006	05/24/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was 62407 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/07/1996	05/24/2010	01/26/2004	05/24/2010	08/04/2010	VE	TRUE	FALSE	RPKGD was 56278 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005	05/24/2010	07/31/2006	05/25/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was 62280 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/2006	05/25/2010	07/31/2006	05/25/2010	08/21/2010		FALSE	FALSE	RPKGD was 62564 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/2005	05/25/2010	07/31/2006	05/25/2010	08/19/2010		FALSE	FALSE	RPKGD was 62654 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1999	05/25/2010	01/26/2004	05/25/2010	08/05/2010		FALSE	FALSE	RPKGD was 58152 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85766	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2006	05/25/2010	06/27/2006	05/25/2010	08/05/2010		FALSE	FALSE	RPKGD was 62893 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
85768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2005	05/25/2010	12/14/2006	05/25/2010	08/04/2010		FALSE	FALSE	RPKGD was 62412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	05/25/2010	01/26/2004	05/25/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was 62185 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	05/25/2010	01/26/2004	05/25/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was S833835 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	05/25/2010	01/26/2004	05/25/2010	09/22/2010		FALSE	FALSE	RPKGD was S834431 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1995	05/25/2010	01/26/2004	05/25/2010	09/07/2010		FALSE	FALSE	RPKGD was 55676 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	05/25/2010	01/26/2004	05/25/2010	10/18/2010		FALSE	FALSE	RPKGD was S835413 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	05/25/2010	01/26/2004	05/25/2010	09/13/2010		FALSE	FALSE	RPKGD was S844695 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	05/26/2010	01/26/2004	05/26/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was S816783 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/26/2010	01/26/2004	05/26/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was S856117 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/2003	05/26/2010	07/31/2006	05/26/2010	08/15/2010	VE	TRUE	FALSE	RPKGD was 60181 --- P_MT42=No,MT_83=Yes - 0,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	05/26/2010	01/26/2004	05/26/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was S871911 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	05/26/2010	01/26/2004	05/26/2010	08/04/2010	VE	TRUE	FALSE	RPKGD was S834413 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/2002	05/26/2010	07/31/2006	05/26/2010	08/31/2010		FALSE	FALSE	RPKGD was 59359 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	05/26/2010	01/26/2004	05/26/2010	08/31/2010		FALSE	FALSE	RPKGD was S845108 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/26/2010	01/26/2004	05/26/2010	09/13/2010		FALSE	FALSE	RPKGD was S845247 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	05/26/2010	01/26/2004	05/26/2010	08/28/2010		FALSE	FALSE	RPKGD was S846191 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/26/2010	01/26/2004	05/26/2010	07/23/2010	VE	TRUE	FALSE	RPKGD was S852920 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/26/2010	01/26/2004	05/26/2010	09/01/2010		FALSE	FALSE	RPKGD was S846128 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

85823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	05/27/2010	01/26/2004	05/27/2010	08/16/2010	VE	TRUE	FALSE	RPKGD was S855234 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/2002	05/27/2010	01/26/2004	05/27/2010	08/31/2010	VE	TRUE	FALSE	RPKGD was 59444 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/27/2010	01/26/2004	05/27/2010	09/14/2010		FALSE	FALSE	RPKGD was S855511 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	05/27/2010	01/26/2004	05/27/2010	08/31/2010	VE	TRUE	FALSE	RPKGD was S870016 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	05/27/2010	01/26/2004	05/27/2010	09/13/2010		FALSE	FALSE	RPKGD was S823301 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	05/27/2010	01/26/2004	05/27/2010	09/11/2010		FALSE	FALSE	RPKGD was S813333 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/17/1998	05/28/2010	01/26/2004	05/28/2010	08/17/2010		FALSE	FALSE	RPKGD was 61169 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/21/1989	05/28/2010	01/26/2004	05/28/2010	09/23/2010		FALSE	FALSE	RPKGD was 52811 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/28/2010	01/26/2004	05/28/2010	08/31/2010		FALSE	FALSE	RPKGD was S855778 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85860	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	05/28/2010	01/26/2004	05/28/2010	09/01/2010		FALSE	FALSE	RPKGD was S853569 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/2001	06/01/2010	07/31/2006	06/01/2010	08/21/2010		FALSE	FALSE	RPKGD was 58335 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	06/01/2010	01/26/2004	06/01/2010	08/05/2010		FALSE	FALSE	RPKGD was S813694 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/02/2010	01/26/2004	06/02/2010	07/28/2010		FALSE	FALSE	RPKGD was S870168 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	06/02/2010	01/26/2004	06/02/2010	07/18/2010	VE	TRUE	FALSE	RPKGD was S816425 --- P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2003	06/02/2010	07/31/2006	06/02/2010	10/13/2010		FALSE	FALSE	RPKGD was 59768 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/19/1999	06/02/2010	01/26/2004	06/02/2010	08/05/2010		FALSE	FALSE	RPKGD was 58016 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	06/02/2010	01/26/2004	06/02/2010	08/24/2010		FALSE	FALSE	RPKGD was S824448 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
85902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	06/02/2010	01/26/2004	06/02/2010	08/05/2010		FALSE	FALSE	RPKGD was S834837 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	06/03/2010	01/26/2004	06/03/2010	08/23/2010		FALSE	FALSE	RPKGD was S811843 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	06/03/2010	01/26/2004	06/03/2010	07/28/2010	VE	TRUE	FALSE	RPKGD was S844599 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1986	06/03/2010	01/26/2004	06/03/2010	09/07/2010		FALSE	FALSE	RPKGD was S863748 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1993	06/04/2010	01/26/2004	06/04/2010	08/24/2010		FALSE	FALSE	RPKGD was S834848 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	06/04/2010	01/26/2004	06/04/2010	08/08/2010		FALSE	FALSE	RPKGD was 60748 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	06/04/2010	01/26/2004	06/04/2010	08/23/2010		FALSE	FALSE	RPKGD was S835377 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	06/04/2010	01/26/2004	06/04/2010	08/23/2010		FALSE	FALSE	RPKGD was S802615 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	06/04/2010	01/26/2004	06/04/2010	08/15/2010	VE	TRUE	FALSE	RPKGD was S848194 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85929	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	06/04/2010	01/26/2004	06/04/2010	08/26/2010	VE	TRUE	FALSE	RPKGD was S848194 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980	06/04/2010	01/26/2004	06/04/2010	08/08/2010		FALSE	FALSE	RPKGD was S802758 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	06/07/2010	01/26/2004	06/07/2010	09/13/2010		FALSE	FALSE	RPKGD was S853835 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1996	06/07/2010		06/07/2010	08/23/2010		FALSE	FALSE	RPKGD was 56217 --- P_MT42=Unknown,MT_83=MT Not Available,MT_83_REPORTED > 50%=MT Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
85957	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	06/07/2010	01/26/2004	06/07/2010	08/06/2010		FALSE	FALSE	RPKGD was S816726 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/08/2010	01/26/2004	06/08/2010	07/28/2010		FALSE	FALSE	RPKGD was S864257 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/08/2010	01/26/2004	06/08/2010	08/12/2010		FALSE	FALSE	RPKGD was S864539 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	06/08/2010	01/26/2004	06/08/2010	08/05/2010		FALSE	FALSE	RPKGD was S822652 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	06/08/2010	01/26/2004	06/08/2010	08/05/2010		FALSE	FALSE	RPKGD was S822791 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	06/08/2010	01/26/2004	06/08/2010	08/05/2010		FALSE	FALSE	RPKGD was S833417 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85977	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/08/2010	01/26/2004	06/08/2010	08/05/2010		FALSE	FALSE	RPKGD was S833118 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	06/08/2010	01/26/2004	06/08/2010	08/08/2010		FALSE	FALSE	RPKGD was S823008 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/08/2010	01/26/2004	06/08/2010	08/08/2010		FALSE	FALSE	RPKGD was S832469 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	06/08/2010	01/26/2004	06/08/2010	08/04/2010		FALSE	FALSE	RPKGD was S834454 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
85990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	06/08/2010	01/26/2004	06/08/2010	09/05/2010		FALSE	FALSE	RPKGD was S833443 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

85998	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/08/2010	01/26/2004	06/08/2010	08/24/2010		FALSE	FALSE	RPKGD was S864352 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86002	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/08/2010	01/26/2004	06/08/2010	09/11/2010		FALSE	FALSE	RPKGD was S845191 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86004	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/08/2010	01/26/2004	06/08/2010	08/12/2010		FALSE	FALSE	RPKGD was S845333 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86006	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	06/09/2010	01/26/2004	06/09/2010	08/24/2010		FALSE	FALSE	RPKGD was 82885 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86008	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	06/09/2010	01/26/2004	06/09/2010	08/08/2010		FALSE	FALSE	RPKGD was S841250 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86010	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	06/09/2010	01/26/2004	06/09/2010	08/08/2010		FALSE	FALSE	RPKGD was S824945 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86012	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1998	06/09/2010	01/26/2004	06/09/2010	08/04/2010		FALSE	FALSE	RPKGD was 60988 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86014	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	06/09/2010	01/26/2004	06/09/2010	10/04/2010		FALSE	FALSE	RPKGD was S835371 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86016	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	06/09/2010	01/26/2004	06/09/2010	09/28/2010		FALSE	FALSE	RPKGD was S881953 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86018	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	06/09/2010	01/26/2004	06/09/2010	10/22/2010		FALSE	FALSE	RPKGD was S834429 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86020	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/2002	06/09/2010	07/31/2008	06/09/2010	09/09/2010		FALSE	FALSE	RPKGD was 59072 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86025	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	06/09/2010	01/26/2004	06/09/2010	08/21/2010		FALSE	FALSE	RPKGD was S865322 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86033	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	06/09/2010	01/26/2004	06/09/2010	08/08/2010		FALSE	FALSE	RPKGD was S842552 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86037	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/09/2010	01/26/2004	06/09/2010	08/08/2010		FALSE	FALSE	RPKGD was S833856 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86039	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	06/09/2010	01/26/2004	06/09/2010	08/21/2010		FALSE	FALSE	RPKGD was S834510 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86041	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/10/2010	01/26/2004	06/10/2010	08/21/2010		FALSE	FALSE	RPKGD was S833857 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86043	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	06/10/2010	01/26/2004	06/10/2010	10/20/2010		FALSE	FALSE	RPKGD was S803044 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86045	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	06/10/2010	01/26/2004	06/10/2010	09/09/2010		FALSE	FALSE	RPKGD was S833489 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86047	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	06/10/2010	01/26/2004	06/10/2010	08/04/2010		FALSE	FALSE	RPKGD was S855651 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86049	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	06/10/2010	01/26/2004	06/10/2010	04/08/2012		FALSE	FALSE	RPKGD was S844159 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86052	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	06/10/2010	01/26/2004	06/10/2010	10/04/2010		FALSE	FALSE	RPKGD was S824229 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86056	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/10/2010	01/26/2004	06/10/2010	08/04/2010		FALSE	FALSE	RPKGD was S833859 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86058	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/10/2010	01/26/2004	06/10/2010	08/04/2010	VE	TRUE	FALSE	RPKGD was S870352 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86059	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	06/10/2010	01/26/2004	06/10/2010	11/17/2010		FALSE	FALSE	RPKGD was S824229 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86060	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/10/2010	01/26/2004	06/10/2010	08/26/2010	VE	TRUE	FALSE	RPKGD was S870352 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86062	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	06/10/2010	01/26/2004	06/10/2010	08/04/2010	VE	TRUE	FALSE	RPKGD was S813681 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86077	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/10/2010	01/26/2004	06/10/2010	08/04/2010	VE	TRUE	FALSE	RPKGD was S870162 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86079	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/10/2010	01/26/2004	06/10/2010	09/15/2010		FALSE	FALSE	RPKGD was S870211 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86081	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	06/14/2010	01/26/2004	06/14/2010	09/30/2010		FALSE	FALSE	RPKGD was S822681 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86083	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2004	06/14/2010	01/26/2004	06/14/2010	08/21/2010		FALSE	FALSE	RPKGD was S870242 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86090	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	06/14/2010	01/26/2004	06/14/2010	08/24/2010		FALSE	FALSE	RPKGD was S822618 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86100	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	06/14/2010	01/26/2004	06/14/2010	08/24/2010		FALSE	FALSE	RPKGD was S835355 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86102	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	06/14/2010	01/26/2004	06/14/2010	09/28/2010		FALSE	FALSE	RPKGD was S824161 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86104	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	06/14/2010	01/26/2004	06/14/2010	09/14/2010		FALSE	FALSE	RPKGD was S870455 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86111	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/15/2010	01/26/2004	06/15/2010	10/04/2010		FALSE	FALSE	RPKGD was S870220 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86113	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/15/2010	01/26/2004	06/15/2010	10/04/2010		FALSE	FALSE	RPKGD was S833860 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86115	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	06/15/2010	01/26/2004	06/15/2010	08/29/2010		FALSE	FALSE	RPKGD was S842485 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86117	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/15/2010	01/26/2004	06/15/2010	09/15/2010		FALSE	FALSE	RPKGD was S864366 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86118	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	06/15/2010	01/26/2004	06/15/2010	09/11/2010		FALSE	FALSE	RPKGD was S824552 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86122	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/15/2010	01/26/2004	06/15/2010	08/06/2010	VE	TRUE	FALSE	RPKGD was S871909 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86123	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	06/15/2010	01/26/2004	06/15/2010	09/22/2010		FALSE	FALSE	RPKGD was S823261 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86134	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/15/2010	01/26/2004	06/15/2010	10/23/2010	VE	TRUE	FALSE	RPKGD was S871909 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86135	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/15/2010	01/26/2004	06/15/2010	08/26/2010	VE	TRUE	FALSE	RPKGD was S871909 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86137	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1993	06/16/2010	01/26/2004	06/16/2010	09/28/2010		FALSE	FALSE	RPKGD was S5159 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

86139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/16/2010	01/26/2004	06/16/2010	09/29/2010		FALSE	FALSE	RPKGD was S870186 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/16/2010	01/26/2004	06/16/2010	09/28/2010		FALSE	FALSE	RPKGD was S870354 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/16/2010	01/26/2004	06/16/2010	08/30/2010		FALSE	FALSE	RPKGD was S832373 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/16/2010	01/26/2004	06/16/2010	09/28/2010		FALSE	FALSE	RPKGD was S871835 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	06/16/2010	01/26/2004	06/16/2010	10/04/2010		FALSE	FALSE	RPKGD was S811669 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/2004	06/16/2010	01/26/2004	06/16/2010	09/22/2010		FALSE	FALSE	RPKGD was S871823 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	06/16/2010	01/26/2004	06/16/2010	10/04/2010		FALSE	FALSE	RPKGD was S818418 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1998	06/16/2010	01/26/2004	06/16/2010	10/05/2010		FALSE	FALSE	RPKGD was 61003 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/16/2010	01/26/2004	06/16/2010	08/08/2010	VE	TRUE	FALSE	RPKGD was S870239 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005	06/16/2010	07/31/2006	06/16/2010	09/28/2010		FALSE	FALSE	RPKGD was 62269 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	06/16/2010	01/26/2004	06/16/2010	09/22/2010		FALSE	FALSE	RPKGD was S813658 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005	06/17/2010	07/31/2006	06/17/2010	09/25/2010		FALSE	FALSE	RPKGD was 62173 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1999	06/17/2010	01/26/2004	06/17/2010	09/08/2010		FALSE	FALSE	RPKGD was 59207 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/17/2010	01/26/2004	06/17/2010	12/13/2011		FALSE	FALSE	RPKGD was 61126 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/29/2010	01/26/2004	06/29/2010	09/07/2010		FALSE	FALSE	RPKGD was S832332 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	06/17/2010	01/26/2004	06/17/2010	10/19/2010		FALSE	FALSE	RPKGD was S871908 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/2003	06/17/2010	07/31/2006	06/17/2010	08/30/2010		FALSE	FALSE	RPKGD was 60145 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	06/17/2010	01/26/2004	06/17/2010	10/18/2010		FALSE	FALSE	RPKGD was S834730 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	06/17/2010	01/26/2004	06/17/2010	10/20/2010		FALSE	FALSE	RPKGD was S793713 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	06/17/2010	01/26/2004	06/17/2010	11/14/2010		FALSE	FALSE	RPKGD was 62572 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1998	06/17/2010	01/26/2004	06/17/2010	08/31/2010		FALSE	FALSE	RPKGD was 57148 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	06/17/2010	01/26/2004	06/17/2010	08/28/2010		FALSE	FALSE	RPKGD was S844822 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1997	06/17/2010	01/26/2010	06/17/2010	09/28/2010		FALSE	FALSE	RPKGD was 56556 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	06/17/2010	01/26/2004	06/17/2010	10/20/2010		FALSE	FALSE	RPKGD was S818793 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/18/2010	01/26/2004	06/18/2010	10/04/2010		FALSE	FALSE	RPKGD was S870190 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/1999	06/18/2010	01/26/2004	06/18/2010	10/05/2010		FALSE	FALSE	RPKGD was 59220 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	06/18/2010	01/26/2004	06/18/2010	10/12/2010		FALSE	FALSE	RPKGD was S816893 (require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	06/18/2010	01/26/2004	06/18/2010	09/01/2010		FALSE	FALSE	RPKGD was S816907 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	06/18/2010	01/26/2004	06/18/2010	09/14/2010		FALSE	FALSE	RPKGD was S822608 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/18/2010	01/26/2004	06/18/2010	08/31/2010		FALSE	FALSE	RPKGD was S846025 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	06/18/2010	01/26/2004	06/18/2010	09/11/2010		FALSE	FALSE	RPKGD was S846051 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	06/21/2010	01/26/2004	06/21/2010	09/09/2010		FALSE	FALSE	RPKGD was S846156 — P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
86258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	06/22/2010	01/26/2004	06/22/2010	09/15/2010		FALSE	FALSE	RPKGD was S824099 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/22/2010	01/26/2004	06/22/2010	10/04/2010	VE	TRUE	FALSE	RPKGD was S832177 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86273	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/22/2010	01/26/2004	06/22/2010	10/23/2010	VE	TRUE	FALSE	RPKGD was S832177 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	06/22/2010	01/26/2004	06/22/2010	08/28/2010		FALSE	FALSE	RPKGD was S834619 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	06/22/2010	01/26/2004	06/22/2010	09/22/2010		FALSE	FALSE	RPKGD was S813603 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86290	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	06/23/2010	01/26/2004	06/23/2010	09/11/2010		FALSE	FALSE	RPKGD was S855561 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	06/24/2010	01/26/2004	06/24/2010	08/28/2010		FALSE	FALSE	RPKGD was S860145 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/24/2010	01/26/2004	06/24/2010	08/31/2010		FALSE	FALSE	RPKGD was S843582 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	06/24/2010	01/26/2004	06/24/2010	09/14/2010		FALSE	FALSE	RPKGD was S834659 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	06/24/2010	01/26/2004	06/24/2010	08/31/2010		FALSE	FALSE	RPKGD was S817480 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	06/24/2010	01/26/2004	06/24/2010	09/22/2010		FALSE	FALSE	RPKGD was S834579 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

86312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/24/2010	01/26/2004	06/24/2010	09/11/2010		FALSE	FALSE	RPKGD was S845106 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	06/24/2010	01/26/2004	06/24/2010	08/31/2010		FALSE	FALSE	RPKGD was S816921 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/24/2010	01/26/2004	06/24/2010	09/01/2010		FALSE	FALSE	RPKGD was S833280 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1989	06/24/2010	01/26/2004	06/24/2010	08/26/2010	VE	TRUE	FALSE	RPKGD was S890336 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	06/24/2010	01/26/2004	06/24/2010	09/13/2010		FALSE	FALSE	RPKGD was S818259 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	06/24/2010	01/26/2004	06/24/2010	09/07/2010		FALSE	FALSE	RPKGD was S870206 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	06/24/2010	01/26/2004	06/24/2010	08/31/2010		FALSE	FALSE	RPKGD was S803165 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	06/24/2010	01/26/2004	06/24/2010	09/01/2010		FALSE	FALSE	RPKGD was 81933 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/29/2010	01/26/2004	06/29/2010	08/26/2010		FALSE	FALSE	RPKGD was S833115 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/29/2010	01/26/2004	06/29/2010	08/31/2010		FALSE	FALSE	RPKGD was S832386 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	06/30/2010	01/26/2004	06/30/2010	08/31/2010		FALSE	FALSE	RPKGD was S852538 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	07/01/2010	01/26/2004	07/01/2010	08/30/2010		FALSE	FALSE	RPKGD was S862960 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	07/01/2010	01/26/2004	07/01/2010	09/30/2010		FALSE	FALSE	RPKGD was S855860 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	07/01/2010	01/26/2004	07/01/2010	08/29/2010		FALSE	FALSE	RPKGD was S864734 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	07/01/2010	01/26/2004	07/01/2010	10/04/2010		FALSE	FALSE	RPKGD was S822837 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	07/06/2010	01/26/2004	07/06/2010	09/14/2011		FALSE	FALSE	RPKGD was S870009 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86365	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	07/06/2010	01/26/2004	07/06/2010	10/23/2010		FALSE	FALSE	RPKGD was S870009 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	07/06/2010	01/26/2004	07/06/2010	05/12/2012		FALSE	FALSE	RPKGD was S825691 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/06/2010	01/26/2004	07/06/2010	08/30/2010		FALSE	FALSE	RPKGD was S824151 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/06/2010	01/26/2004	07/06/2010	10/04/2010		FALSE	FALSE	RPKGD was S825694 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	07/06/2010	01/26/2004	07/06/2010	09/25/2010		FALSE	FALSE	RPKGD was S832442 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	07/06/2010	01/26/2004	07/06/2010	09/28/2010		FALSE	FALSE	RPKGD was S855238 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/06/2010	01/26/2004	07/06/2010	09/25/2010		FALSE	FALSE	RPKGD was S823161 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/06/2010	01/26/2004	07/06/2010	09/25/2010		FALSE	FALSE	RPKGD was S824618 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	07/06/2010	01/26/2004	07/06/2010	09/25/2010		FALSE	FALSE	RPKGD was S802671 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	07/06/2010	01/26/2004	07/06/2010	10/23/2010		FALSE	FALSE	RPKGD was S833554 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/06/2010	01/26/2004	07/06/2010	10/22/2010		FALSE	FALSE	RPKGD was S832532 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/06/2010	01/26/2004	07/06/2010	09/28/2010		FALSE	FALSE	RPKGD was S825659 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	07/07/2010	01/26/2004	07/07/2010	09/11/2010		FALSE	FALSE	RPKGD was S833455 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/10/1995	07/07/2010	12/04/2008	07/07/2010	09/13/2010		FALSE	FALSE	RPKGD was 55262 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	07/07/2010	01/26/2004	07/07/2010	05/10/2012		FALSE	FALSE	RPKGD was S825778 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1999	07/07/2010	12/31/1999	07/07/2010	09/13/2010		FALSE	FALSE	RPKGD was S861815 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1980	07/07/2010	01/26/2004	07/07/2010	08/29/2010		FALSE	FALSE	RPKGD was S804968 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1999	07/07/2010	12/31/1999	07/07/2010	09/28/2010		FALSE	FALSE	RPKGD was S861815 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	07/07/2010	01/26/2004	07/07/2010	09/22/2010		FALSE	FALSE	RPKGD was S853564 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/07/2010	01/26/2004	07/07/2010	10/04/2010		FALSE	FALSE	RPKGD was S824701 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/07/2010	01/26/2004	07/07/2010	10/04/2010		FALSE	FALSE	RPKGD was S825906 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86412	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	07/07/2010	01/26/2004	07/07/2010	08/29/2010		FALSE	FALSE	RPKGD was S813374 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	07/07/2010	01/26/2004	07/07/2010	08/29/2010		FALSE	FALSE	RPKGD was S846126 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/08/2010	01/26/2004	07/08/2010	10/13/2010		FALSE	FALSE	RPKGD was S842531 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	07/08/2010	01/26/2004	07/08/2010	10/22/2010		FALSE	FALSE	RPKGD was S833839 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	07/08/2010	01/26/2004	07/08/2010	10/04/2010		FALSE	FALSE	RPKGD was S834426 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1981	07/08/2010	01/26/2004	07/08/2010	10/04/2010		FALSE	FALSE	RPKGD was S816437 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

86436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	07/08/2010	01/26/2004	07/08/2010	08/29/2010	VE	TRUE	FALSE	RPKGD was S842318 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/08/2010	01/26/2004	07/08/2010	09/28/2010		FALSE	FALSE	RPKGD was S824414 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	07/08/2010	01/26/2004	07/08/2010	10/04/2010		FALSE	FALSE	RPKGD was S824475 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/08/2010	01/26/2004	07/08/2010	09/28/2010		FALSE	FALSE	RPKGD was S846027 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	07/08/2010	01/26/2004	07/08/2010	09/15/2010	VE	TRUE	FALSE	RPKGD was S821263 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86447	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	07/08/2010	01/26/2004	07/08/2010	10/23/2010	VE	TRUE	FALSE	RPKGD was S821263 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86448	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	07/08/2010	01/26/2004	07/08/2010	10/23/2010	VE	TRUE	FALSE	RPKGD was S821263 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/12/2010	01/26/2004	07/12/2010	11/01/2010		FALSE	FALSE	RPKGD was S860141 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86452	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	07/12/2010	01/26/2004	07/12/2010		VE	TRUE	FALSE	RPKGD was S802521 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/12/2010	01/26/2004	07/12/2010	10/22/2010		FALSE	FALSE	RPKGD was S823080 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	07/12/2010	01/26/2004	07/12/2010	11/17/2010		FALSE	FALSE	RPKGD was S813811 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	07/12/2010	01/26/2004	07/12/2010	05/31/2012		FALSE	FALSE	RPKGD was S816806 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/12/2010	01/26/2004	07/12/2010	08/29/2010		FALSE	FALSE	RPKGD was S823225 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	07/12/2010	01/26/2004	07/12/2010	09/28/2010		FALSE	FALSE	RPKGD was S811644 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86469	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/13/2010	01/26/2004	07/13/2010		VE	TRUE	FALSE	RPKGD was S824168 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86470	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/13/2010	01/26/2004	07/13/2010	04/03/2011	VE	TRUE	FALSE	RPKGD was S824168 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/13/2010	01/26/2004	07/13/2010	09/22/2010		FALSE	FALSE	RPKGD was S824477 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1991	07/13/2010	01/26/2004	07/13/2010	10/05/2010		FALSE	FALSE	RPKGD was 81924 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/13/2010	01/26/2004	07/13/2010	10/04/2010		FALSE	FALSE	RPKGD was S844188 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	07/13/2010	01/26/2004	07/13/2010	10/23/2010		FALSE	FALSE	RPKGD was S824122 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	07/13/2010	01/26/2004	07/13/2010	10/22/2010		FALSE	FALSE	RPKGD was S824122 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	07/13/2010	01/26/2004	07/13/2010	09/28/2010		FALSE	FALSE	RPKGD was 60944 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	07/13/2010	01/26/2004	07/13/2010	09/28/2010		FALSE	FALSE	RPKGD was S793736 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	07/13/2010	01/26/2004	07/13/2010	10/04/2010		FALSE	FALSE	RPKGD was S845111 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	07/13/2010	01/26/2004	07/13/2010	10/23/2010		FALSE	FALSE	RPKGD was S802676 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	07/13/2010	01/26/2004	07/13/2010	10/18/2010		FALSE	FALSE	RPKGD was S803054 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	07/13/2010	01/26/2004	07/13/2010	10/04/2010		FALSE	FALSE	RPKGD was S822577 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/14/2010	01/26/2004	07/14/2010	10/07/2010	VE	TRUE	FALSE	RPKGD was S824959 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2000	07/14/2010	01/12/2000	07/14/2010	10/22/2010		FALSE	FALSE	RPKGD was 59205 --- P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=A HOLD_FLAG=
86502	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1987	07/14/2010	07/09/1987	07/14/2010	10/04/2010		FALSE	FALSE	RPKGD was 53065 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
86505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	07/14/2010	01/26/2004	07/14/2010	10/05/2010		FALSE	FALSE	RPKGD was 81564 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86507	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	07/14/2010	01/26/2004	07/14/2010	09/28/2010		FALSE	FALSE	RPKGD was S884335 (require overpacking) --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	07/14/2010	01/26/2004	07/14/2010	08/29/2010	VE	TRUE	FALSE	RPKGD was S811870 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/14/2010	01/26/2004	07/14/2010	10/04/2010		FALSE	FALSE	RPKGD was S823079 --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	07/14/2010	01/26/2004	07/14/2010	10/05/2010		FALSE	FALSE	RPKGD was 81484 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/14/2010	01/26/2004	07/14/2010	10/04/2010		FALSE	FALSE	RPKGD was S824568 --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/14/2010	01/26/2004	07/14/2010	09/23/2010		FALSE	FALSE	RPKGD was S855622 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	07/15/2010	01/26/2004	07/15/2010	10/05/2010		FALSE	FALSE	RPKGD was 80700 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	07/15/2010	01/26/2004	07/15/2010	10/22/2010		FALSE	FALSE	RPKGD was S846652 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	07/15/2010	01/26/2004	07/15/2010	10/04/2010		FALSE	FALSE	RPKGD was S822705 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1985	07/15/2010	01/26/2004	07/15/2010	10/23/2010		FALSE	FALSE	RPKGD was 82060 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981	07/15/2010	01/26/2004	07/15/2010	10/04/2010		FALSE	FALSE	RPKGD was 81960 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	07/15/2010	01/26/2004	07/15/2010	10/05/2010		FALSE	FALSE	RPKGD was 81958 (require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86546	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	07/15/2010	01/26/2004	07/15/2010	10/04/2010		FALSE	FALSE	RPKGD was S816771 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/15/2010	01/26/2004	07/15/2010	09/25/2010		FALSE	FALSE	RPKGD was S824177 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

86553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	07/15/2010	01/26/2004	07/15/2010	04/22/2012		FALSE	FALSE	RPKGD was 81815 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	07/15/2010	01/26/2004	07/15/2010	09/28/2010		FALSE	FALSE	RPKGD was 82263 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	07/19/2010	01/26/2004	07/19/2010	10/23/2010		FALSE	FALSE	RPKGD was S833457 --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	07/19/2010	01/26/2004	07/19/2010	08/29/2010	VE	TRUE	FALSE	RPKGD was S794418 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	07/19/2010	01/26/2004	07/19/2010	09/29/2010		FALSE	FALSE	RPKGD was S862363 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	07/19/2010	01/26/2004	07/19/2010	10/04/2010		FALSE	FALSE	RPKGD was S824052 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	07/19/2010	01/26/2004	07/19/2010	09/25/2010		FALSE	FALSE	RPKGD was 83345 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/19/2010	01/26/2004	07/19/2010	10/22/2010		FALSE	FALSE	RPKGD was S842312 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/19/2010	01/26/2004	07/19/2010	08/29/2010	VE	TRUE	FALSE	RPKGD was S824145 412 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	07/19/2010	01/26/2004	07/19/2010	10/04/2010		FALSE	FALSE	RPKGD was S817108 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1992	07/19/2010	01/26/2004	07/19/2010	10/04/2010		FALSE	FALSE	RPKGD was S823139 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	07/19/2010	01/26/2004	07/19/2010	09/19/2010		FALSE	FALSE	RPKGD was 84186 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86594	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/1988	07/19/2010		07/19/2010	09/25/2010		FALSE	FALSE	RPKGD was 83592 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
86596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	07/20/2010	01/26/2004	07/20/2010	09/29/2010		FALSE	FALSE	RPKGD was 84088 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1999	07/20/2010	05/14/1985	07/20/2010	11/04/2010		FALSE	FALSE	RPKGD was 84188 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	07/20/2010	01/26/2004	07/20/2010	03/14/2011		FALSE	FALSE	RPKGD was 83942 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	07/20/2010	01/26/2004	07/20/2010	09/22/2010		FALSE	FALSE	RPKGD was S832248 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981	07/20/2010	01/26/2004	07/20/2010	09/28/2010	VE	TRUE	FALSE	RPKGD was 83241 --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1997	07/20/2010	01/26/2004	07/20/2010	09/28/2010	VE	TRUE	FALSE	RPKGD was 83909 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	07/20/2010	01/26/2004	07/20/2010	10/04/2010		FALSE	FALSE	RPKGD was S851778 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/11/1994	07/20/2010	01/26/2004	07/20/2010	10/04/2010	VE	TRUE	FALSE	RPKGD was 84227 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	07/20/2010	01/26/2004	07/20/2010	08/29/2010	VE	TRUE	FALSE	RPKGD was S853846 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86621	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	07/20/2010	01/26/2004	07/20/2010	09/22/2010		FALSE	FALSE	RPKGD was S816432 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	07/20/2010	01/26/2004	07/20/2010	09/28/2010	VE	TRUE	FALSE	RPKGD was 84244 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	07/20/2010	01/26/2004	07/20/2010	10/04/2010		FALSE	FALSE	RPKGD was 84545 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/20/2010	01/26/2004	07/20/2010	09/19/2010		FALSE	FALSE	RPKGD was S823180 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/30/2003	07/21/2010	03/19/2008	07/21/2010	10/04/2010		FALSE	FALSE	RPKGD was 60999 --- P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
86640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	07/21/2010	01/26/2004	07/21/2010	09/22/2010		FALSE	FALSE	RPKGD was 61120 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	07/21/2010	01/26/2004	07/21/2010	09/25/2010		FALSE	FALSE	RPKGD was 82595 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	07/21/2010	01/26/2004	07/21/2010	09/25/2010		FALSE	FALSE	RPKGD was S833887 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	07/21/2010	01/26/2004	07/21/2010	09/15/2010		FALSE	FALSE	RPKGD was S802736 --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	07/21/2010	01/26/2004	07/21/2010	10/04/2010		FALSE	FALSE	RPKGD was S882450 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	07/21/2010	01/26/2004	07/21/2010	10/04/2010		FALSE	FALSE	RPKGD was 83183 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	07/21/2010	01/26/2004	07/21/2010	11/01/2010		FALSE	FALSE	RPKGD was S861770 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	07/22/2010	01/26/2004	07/22/2010	09/15/2010		FALSE	FALSE	RPKGD was S824526 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	07/22/2010	01/26/2004	07/22/2010	11/12/2010		FALSE	FALSE	RPKGD was 82632 --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	07/22/2010	01/26/2004	07/22/2010	10/23/2010		FALSE	FALSE	RPKGD was S842415 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	07/22/2010	01/26/2004	07/22/2010	11/12/2010		FALSE	FALSE	RPKGD was S822880 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1982	07/22/2010	01/26/2004	07/22/2010	09/19/2010		FALSE	FALSE	RPKGD was S822614 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1987	07/22/2010		07/22/2010	09/30/2010	VE	TRUE	FALSE	RPKGD was 53212 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
86690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	07/22/2010	01/26/2004	07/22/2010	11/16/2010		FALSE	FALSE	RPKGD was S873545 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	07/22/2010	01/26/2004	07/22/2010	10/22/2010		FALSE	FALSE	RPKGD was S833866 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	07/22/2010	01/26/2004	07/22/2010	10/04/2010		FALSE	FALSE	RPKGD was S818730 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1998	07/26/2010	01/26/2004	07/26/2010	10/04/2010		FALSE	FALSE	RPKGD was 56808 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

86701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1991	07/26/2010	01/26/2004	07/26/2010	10/04/2010		FALSE	FALSE	RPKGD was 24043 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	07/26/2010	01/26/2004	07/26/2010	09/18/2010	VE	TRUE	FALSE	RPKGD was S864691 --- P_MT42=No ,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG=
86707	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	07/26/2010	01/26/2004	07/26/2010	04/03/2011	VE	TRUE	FALSE	RPKGD was S864691 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	07/26/2010	12/31/1999	07/26/2010	09/28/2010	VE	TRUE	FALSE	RPKGD was S860053 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	07/26/2010	01/26/2004	07/26/2010	11/18/2010		FALSE	FALSE	RPKGD was S851670 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	07/26/2010	01/26/2004	07/26/2010	10/22/2010		FALSE	FALSE	RPKGD was 60749 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	07/26/2010	01/26/2004	07/26/2010	11/12/2010		FALSE	FALSE	RPKGD was S824066 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86723	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/26/2010	01/26/2004	07/26/2010	10/04/2010		FALSE	FALSE	RPKGD was S824174 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	08/03/2010	01/26/2004	08/03/2010	11/17/2010	VE	TRUE	FALSE	RPKGD was S824569 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	07/26/2010	01/26/2004	07/26/2010	09/28/2010	VE	TRUE	FALSE	RPKGD was S870453 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	07/29/2010		07/29/2010	11/23/2010		FALSE	FALSE	RPKGD was S813433 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
86738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	07/29/2010	01/26/2004	07/29/2010	10/29/2010		FALSE	FALSE	RPKGD was S822896 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/29/2010	01/26/2004	07/29/2010	09/28/2010	VE	TRUE	FALSE	RPKGD was S860033 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/13/1988	08/03/2010	01/26/2004	08/03/2010	10/24/2010	VE	TRUE	FALSE	RPKGD was 82839 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	08/03/2010	01/26/2004	08/03/2010	10/24/2010		FALSE	FALSE	RPKGD was S824241 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	08/03/2010	01/26/2004	08/03/2010	10/24/2010		FALSE	FALSE	RPKGD was S824449 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	08/03/2010	01/26/2004	08/03/2010	10/24/2010	VE	TRUE	FALSE	RPKGD was S818428 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	08/03/2010	01/26/2004	08/03/2010	10/24/2010		FALSE	FALSE	RPKGD was S844372 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1980	08/03/2010	01/26/2004	08/03/2010	11/18/2010		FALSE	FALSE	RPKGD was S804971 (requitre overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/1990	08/04/2010	01/26/2004	08/04/2010	10/26/2010	VE	TRUE	FALSE	RPKGD was 83090 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1990	08/04/2010		08/04/2010	10/26/2010		FALSE	FALSE	RPKGD was 53939 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
86786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	08/04/2010	01/26/2004	08/04/2010	10/26/2010		FALSE	FALSE	RPKGD was S811623 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980	08/04/2010	01/26/2004	08/04/2010	10/24/2010		FALSE	FALSE	RPKGD was S801678 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/04/2010	01/26/2004	08/04/2010	11/24/2010		FALSE	FALSE	RPKGD was S834493 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	08/04/2010	01/26/2004	08/04/2010	02/08/2011		FALSE	FALSE	RPKGD was 61070 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86796	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980	08/04/2010	01/26/2004	08/04/2010	11/01/2010		FALSE	FALSE	(require overpacking) RPKGD was S802905 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	08/04/2010	01/26/2004	08/04/2010	10/24/2010		FALSE	FALSE	RPKGD was S822821 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	08/05/2010	01/26/2004	08/05/2010	10/24/2010		FALSE	FALSE	RPKGD was S811804 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86808	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	08/05/2010	01/26/2004	08/05/2010	10/26/2010		FALSE	FALSE	RPKGD was S804381 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/1991	08/05/2010	01/26/2004	08/05/2010	10/26/2010		FALSE	FALSE	RPKGD was 54553 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86812	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	08/05/2010	01/26/2004	08/05/2010	11/18/2010		FALSE	FALSE	(require overpacking) RPKGD was S834525 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/05/2010	01/26/2004	08/05/2010	02/27/2011		FALSE	FALSE	RPKGD was S883712 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	08/05/2010	01/26/2004	08/05/2010	10/24/2010		FALSE	FALSE	RPKGD was S844201 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	08/05/2010	01/26/2004	08/05/2010	10/26/2010		FALSE	FALSE	RPKGD was S870349 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	08/05/2010	01/26/2004	08/05/2010	10/24/2010		FALSE	FALSE	RPKGD was S842462 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86824	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	08/05/2010	01/26/2004	08/05/2010	10/24/2010		FALSE	FALSE	RPKGD was S845181 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	08/09/2010	01/26/2004	08/09/2010	10/26/2010		FALSE	FALSE	RPKGD was S845248 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	08/09/2010	01/26/2004	08/09/2010	11/22/2010		FALSE	FALSE	RPKGD was S833924 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	08/09/2010	01/26/2004	08/09/2010	11/24/2010		FALSE	FALSE	RPKGD was S846580 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1988	08/09/2010	01/26/2004	08/09/2010	10/24/2010		FALSE	FALSE	RPKGD was S851817 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	08/10/2010	01/26/2004	08/10/2010	11/24/2010		FALSE	FALSE	RPKGD was S834610 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	08/10/2010	01/26/2004	08/10/2010	11/24/2010		FALSE	FALSE	RPKGD was S842458 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	08/10/2010	01/26/2004	08/10/2010	11/24/2010		FALSE	FALSE	RPKGD was S844700 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86841	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/10/2010	01/26/2004	08/10/2010	04/03/2011	VE	TRUE	FALSE	RPKGD was S841818 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

86843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	08/11/2010	01/26/2004	08/11/2010	10/24/2010		FALSE	FALSE	RPKGD was S864604 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	08/11/2010	01/26/2004	08/11/2010	11/24/2010		FALSE	FALSE	RPKGD was S853824 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	08/11/2010	01/26/2004	08/11/2010	10/24/2010		FALSE	FALSE	RPKGD was S884560 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	08/11/2010	01/26/2004	08/11/2010	10/26/2010	VE	TRUE	FALSE	RPKGD was S862048 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	08/12/2010	01/26/2004	08/12/2010	11/20/2010		FALSE	FALSE	(require overpacking) RPKGD was S844848 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	08/12/2010	01/26/2004	08/12/2010	11/20/2010		FALSE	FALSE	RPKGD was S884707 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/12/2010	01/26/2004	08/12/2010	10/24/2010		FALSE	FALSE	RPKGD was S845314 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86861	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	08/12/2010	12/31/1999	08/12/2010	11/23/2010		FALSE	FALSE	RPKGD was S855945 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	08/16/2010	01/26/2004	08/16/2010	11/24/2010		FALSE	FALSE	RPKGD was S852897 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1986	08/16/2010	01/26/2004	08/16/2010	10/24/2010		FALSE	FALSE	RPKGD was S863628 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	08/16/2010	01/26/2004	08/16/2010	11/23/2010		FALSE	FALSE	RPKGD was S844630 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	08/16/2010	01/26/2004	08/16/2010	11/22/2010		FALSE	FALSE	RPKGD was S853010 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	08/17/2010	01/26/2004	08/17/2010	11/17/2010		FALSE	FALSE	RPKGD was S864556 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	08/17/2010	01/26/2004	08/17/2010	11/20/2010		FALSE	FALSE	RPKGD was S864180 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	08/17/2010	01/26/2004	08/17/2010	10/26/2010	VE	TRUE	FALSE	RPKGD was S852884 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	08/17/2010	01/26/2004	08/17/2010	11/23/2010	VE	TRUE	FALSE	RPKGD was S822707 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	08/17/2010	01/26/2004	08/17/2010	10/24/2010		FALSE	FALSE	RPKGD was S846871 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	08/17/2010	01/26/2004	08/17/2010	11/24/2010		FALSE	FALSE	RPKGD was S835407 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	08/18/2010	01/26/2004	08/18/2010	11/24/2010		FALSE	FALSE	RPKGD was S844267 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/18/2010	01/26/2004	08/18/2010	11/22/2010		FALSE	FALSE	RPKGD was S824597 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	08/18/2010	01/26/2004	08/18/2010	10/26/2010		FALSE	FALSE	RPKGD was S834597 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	08/18/2010	01/26/2004	08/18/2010	02/17/2011		FALSE	FALSE	RPKGD was 61131 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	08/18/2010	01/26/2004	08/18/2010	10/26/2010		FALSE	FALSE	RPKGD was S842488 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86895	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	08/18/2010	01/26/2004	08/18/2010	10/26/2010		FALSE	FALSE	RPKGD was S824428 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1993	08/19/2010	05/06/2008	08/19/2010	11/24/2010		FALSE	FALSE	RPKGD was 54899 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	08/19/2010	01/26/2004	08/19/2010	10/24/2010		FALSE	FALSE	RPKGD was 85085 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	08/19/2010	01/26/2004	08/19/2010	11/23/2010		FALSE	FALSE	RPKGD was S802747 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	08/19/2010	01/26/2004	08/19/2010	11/23/2010		FALSE	FALSE	RPKGD was S824139 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	08/19/2010	01/26/2004	08/19/2010	11/22/2010		FALSE	FALSE	RPKGD was S824082 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/23/2010	01/26/2004	08/23/2010	11/17/2010	VE	TRUE	FALSE	RPKGD was S823141 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86920	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/23/2010	01/26/2004	08/23/2010	04/03/2011	VE	TRUE	FALSE	RPKGD was S823141 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/1987	08/23/2010		08/23/2010	10/29/2010	VE	TRUE	FALSE	RPKGD was 53133 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
86924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	08/23/2010	01/26/2004	08/23/2010	10/24/2010	VE	TRUE	FALSE	RPKGD was S871891 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	08/23/2010	01/26/2004	08/23/2010	10/26/2010	VE	TRUE	FALSE	RPKGD was S822887 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	08/24/2010	01/26/2004	08/24/2010	11/24/2010		FALSE	FALSE	RPKGD was S862951 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1989	08/24/2010		08/24/2010	11/17/2010		FALSE	FALSE	RPKGD was 52067 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
86942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	08/24/2010	01/26/2004	08/24/2010	11/18/2010		FALSE	FALSE	RPKGD was S870447 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1989	08/24/2010		08/24/2010	11/18/2010		FALSE	FALSE	RPKGD was 52900 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
86950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/24/2010	01/26/2004	08/24/2010	11/23/2010		FALSE	FALSE	RPKGD was 84135 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/1990	08/24/2010		08/24/2010	11/17/2010		FALSE	FALSE	RPKGD was 52346 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
86954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	08/25/2010	12/31/1999	08/25/2010	11/24/2010	VE	TRUE	FALSE	RPKGD was S853469 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	08/25/2010	01/26/2004	08/25/2010	11/24/2010		FALSE	FALSE	RPKGD was 84948 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	08/25/2010	01/26/2004	08/25/2010	11/24/2010		FALSE	FALSE	RPKGD was S811645 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
86966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/26/2010	01/26/2010	08/26/2010	11/18/2010		FALSE	FALSE	RPKGD was 61157 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1995	08/26/2010		08/26/2010	11/24/2010	VE	TRUE	FALSE	RPKGD was 55859 --- P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=

86978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1988	08/26/2010	01/26/2004	08/26/2010	11/18/2010	VE	TRUE	FALSE	RPKGD was 53368 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	08/26/2010	01/26/2004	08/26/2010	11/24/2010		FALSE	FALSE	RPKGD was S824239 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	08/30/2010	01/26/2004	08/30/2010	04/04/2011		FALSE	FALSE	RPKGD was S813496 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	08/30/2010	01/26/2004	08/30/2010	11/22/2010	VE	TRUE	FALSE	RPKGD was S824148 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1997	08/30/2010	01/26/2004	08/30/2010	11/24/2010	VE	TRUE	FALSE	RPKGD was 54997 — P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
86992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1989	08/30/2010	01/26/2004	08/30/2010	11/24/2010	VE	TRUE	FALSE	RPKGD was 52367 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	08/30/2010	01/26/2004	08/30/2010	05/04/2011		FALSE	FALSE	RPKGD was S671674 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	08/30/2010	01/26/2004	08/30/2010	11/24/2010	VE	TRUE	FALSE	RPKGD was S845039 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
86998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	08/30/2010	01/26/2004	08/30/2010	02/14/2011		FALSE	FALSE	RPKGD was S803017 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/16/1989	08/31/2010	01/26/2004	08/31/2010	11/24/2010		FALSE	FALSE	RPKGD was 56602 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	08/31/2010	01/26/2004	08/31/2010	04/04/2011		FALSE	FALSE	RPKGD was S822668 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1995	08/31/2010	01/26/2004	08/31/2010	02/14/2011	VE	TRUE	FALSE	RPKGD was 60748 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	08/31/2010	01/26/2004	08/31/2010	05/05/2011		FALSE	FALSE	RPKGD was S824982 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	08/31/2010	01/26/2004	08/31/2010	04/04/2011		FALSE	FALSE	RPKGD was S824447 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	08/31/2010	01/26/2004	08/31/2010	02/14/2011	VE	TRUE	FALSE	RPKGD was S823181 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87016	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	08/31/2010	01/26/2004	08/31/2010	04/03/2011	VE	TRUE	FALSE	RPKGD was S823181 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	09/01/2010	01/26/2004	09/01/2010	05/05/2011		FALSE	FALSE	RPKGD was S824478 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	09/01/2010	01/26/2004	09/01/2010	04/21/2011		FALSE	FALSE	RPKGD was S833454 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	09/01/2010	01/26/2004	09/01/2010	05/05/2011		FALSE	FALSE	RPKGD was S851599 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	09/01/2010	01/26/2004	09/01/2010	04/04/2011		FALSE	FALSE	RPKGD was S833519 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	09/14/2010	01/26/2004	09/14/2010	05/05/2011		FALSE	FALSE	RPKGD was S802656 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87028	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	09/14/2010	01/26/2004	09/14/2010	05/18/2011		FALSE	FALSE	RPKGD was S802640 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	09/14/2010	01/26/2004	09/14/2010	05/11/2011		FALSE	FALSE	RPKGD was S802645 (require overpacking) 412 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87033	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	09/14/2010	01/26/2004	09/14/2010	06/09/2011		FALSE	FALSE	RPKGD was S802645 412 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	09/14/2010	01/26/2004	09/14/2010	04/04/2011		FALSE	FALSE	RPKGD was S816868 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	09/14/2010	01/26/2004	09/14/2010	05/01/2011		FALSE	FALSE	RPKGD was S802601 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	09/15/2010	01/26/2004	09/15/2010	04/18/2011		FALSE	FALSE	RPKGD was S822748 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	09/15/2010	01/26/2004	09/15/2010	04/18/2011		FALSE	FALSE	RPKGD was S824574 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87052	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	09/15/2010	01/26/2004	09/15/2010	09/13/2011		FALSE	FALSE	RPKGD was S824574 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	09/18/2010	01/26/2004	09/18/2010	04/21/2011		FALSE	FALSE	RPKGD was S824621 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	09/18/2010	01/26/2004	09/18/2010	04/18/2011		FALSE	FALSE	RPKGD was S815047 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	09/18/2010	01/26/2004	09/18/2010	05/11/2011		FALSE	FALSE	RPKGD was S815047 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	09/18/2010	01/26/2004	09/18/2010	04/18/2011		FALSE	FALSE	RPKGD was S825714 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87066	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	09/18/2010	01/26/2004	09/18/2010	09/13/2011		FALSE	FALSE	RPKGD was S825714 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=LANL NEEDS 412 REWORK
87069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	09/18/2010	01/26/2004	09/18/2010	04/04/2011		FALSE	FALSE	RPKGD was S813478 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	09/18/2010	01/26/2004	09/18/2010	05/11/2011		FALSE	FALSE	RPKGD was S813478 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	09/21/2010	12/31/2001	09/21/2010	04/04/2011		FALSE	FALSE	RPKGD was S832350 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	09/21/2010	01/26/2004	09/21/2010	04/19/2011		FALSE	FALSE	RPKGD was S832277 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/21/2010	01/26/2004	09/21/2010	04/04/2011		FALSE	FALSE	RPKGD was S855773 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	09/21/2010	01/26/2004	09/21/2010	04/29/2011		FALSE	FALSE	RPKGD was S832416 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

87097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	09/22/2010	01/26/2004	09/22/2010	04/21/2011		FALSE	FALSE	RPKGD was S851821 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87099	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	09/22/2010	01/26/2004	09/22/2010	04/03/2011		FALSE	FALSE	RPKGD was S851821 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	09/22/2010	01/26/2004	09/22/2010	05/18/2011		FALSE	FALSE	RPKGD was S851871 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	09/22/2010	01/26/2004	09/22/2010	05/01/2011		FALSE	FALSE	RPKGD was S846090 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	09/22/2010	01/26/2004	09/22/2010	05/11/2011		FALSE	FALSE	RPKGD was S843640 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/22/2010	01/26/2004	09/22/2010	05/11/2011		FALSE	FALSE	RPKGD was S870253 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	09/23/2010	01/26/2004	09/23/2010	03/30/2011		FALSE	FALSE	RPKGD was S823291 (require overpacking) 412 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	09/23/2010	01/26/2004	09/23/2010	10/24/2012	REJECT	FALSE	FALSE	RPKGD was S802761 412 Rejected for sealed containe — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	09/23/2010	01/26/2004	09/23/2010	05/10/2011		FALSE	FALSE	RPKGD was S823278 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87126	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	09/23/2010	01/26/2004	09/23/2010	04/03/2011		FALSE	FALSE	RPKGD was S823278 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	09/27/2010	01/26/2004	09/27/2010	04/13/2011		FALSE	FALSE	RPKGD was S883073 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/27/2010	01/26/2004	09/27/2010	05/01/2011		FALSE	FALSE	RPKGD was S884231 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87130	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/27/2010	01/26/2004	09/27/2010	04/03/2011		FALSE	FALSE	RPKGD was S884231 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	09/27/2010	01/26/2004	09/27/2010	04/10/2011		FALSE	FALSE	RPKGD was S862291 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	09/28/2010	01/26/2004	09/28/2010	01/11/2012		FALSE	FALSE	RPKGD was S851834 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	09/28/2010	01/26/2004	09/28/2010	04/04/2011		FALSE	FALSE	RPKGD was S884631 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	09/28/2010	01/26/2004	09/28/2010	03/22/2011		FALSE	FALSE	RPKGD was S823059 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	09/28/2010	01/26/2004	09/28/2010	03/30/2011		FALSE	FALSE	RPKGD was S822799 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/28/2010	01/26/2004	09/28/2010	04/12/2011		FALSE	FALSE	RPKGD was S870224 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87151	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/28/2010	01/26/2004	09/28/2010	04/03/2011		FALSE	FALSE	RPKGD was S870224 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	09/29/2010	01/26/2004	09/29/2010	05/01/2011		FALSE	FALSE	RPKGD was S822641 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	09/29/2010	01/26/2004	09/29/2010	03/09/2011		FALSE	FALSE	RPKGD was S822696 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	09/29/2010	01/26/2004	09/29/2010	05/01/2011		FALSE	FALSE	RPKGD was S822554 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	09/29/2010	01/26/2004	09/29/2010	05/05/2011		FALSE	FALSE	RPKGD was S816658 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	10/04/2010	01/26/2004	10/04/2010	02/10/2011		FALSE	FALSE	RPKGD was S825010 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	10/04/2010	01/26/2004	10/04/2010	03/17/2011		FALSE	FALSE	RPKGD was S832204 (require overpacking) 412 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87168	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	10/04/2010	01/26/2004	10/04/2010	03/17/2011		FALSE	FALSE	RPKGD was S832436 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/04/2010	01/26/2004	10/04/2010	03/08/2011		FALSE	FALSE	RPKGD was S825895 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/04/2010	01/26/2004	10/04/2010	02/27/2011		FALSE	FALSE	RPKGD was S825895 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	10/04/2010	01/26/2004	10/04/2010	02/27/2011		FALSE	FALSE	RPKGD was S824485 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/05/2010	01/26/2004	10/05/2010	03/16/2011		FALSE	FALSE	RPKGD was S821266 (require overpacking) 412 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	10/05/2010	01/26/2004	10/05/2010	03/17/2011		FALSE	FALSE	RPKGD was S822694 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	10/05/2010	01/26/2004	10/05/2010	03/24/2011		FALSE	FALSE	RPKGD was S822694 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	10/06/2010	01/26/2004	10/06/2010	04/12/2011		FALSE	FALSE	RPKGD was S824520 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/06/2010	01/26/2004	10/06/2010	04/04/2011		FALSE	FALSE	RPKGD was S824693 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	10/06/2010	01/26/2004	10/06/2010	03/14/2011		FALSE	FALSE	RPKGD was S822885 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

87219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	10/07/2010	01/26/2004	10/07/2010	03/27/2011		FALSE	FALSE	RPKGD was S851645 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	10/07/2010	01/26/2004	10/07/2010	02/08/2011	VE	TRUE	FALSE	RPKGD was S851832 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	10/07/2010	01/26/2004	10/07/2010	03/08/2011		FALSE	FALSE	RPKGD was S822687 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	10/07/2010	01/26/2004	10/07/2010	03/22/2011		FALSE	FALSE	RPKGD was S843619 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	10/07/2010	01/26/2004	10/07/2010	02/09/2011		FALSE	FALSE	RPKGD was S845093 412 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	10/12/2010	01/26/2004	10/12/2010	03/08/2011		FALSE	FALSE	RPKGD was S845263 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	10/12/2010	01/26/2004	10/12/2010	02/27/2011		FALSE	FALSE	RPKGD was S851653 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	10/12/2010	01/26/2004	10/12/2010	03/24/2011		FALSE	FALSE	RPKGD was S813674 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	10/12/2010	01/26/2004	10/12/2010	02/14/2011		FALSE	FALSE	RPKGD was S851544 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	10/12/2010	01/26/2004	10/12/2010	02/08/2011	VE	TRUE	FALSE	RPKGD was S851615 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/14/2010	01/26/2004	10/14/2010	03/07/2011		FALSE	FALSE	RPKGD was S883058 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/14/2010	01/26/2004	10/14/2010	09/26/2011		FALSE	FALSE	RPKGD was S883020 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	10/14/2010	01/26/2004	10/14/2010	02/08/2011		FALSE	FALSE	RPKGD was S851410 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/23/1987	10/14/2010	01/26/2004	10/14/2010	04/13/2011		FALSE	FALSE	RPKGD was S900248 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1989	10/14/2010	01/26/2004	10/14/2010	02/27/2011		FALSE	FALSE	RPKGD was S901285 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/14/2010	01/26/2004	10/14/2010	02/07/2011	VE	TRUE	FALSE	RPKGD was S883827 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/14/2010	01/26/2004	10/14/2010	02/08/2011		FALSE	FALSE	RPKGD was S863747 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/14/1987	10/18/2010	01/26/2004	10/18/2010	03/14/2011		FALSE	FALSE	RPKGD was S871847 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/18/2010	01/26/2004	10/18/2010	03/17/2011		FALSE	FALSE	RPKGD was S863804 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	10/18/2010	01/26/2004	10/18/2010	03/17/2011		FALSE	FALSE	RPKGD was S851669 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/1989	10/18/2010	01/26/2004	10/18/2010	03/20/2011		FALSE	FALSE	*RPKGD was S902268 412 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes,* Actual_Default_Ventdate=D HOLD_FLAG=
87304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	10/18/2010	01/26/2004	10/18/2010	03/27/2011		FALSE	FALSE	RPKGD was S884317 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/18/2010	01/26/2004	10/18/2010	02/08/2011		FALSE	FALSE	RPKGD was S883687 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1989	10/19/2010	01/26/2004	10/19/2010	04/04/2011		FALSE	FALSE	RPKGD was S900248 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1989	10/19/2010	01/26/2004	10/19/2010	02/08/2011		FALSE	FALSE	RPKGD was S891272 412 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	10/19/2010	01/26/2004	10/19/2010	02/08/2011		FALSE	FALSE	RPKGD was S833033 412 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	10/19/2010	01/26/2004	10/19/2010	02/08/2011		FALSE	FALSE	RPKGD was S825015 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	10/19/2010	01/26/2004	10/19/2010	04/29/2011		FALSE	FALSE	RPKGD was S813692 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	10/19/2010	01/26/2004	10/19/2010	02/08/2011		FALSE	FALSE	RPKGD was S813692 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	10/19/2010	01/26/2004	10/19/2010	05/01/2011		FALSE	FALSE	RPKGD was S844240 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87323	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	10/19/2010	01/26/2004	10/19/2010	04/03/2011		FALSE	FALSE	RPKGD was S844240 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	10/19/2010	01/26/2004	10/19/2010	04/21/2011		FALSE	FALSE	RPKGD was S825888 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/28/1998	10/19/2010	01/26/2004	10/19/2010	03/17/2011		FALSE	FALSE	RPKGD was 56588 412 (mislabeled 87316) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	10/21/2010	03/22/1989	10/21/2010	02/14/2011		FALSE	FALSE	RPKGD was 52442 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	10/21/2010	03/22/1989	10/21/2010	03/22/2011		FALSE	FALSE	RPKGD was 52442 (require overpacking) 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	10/21/2010	01/26/2004	10/21/2010	02/14/2011		FALSE	FALSE	RPKGD was S841329 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	10/21/2010	01/26/2004	10/21/2010	04/13/2011		FALSE	FALSE	RPKGD was S833084 412 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	10/21/2010	01/26/2004	10/21/2010	03/14/2011		FALSE	FALSE	RPKGD was S824165 412 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	10/21/2010	01/26/2004	10/21/2010	04/21/2011		FALSE	FALSE	RPKGD was S816370 412 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

87358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/1990	10/21/2010	01/26/2004	10/21/2010	04/04/2011		FALSE	FALSE	RPKGD was S902107 Old AK7 412 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	10/21/2010	01/26/2004	10/21/2010	07/29/2012		FALSE	FALSE	RPKGD was S851531 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	10/21/2010	01/26/2004	10/21/2010	04/10/2011		FALSE	FALSE	RPKGD was S851847 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/03/1989	10/21/2010	01/26/2004	10/21/2010	04/04/2011		FALSE	FALSE	RPKGD was S891033 412 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	10/22/2010	01/26/2004	10/22/2010	07/16/2011		FALSE	FALSE	RPKGD was S870457 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/23/1989	10/22/2010	01/26/2004	10/22/2010	05/05/2011		FALSE	FALSE	RPKGD was S902270 412 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	10/22/2010	01/26/2004	10/22/2010	03/22/2011		FALSE	FALSE	RPKGD was S824054 412 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	10/22/2010	01/26/2004	10/22/2010	05/04/2011		FALSE	FALSE	RPKGD was S851405 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	10/22/2010	01/26/2004	10/22/2010	03/07/2011		FALSE	FALSE	RPKGD was S824075 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988	10/25/2010	01/26/2004	10/25/2010	03/08/2011		FALSE	FALSE	RPKGD was S881832 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/14/1990	10/25/2010	01/26/2004	10/25/2010	03/20/2011		FALSE	FALSE	RPKGD was S911829 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	10/25/2010	01/26/2004	10/25/2010	04/04/2011		FALSE	FALSE	RPKGD was S851704 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	10/25/2010	01/26/2004	10/25/2010	03/07/2011		FALSE	FALSE	RPKGD was S822681 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	10/25/2010	01/26/2004	10/25/2010	03/14/2011		FALSE	FALSE	RPKGD was S825005 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87403	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	10/25/2010	01/26/2004	10/25/2010	06/09/2011		FALSE	FALSE	RPKGD was S825005 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87416	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	10/27/2010	01/26/2004	10/27/2010	02/10/2011		FALSE	FALSE	RPKGD was S864579 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	10/27/2010	01/26/2004	10/27/2010	04/16/2011		FALSE	FALSE	RPKGD was S884207 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	10/27/2010	01/26/2004	10/27/2010	04/21/2011		FALSE	FALSE	RPKGD was S813584 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/27/2010	01/26/2004	10/27/2010	03/17/2011		FALSE	FALSE	RPKGD was S825892 412 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/27/2010	01/26/2004	10/27/2010	02/27/2011		FALSE	FALSE	RPKGD was S862926 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	10/27/2010	01/26/2004	10/27/2010	04/16/2011		FALSE	FALSE	RPKGD was S824669 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/27/2010	01/26/2004	10/27/2010	03/22/2011		FALSE	FALSE	RPKGD was S825001 412 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87444	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		11/01/2010		11/01/2010	09/21/2012		TRUE	FALSE	RPKGD was S852534 412 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/01/2010	01/26/2004	11/01/2010	02/27/2011		FALSE	FALSE	RPKGD was S833011 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	11/01/2010	01/26/2004	11/01/2010	02/27/2011		FALSE	FALSE	RPKGD was S824138 (require overpacking) 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87453	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	11/01/2010	01/26/2004	11/01/2010	04/03/2011		FALSE	FALSE	RPKGD was S824138 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1989	11/01/2010	01/26/2004	11/01/2010	03/08/2011		FALSE	FALSE	RPKGD was S900245 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/01/1989	11/01/2010	01/26/2004	11/01/2010	03/16/2011		FALSE	FALSE	RPKGD was S891526 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	11/01/2010	01/26/2004	11/01/2010	03/16/2011		FALSE	FALSE	RPKGD was S862948 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1998	11/15/2010	01/26/2004	11/15/2010	04/11/2011		FALSE	FALSE	RPKGD was 57743 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1999	11/16/2010	01/26/2004	11/16/2010	02/10/2011		FALSE	FALSE	RPKGD was 57195 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1999	11/16/2010	01/26/2004	11/16/2010	04/04/2011		FALSE	FALSE	RPKGD was 57966 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1999	11/16/2010	01/26/2004	11/16/2010	04/10/2011		FALSE	FALSE	RPKGD was 58093 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/14/2008	11/17/2010	12/14/2008	11/17/2010	05/19/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was 58197 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2000	11/17/2010	01/26/2004	11/17/2010	08/27/2011		FALSE	FALSE	RPKGD was 58327 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1988	11/17/2010	01/26/2004	11/17/2010	04/04/2011	VE	TRUE	FALSE	RPKGD was 53648 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	11/17/2010	01/26/2004	11/17/2010	05/19/2011		FALSE	FALSE	RPKGD was S823158 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	11/17/2010	01/26/2004	11/17/2010	05/21/2011		FALSE	FALSE	RPKGD was 86537 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87545	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1989	11/18/2010	01/26/2004	11/18/2010	05/26/2011		FALSE	FALSE	RPKGD was 82771 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	11/18/2010	01/26/2004	11/18/2010	05/25/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824445 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1999	11/19/2010	01/26/2004	11/19/2010	04/21/2011		FALSE	FALSE	RPKGD was 60991 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	11/19/2010	07/31/2006	11/19/2010	04/04/2011		FALSE	FALSE	RPKGD was 59413 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

87577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/2004	11/19/2010	06/02/2004	11/19/2010	04/18/2011		FALSE	FALSE	RPKGD was 62212 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2005	11/22/2010	04/29/2005	11/22/2010	04/21/2011		FALSE	FALSE	RPKGD was 60587 (require overpacking) Np-237 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/29/2005	11/22/2010	04/29/2005	11/22/2010	05/24/2011		FALSE	FALSE	RPKGD was 60585 Np-237 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2002	11/22/2010	09/17/2002	11/22/2010	04/18/2011		FALSE	FALSE	RPKGD was 59401 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/2002	11/23/2010	01/26/2004	11/23/2010	12/21/2011		FALSE	FALSE	RPKGD was 60112 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/2003	11/23/2010	07/31/2006	11/23/2010	04/04/2011	VE	TRUE	FALSE	RPKGD was 60619 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005	11/23/2010	11/29/2005	11/23/2010	04/04/2011	VE	TRUE	FALSE	RPKGD was 62543 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87603	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/2001	11/23/2010	01/26/2004	11/23/2010	04/04/2011		FALSE	FALSE	RPKGD was 59356 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/2003	11/23/2010	08/05/2003	11/23/2010	05/21/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was 61289 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/30/1999	11/23/2010	01/26/2004	11/23/2010	05/04/2011		FALSE	FALSE	RPKGD was 61038 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2004	11/23/2010	03/18/2004	11/23/2010	04/18/2011		FALSE	FALSE	RPKGD was 62622 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87614	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/2004	11/23/2010	03/18/2004	11/23/2010	08/09/2011		FALSE	FALSE	RPKGD was 62622 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/2001	11/23/2010	01/26/2004	11/23/2010	05/18/2011		FALSE	FALSE	RPKGD was 59329 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/19/2004	11/23/2010	04/19/2004	11/23/2010	04/21/2011		FALSE	FALSE	RPKGD was 62671 (require overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/2007	11/23/2010	05/17/2007	11/23/2010	05/05/2011		FALSE	FALSE	RPKGD was 63789 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005	11/23/2010	07/31/2006	11/23/2010	04/04/2011		FALSE	FALSE	RPKGD was 62627 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/2007	11/30/2010	11/28/2007	11/30/2010	04/04/2011		FALSE	FALSE	RPKGD was 64108 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
87628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004	11/30/2010	04/01/2004	11/30/2010	07/13/2011		FALSE	FALSE	RPKGD was 62636 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/20/2006	11/30/2010	06/20/2006	11/30/2010	04/19/2011		FALSE	FALSE	RPKGD was 62891 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/2007	11/30/2010	09/04/2007	11/30/2010	04/04/2011		FALSE	FALSE	RPKGD was 63885 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2006	11/30/2010	10/11/2006	11/30/2010	04/21/2011		FALSE	FALSE	RPKGD was 63504 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2003	11/30/2010	07/31/2006	11/30/2010	04/04/2011		FALSE	FALSE	RPKGD was 60610 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/20/2005	11/30/2010	07/31/2006	11/30/2010	05/18/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was 62699 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/2007	12/01/2010	04/30/2007	12/01/2010	08/25/2012	VE	TRUE	FALSE	RPKGD was 62950 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
87658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1998	12/02/2010	01/26/2004	12/02/2010	05/21/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S6897 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/2003	12/02/2010	07/31/2006	12/02/2010	02/14/2011	VE	TRUE	FALSE	RPKGD was 63074 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1999	12/02/2010	07/31/2006	12/02/2010	02/14/2011	VE	TRUE	FALSE	RPKGD was 62845 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/01/2007	12/02/2010	08/01/2007	12/02/2010	02/14/2011	VE	TRUE	FALSE	RPKGD was 63189 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	12/03/2010	01/26/2004	12/03/2010	04/04/2011		FALSE	FALSE	RPKGD was S843678 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	12/03/2010	01/26/2004	12/03/2010	04/04/2011		FALSE	FALSE	RPKGD was S851600 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	12/03/2010	01/26/2004	12/03/2010	04/21/2011		FALSE	FALSE	RPKGD was S842393 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	12/03/2010	01/26/2004	12/03/2010	04/18/2011		FALSE	FALSE	RPKGD was S794443 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/2006	12/03/2010	07/31/2006	12/03/2010	05/16/2011		FALSE	FALSE	RPKGD was 62550 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	12/06/2010	01/26/2004	12/06/2010	04/04/2011		FALSE	FALSE	RPKGD was S851740 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/06/2010	01/26/2004	12/06/2010	04/21/2011	VE	TRUE	FALSE	RPKGD was S863682 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/06/2010	12/31/1999	12/06/2010	05/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	12/07/2010	01/26/2004	12/07/2010	04/04/2011		FALSE	FALSE	RPKGD was S870122 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/1989	12/07/2010	01/26/2004	12/07/2010	06/17/2011		FALSE	FALSE	RPKGD was S902273 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/07/2010	01/26/2004	12/07/2010	05/18/2011		FALSE	FALSE	RPKGD was S863713 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/07/2010	01/26/2004	12/07/2010	05/19/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863785 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/1989	12/07/2010	01/26/2004	12/07/2010	04/04/2011		FALSE	FALSE	RPKGD was S901287 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/1989	12/07/2010	01/26/2004	12/07/2010	05/16/2011		FALSE	FALSE	RPKGD was S891506 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87720	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1989	12/07/2010	01/26/2004	12/07/2010	06/08/2011		FALSE	FALSE	RPKGD was S891418 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

87728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1990	12/08/2010	01/28/2004	12/08/2010	05/16/2011		FALSE	FALSE	RPKGD was S911818 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	12/08/2010	01/26/2004	12/08/2010	05/16/2011		FALSE	FALSE	RPKGD was S864224 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	12/08/2010	01/26/2004	12/08/2010	04/04/2011		FALSE	FALSE	RPKGD was S818429 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1988	12/08/2010	01/26/2004	12/08/2010	05/16/2011		FALSE	FALSE	RPKGD was S892971 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	12/08/2010	01/26/2004	12/08/2010	02/10/2011	VE	TRUE	FALSE	RPKGD was S822890 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	12/08/2010	01/26/2004	12/08/2010	05/16/2011		FALSE	FALSE	RPKGD was S870311 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	12/08/2010	01/26/2004	12/08/2010	02/14/2011	VE	TRUE	FALSE	RPKGD was S870323 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	12/08/2010	01/26/2004	12/08/2010	05/19/2011		FALSE	FALSE	RPKGD was S870418 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/08/2010	01/26/2004	12/08/2010	05/19/2011		FALSE	FALSE	RPKGD was S863791 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	12/09/2010	01/26/2004	12/09/2010	05/19/2011		FALSE	FALSE	RPKGD was S870368 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	12/10/2010	01/26/2004	12/10/2010	08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822757 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1980	12/10/2010	01/26/2004	12/10/2010	08/10/2011		FALSE	FALSE	RPKGD was S806048 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87773	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1964	12/10/2010	01/26/2004	12/10/2010	04/04/2011	VE	TRUE	FALSE	RPKGD was S846717 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	12/10/2010	01/26/2004	12/10/2010	10/19/2011		FALSE	FALSE	RPKGD was S851579 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/10/2010	12/31/1999	12/10/2010	08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863693 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/1986	12/10/2010	12/31/1999	12/10/2010	08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862987 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	12/13/2010	01/26/2004	12/13/2010	05/05/2011		FALSE	FALSE	RPKGD was S870222 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	12/13/2010	01/26/2004	12/13/2010	05/16/2011		FALSE	FALSE	RPKGD was S902102 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	12/14/2010	01/26/2004	12/14/2010	11/20/2011		FALSE	FALSE	RPKGD was S883125 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/1989	12/14/2010	01/26/2004	12/14/2010	05/16/2011		FALSE	FALSE	RPKGD was S902279 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	12/14/2010	01/26/2004	12/14/2010	01/04/2012	VE	TRUE	FALSE	RPKGD was S823254 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	12/14/2010	12/31/1999	12/14/2010	05/25/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853712 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1989	12/14/2010	01/26/2004	12/14/2010	05/16/2011		FALSE	FALSE	RPKGD was S891324 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	12/15/2010	12/31/1999	12/15/2010	06/30/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S864686 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	12/15/2010	01/26/2004	12/15/2010	10/16/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S832574 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	12/15/2010	12/31/1999	12/15/2010	05/18/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S884323 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	12/15/2010	01/26/2004	12/15/2010	05/18/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851522 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1988	12/15/2010	01/26/2004	12/15/2010	10/17/2011		FALSE	FALSE	RPKGD was S881561 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	12/15/2010	01/26/2004	12/15/2010	03/02/2012		FALSE	FALSE	RPKGD was S851798 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/15/2010	01/26/2004	12/15/2010	04/18/2011		FALSE	FALSE	RPKGD was S881790 (require overpacking) — P_MT42=No,MT_83=MT Not Available,MT_83_REPORTED > 50%=MT Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
87814	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/15/2010	01/26/2004	12/15/2010	12/08/2012		FALSE	FALSE	RPKGD was S861790 — P_MT42=No,MT_83=MT Not Available,MT_83_REPORTED > 50%=MT Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
87816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1996	12/16/2010	01/26/2004	12/16/2010	10/18/2011		FALSE	FALSE	RPKGD was S863026 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1988	12/16/2010	01/26/2004	12/16/2010	05/16/2011		FALSE	FALSE	RPKGD was S881536 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	12/16/2010	12/31/1999	12/16/2010	05/16/2011		FALSE	FALSE	RPKGD was S864332 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988	12/20/2010	01/26/2004	12/20/2010	04/21/2011	VE	TRUE	FALSE	RPKGD was S881551 (require overpacking) Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	12/20/2010	01/26/2004	12/20/2010	10/18/2011		FALSE	FALSE	RPKGD was S855642 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87833	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/23/2009	12/20/2010	04/23/2009	12/20/2010	04/04/2011	VE	TRUE	FALSE	RPKGD was 84960 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	12/20/2010	01/26/2004	12/20/2010	04/21/2011	VE	TRUE	FALSE	RPKGD was S833312 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/20/2010	01/26/2004	12/20/2010	04/04/2011	VE	TRUE	FALSE	RPKGD was S835410 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/25/2009	12/20/2010	03/25/2009	12/20/2010	05/16/2011		FALSE	FALSE	RPKGD was 84918 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

87841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	12/21/2010	01/26/2004	12/21/2010	05/19/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862019 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/03/2011	01/26/2004	01/03/2011	05/19/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851760 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/04/2011	01/26/2004	01/04/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851744 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/04/2011	01/26/2004	01/04/2011	05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S845318 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/04/2011	01/26/2004	01/04/2011	08/18/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851768 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	01/04/2011	01/26/2004	01/04/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S825818 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	01/04/2011	01/26/2004	01/04/2011	05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833106 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/04/2011	01/26/2004	01/04/2011	08/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822558 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	01/04/2011	01/26/2004	01/04/2011	08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851691 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/04/2011	01/26/2004	01/04/2011	05/19/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833874 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87860	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/04/2011	01/26/2004	01/04/2011	08/23/2011		FALSE	FALSE	RPKGD was S833874 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	01/05/2011	01/26/2004	01/05/2011	12/10/2011	VE	TRUE	FALSE	RPKGD was S863826 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87864	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	01/05/2011	01/26/2004	01/05/2011	08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S802579 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87865	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	01/05/2011	01/26/2004	01/05/2011	06/09/2011		FALSE	FALSE	RPKGD was S802579 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/05/2011	01/26/2004	01/05/2011	08/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862378 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	01/05/2011	01/26/2004	01/05/2011	05/18/2011		FALSE	FALSE	RPKGD was S813560 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/05/2011	01/26/2004	01/05/2011	05/19/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822734 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87873	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/05/2011	01/26/2004	01/05/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822754 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=1 HOLD_FLAG=
87874	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/05/2011	01/26/2004	01/05/2011	09/13/2011		FALSE	FALSE	RPKGD was S822754 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/05/2011	01/26/2004	01/05/2011	05/18/2011		FALSE	FALSE	RPKGD was S851839 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2007	01/05/2011	05/10/2007	01/05/2011	08/01/2011	VE	TRUE	FALSE	RPKGD was 63769 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=
87880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	01/05/2011	01/26/2004	01/05/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S852044 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87882	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/08/2011	01/26/2004	01/08/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822758 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/08/2011	01/26/2004	01/08/2011	08/20/2011		FALSE	FALSE	RPKGD was S822932 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87886	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/08/2011	01/26/2004	01/08/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823001 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1989	01/08/2011	01/26/2004	01/08/2011	08/20/2011		FALSE	FALSE	RPKGD was S891274 Old AK7 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/08/2011	01/26/2004	01/08/2011	10/13/2011		FALSE	FALSE	RPKGD was S823028 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1986	01/15/2011	01/26/2004	01/15/2011	10/09/2011		FALSE	FALSE	RPKGD was S863720 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	01/15/2011	01/26/2004	01/15/2011	10/09/2011		FALSE	FALSE	RPKGD was S853746 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	01/15/2011	01/26/2004	01/15/2011	10/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824163 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1982	01/18/2011	01/26/2004	01/18/2011	05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823315 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/18/2011	01/26/2004	01/18/2011	10/09/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S864269 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981	01/18/2011	01/26/2004	01/18/2011	10/17/2011		FALSE	FALSE	RPKGD was S813629 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1989	01/18/2011	01/26/2004	01/18/2011	10/27/2011		FALSE	FALSE	RPKGD was S891518 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/18/2011	01/26/2004	01/18/2011	10/19/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862885 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

87907	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/18/2011	01/26/2004	01/18/2011	01/28/2014		FALSE	FALSE	RPKGD was S862885 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	01/18/2011	01/26/2004	01/18/2011	10/23/2011		FALSE	FALSE	RPKGD was S851638 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/18/2011	01/26/2004	01/18/2011	10/23/2011		FALSE	FALSE	RPKGD was S855233 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1989	01/18/2011	01/26/2004	01/18/2011	10/19/2011		FALSE	FALSE	RPKGD was S891276 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	01/18/2011	01/26/2004	01/18/2011	10/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824097 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87917	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/18/2011	01/26/2004	01/18/2011	09/26/2011		FALSE	FALSE	RPKGD was S833085 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	01/17/2011	01/26/2004	01/17/2011	09/21/2011		FALSE	FALSE	RPKGD was S803594 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/17/2011	01/26/2004	01/17/2011	09/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833871 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	01/17/2011	01/26/2004	01/17/2011	05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851423 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87925	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/17/2011	01/26/2004	01/17/2011	06/30/2011		FALSE	FALSE	RPKGD was S870143 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	01/17/2011	01/26/2004	01/17/2011	03/28/2012		FALSE	FALSE	RPKGD was S832409 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	01/17/2011	01/26/2004	01/17/2011	07/16/2011		FALSE	FALSE	RPKGD was S823304 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87930	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	01/17/2011	01/26/2004	01/17/2011	11/07/2011		FALSE	FALSE	RPKGD was S823304 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	01/17/2011	01/26/2004	01/17/2011	06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823274 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1982	01/17/2011	01/26/2004	01/17/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822603 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/17/2011	01/26/2004	01/17/2011	07/14/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822690 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1982	01/17/2011	01/26/2004	01/17/2011	07/10/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822664 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/18/2011	01/26/2004	01/18/2011	10/09/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822543 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	01/18/2011	11/30/1998	01/18/2011	10/13/2011		FALSE	FALSE	RPKGD was S802568 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/18/2011	01/26/2004	01/18/2011	12/20/2012		FALSE	FALSE	RPKGD was S822671 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1982	01/18/2011	01/26/2004	01/18/2011	10/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822668 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	01/18/2011	01/26/2004	01/18/2011	10/09/2011		FALSE	FALSE	RPKGD was S883135 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/18/2011	01/26/2004	01/18/2011	10/08/2011		FALSE	FALSE	RPKGD was S822647 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/18/2011	01/26/2004	01/18/2011	10/18/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822645 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/18/2011	01/26/2004	01/18/2011	10/09/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822546 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/18/2011	01/26/2004	01/18/2011	10/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822658 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/1990	01/18/2011	01/26/2004	01/18/2011	05/02/2011	VE	TRUE	FALSE	RPKGD was S902135 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	01/19/2011	01/26/2004	01/19/2011	12/10/2011	VE	TRUE	FALSE	RPKGD was S855900 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/19/2011	01/26/2004	01/19/2011	06/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S844373 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/19/2011	01/26/2004	01/19/2011	06/21/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S846140 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=1 HOLD_FLAG=
87966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/19/2011	01/26/2004	01/19/2011	05/18/2011	VE	TRUE	FALSE	RPKGD was S863063 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/19/2011	01/26/2004	01/19/2011	06/15/2011		FALSE	FALSE	RPKGD was S822745 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	01/19/2011	01/26/2004	01/19/2011	12/20/2011	VE	TRUE	FALSE	RPKGD was S851673 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	01/19/2011	01/26/2004	01/19/2011	06/14/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824191 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/19/2011	01/26/2004	01/19/2011	07/16/2011		FALSE	FALSE	RPKGD was S855280 Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	01/19/2011	01/26/2004	01/19/2011	07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S844696 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/19/2011	01/26/2004	01/19/2011	07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822722 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

87980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/20/2011	01/26/2004	01/20/2011	06/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S852564 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1989	01/20/2011	01/26/2004	01/20/2011	08/27/2011		FALSE	FALSE	RPKGD was S891285 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	01/20/2011	01/26/2004	01/20/2011	06/16/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S832257 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	01/20/2011	01/26/2004	01/20/2011	07/12/2011		FALSE	FALSE	RPKGD was S824602 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1981	01/20/2011	01/26/2004	01/20/2011	09/26/2011		FALSE	FALSE	RPKGD was S882454 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/2006	01/20/2011	07/05/2006	01/20/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was 82892 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
87992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1990	01/20/2011	01/26/2004	01/20/2011	07/11/2011		FALSE	FALSE	RPKGD was S902124 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/20/2011	01/26/2004	01/20/2011	05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S883670 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
87996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/1989	01/20/2011	01/26/2004	01/20/2011	10/08/2011		FALSE	FALSE	RPKGD was S891365 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
87998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	01/21/2011	01/26/2004	01/21/2011	10/09/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853475 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88000	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1990	01/21/2011	01/26/2004	01/21/2011	10/13/2011		FALSE	FALSE	RPKGD was S902128 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	01/21/2011	01/26/2004	01/21/2011	10/06/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S882474 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/21/2011	01/26/2004	01/21/2011	10/17/2011		FALSE	FALSE	RPKGD was S846583 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/21/2011	01/26/2004	01/21/2011	10/06/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863669 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1988	01/21/2011	01/26/2004	01/21/2011	05/19/2011		FALSE	FALSE	RPKGD was S892970 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1990	01/21/2011	01/26/2004	01/21/2011	10/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S902123 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	01/21/2011	01/26/2004	01/21/2011	10/17/2011		FALSE	FALSE	RPKGD was S871850 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/21/2011	01/26/2004	01/21/2011	06/21/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862954 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/22/2011	01/26/2004	01/22/2011	08/15/2011		FALSE	FALSE	RPKGD was S862470 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	01/22/2011	01/26/2004	01/22/2011	05/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S855284 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/22/2011	01/26/2004	01/22/2011	05/25/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S864337 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/22/2011	01/26/2004	01/22/2011	05/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863631 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	01/22/2011	12/31/2001	01/22/2011	06/02/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823140 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	01/22/2011	01/26/2004	01/22/2011	09/01/2011		TRUE	FALSE	REQUIRE OVERPACKING RPKGD was S870337 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	01/22/2011	01/26/2004	01/22/2011	05/18/2011		FALSE	FALSE	RPKGD was S871863 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	01/22/2011	01/26/2004	01/22/2011	05/25/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S870187 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	01/23/2011	01/26/2004	01/23/2011	05/21/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S870243 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	01/23/2011	01/26/2004	01/23/2011	05/18/2011		FALSE	FALSE	RPKGD was S824071 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	01/23/2011	01/26/2004	01/23/2011	05/24/2011		FALSE	FALSE	RPKGD was S854569 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	01/23/2011	01/26/2004	01/23/2011	05/24/2011		FALSE	FALSE	RPKGD was S862238 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	01/23/2011	01/26/2004	01/23/2011	05/24/2011		FALSE	FALSE	RPKGD was S824601 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88047	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	01/23/2011	01/26/2004	01/23/2011	06/09/2011		FALSE	FALSE	RPKGD was S824601 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	01/23/2011	01/26/2004	01/23/2011	05/26/2011		FALSE	FALSE	RPKGD was S816750 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/23/2011	01/26/2004	01/23/2011	07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S860055 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88053	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/23/2011	01/26/2004	01/23/2011	01/31/2014		FALSE	FALSE	RPKGD was S844370 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/23/2011	01/26/2004	01/23/2011	06/02/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S881776 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88057	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/1985	01/23/2011	01/26/2004	01/23/2011	06/08/2011		FALSE	FALSE	RPKGD was S852591 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/24/2011	12/31/2001	01/24/2011	10/19/2011	VE	TRUE	FALSE	RPKGD was S863650 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

88061	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/23/1988	01/24/2011	01/26/2004	01/24/2011	08/15/2011		FALSE	FALSE	RPKGD was S891461 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1985	01/24/2011	01/26/2004	01/24/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S864196 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	01/24/2011	01/26/2004	01/24/2011	05/11/2012		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863068 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1990	01/24/2011	01/26/2004	01/24/2011	08/15/2011		FALSE	FALSE	RPKGD was S910166 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/24/2011	01/26/2004	01/24/2011	04/26/2012		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862972 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88071	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	01/24/2011	01/26/2004	01/24/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was S870343 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	01/24/2011	01/26/2004	01/24/2011	08/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S864661 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	01/24/2011	01/26/2004	01/24/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862317 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88077	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	01/25/2011	01/26/2004	01/25/2011	10/19/2011		FALSE	FALSE	RPKGD was S832206 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	01/25/2011	01/26/2004	01/25/2011	08/17/2011		FALSE	FALSE	RPKGD was S883146 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	01/25/2011	01/26/2004	01/25/2011	08/17/2011		FALSE	FALSE	RPKGD was S881567 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/22/1988	01/26/2011	01/26/2004	01/26/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S891501 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88085	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	01/26/2011	01/26/2004	01/26/2011	08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853689 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	01/26/2011	01/26/2004	01/26/2011	10/18/2011		FALSE	FALSE	RPKGD was S902116 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	01/26/2011	01/26/2004	01/26/2011	05/04/2011	VE	TRUE	FALSE	RPKGD was S851650 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/26/2011	01/26/2004	01/26/2011	05/04/2011	VE	TRUE	FALSE	RPKGD was S833092 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	01/26/2011	01/26/2004	01/26/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S870217 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/1989	01/26/2011	01/26/2004	01/26/2011	08/15/2011		FALSE	FALSE	RPKGD was S900207 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1988	01/27/2011	01/26/2004	01/27/2011	09/09/2011		FALSE	FALSE	RPKGD was S892969 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	01/27/2011	01/26/2004	01/27/2011	10/05/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S855298 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D , HOLD_FLAG=
88101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	01/27/2011	01/26/2004	01/27/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853838 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/1990	01/27/2011	01/26/2004	01/27/2011	08/15/2011		FALSE	FALSE	RPKGD was S902101 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/27/2011	01/26/2004	01/27/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862898 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88107	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	01/27/2011	01/26/2004	01/27/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853823 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	01/27/2011	01/26/2004	01/27/2011	08/26/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863062 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	01/27/2011	01/26/2004	01/27/2011	05/04/2011	VE	TRUE	FALSE	RPKGD was S843820 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	01/27/2011	01/26/2004	01/27/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S832243 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/27/2011	01/26/2004	01/27/2011	06/01/2011	VE	TRUE	FALSE	RPKGD was S845262 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1990	01/29/2011	01/26/2004	01/29/2011	09/26/2011		FALSE	FALSE	RPKGD was S902136 Old Ak7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1989	01/30/2011	01/26/2004	01/30/2011	09/02/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S902276 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/30/2011	01/26/2004	01/30/2011	06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833234 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/30/2011	01/26/2004	01/30/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S852548 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88126	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/30/2011	01/26/2004	01/30/2011	09/13/2011		FALSE	FALSE	RPKGD was S852548 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	01/30/2011	01/26/2004	01/30/2011	06/28/2011		FALSE	FALSE	RPKGD was S852543 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/30/2011	01/26/2004	01/30/2011	08/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S845313 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88132	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/30/2011	01/26/2004	01/30/2011	08/26/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S835317 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88134	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1989	01/30/2011	01/26/2004	01/30/2011	08/07/2011		FALSE	FALSE	RPKGD was S902275 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

88138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1990	01/30/2011	01/26/2004	01/30/2011	08/15/2011		FALSE	FALSE	RPKGD was S911823 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/30/2011	01/26/2004	01/30/2011	06/24/2011		FALSE	FALSE	RPKGD was S845252 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	01/30/2011	01/26/2004	01/30/2011	06/24/2011		FALSE	FALSE	*REQUIRE OVERPACKING RPKGD was S834620* — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/31/2011	01/26/2004	01/31/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was S844375 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88143	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/31/2011	01/26/2004	01/31/2011	09/13/2011	VE	TRUE	FALSE	RPKGD was S843375 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/31/2011	01/26/2004	01/31/2011	07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S846187 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	01/31/2011	01/26/2004	01/31/2011	07/14/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S846683 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	01/31/2011	01/26/2004	01/31/2011	08/27/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S852545 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	01/31/2011	01/26/2004	01/31/2011	05/18/2011	VE	TRUE	FALSE	RPKGD was S862310 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	01/31/2011	01/26/2004	01/31/2011	10/13/2011		FALSE	FALSE	RPKGD was S846690 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1990	01/31/2011	01/26/2004	01/31/2011	10/16/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S911826 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	01/31/2011	01/26/2004	01/31/2011	05/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S846704 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/31/1990	01/31/2011	01/26/2004	01/31/2011	07/11/2011		FALSE	FALSE	RPKGD was S910165 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1990	02/07/2011	01/26/2004	02/07/2011	08/28/2011		FALSE	FALSE	*RPKGD was S902103* — P_MT42=No,MT_83=No,*MT_83_REPORTED > 50%=No,* Actual_Default_Ventdate=D HOLD_FLAG=
88165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/07/2011	01/26/2004	02/07/2011	09/01/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S844244 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/1989	02/07/2011	01/26/2004	02/07/2011	08/27/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S891331 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	02/07/2011	01/26/2004	02/07/2011	08/27/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851708 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/23/1990	02/07/2011	01/26/2004	02/07/2011	08/31/2011		FALSE	FALSE	RPKGD was S902105 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88173	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	02/07/2011	01/26/2004	02/07/2011	07/13/2011		TRUE	FALSE	REQUIRE OVERPACKING RPKGD was S846095 — *P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D* HOLD_FLAG=
88175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	02/07/2011	01/26/2004	02/07/2011	08/24/2011		FALSE	FALSE	RPKGD was S846712 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	02/09/2011	01/26/2004	02/09/2011	07/28/2011		FALSE	FALSE	RPKGD was S862493 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	02/09/2011	01/26/2004	02/09/2011	09/26/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863005 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/09/2011	01/26/2004	02/09/2011	12/13/2011		FALSE	FALSE	RPKGD was S851734 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/24/1990	02/09/2011	01/26/2004	02/09/2011	07/14/2011		FALSE	FALSE	RPKGD was S911814 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1988	02/10/2011	01/26/2004	02/10/2011	07/11/2011		FALSE	FALSE	RPKGD was S900243 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	02/10/2011	01/26/2004	02/10/2011	08/02/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853799 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	02/10/2011	01/26/2004	02/10/2011	07/10/2011		FALSE	FALSE	RPKGD was S863056 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/10/2011	01/26/2004	02/10/2011	12/13/2011	VE	TRUE	FALSE	RPKGD was S851550 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	02/12/2011	01/26/2004	02/12/2011	08/27/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S863837 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/12/2011	01/26/2004	02/12/2011	07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824618 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	02/12/2011	01/26/2004	02/12/2011	08/28/2011		FALSE	FALSE	*REQUIRE OVERPACKING RPKGD was S846711* — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88199	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	02/12/2011	01/26/2004	02/12/2011	06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824424 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88201	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/13/2011	01/26/2004	02/13/2011	09/28/2011		FALSE	FALSE	RPKGD was S824604 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	02/13/2011	01/26/2004	02/13/2011	08/27/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853896 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	02/13/2011	01/26/2004	02/13/2011	07/31/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824542 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88206	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	02/13/2011	01/26/2004	02/13/2011	09/13/2011		FALSE	FALSE	*RPKGD was S824542* — P_MT42=No,MT_83=No,*MT_83_REPORTED > 50%=No,* Actual_Default_Ventdate=D HOLD_FLAG=
88208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	02/13/2011	01/26/2004	02/13/2011	08/02/2011		FALSE	FALSE	RPKGD was S851814 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

88210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	02/13/2011	01/26/2004	02/13/2011	06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S825837 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	02/13/2011	01/26/2004	02/13/2011	06/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S825814 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	02/13/2011	01/26/2004	02/13/2011	09/01/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S832311 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	02/14/2011	01/26/2004	02/14/2011	06/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S832326 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	02/14/2011	01/26/2004	02/14/2011	06/30/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S832168 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/14/2011	01/26/2004	02/14/2011	09/24/2011	VE	TRUE	FALSE	RPKGD was S824849 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	02/14/2011	01/26/2004	02/14/2011	09/01/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824983 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	02/14/2011	01/26/2004	02/14/2011	09/24/2011	VE	TRUE	FALSE	RPKGD was S824853 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	02/14/2011	01/26/2004	02/14/2011	06/26/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S832233 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/14/2011	01/26/2004	02/14/2011	06/30/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S825007 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	02/15/2011	01/26/2004	02/15/2011	07/10/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S811787 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/15/2011	01/26/2004	02/15/2011	09/28/2011	VE	TRUE	FALSE	RPKGD was S851580 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88233	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/15/2011	01/26/2004	02/15/2011	06/09/2011	VE	TRUE	FALSE	RPKGD was S851580 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/23/1989	02/15/2011	01/26/2004	02/15/2011	06/29/2011		FALSE	FALSE	RPKGD was S891421 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	02/15/2011	01/26/2004	02/15/2011	06/31/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833404 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/15/2011	01/26/2004	02/15/2011	07/12/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853003 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/15/2011	01/26/2004	02/15/2011	09/29/2011	VE	TRUE	FALSE	RPKGD was S853073 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/15/2011	01/26/2004	02/15/2011	06/26/2011		FALSE	FALSE	RPKGD was S832536 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/15/2011	01/26/2004	02/15/2011	06/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851709 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	02/15/2011	01/26/2004	02/15/2011	06/28/2011		FALSE	FALSE	RPKGD was S833936 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88248	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	02/15/2011	01/26/2004	02/15/2011	06/23/2011		FALSE	FALSE	RPKGD was S833936 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	02/16/2011	01/26/2004	02/16/2011	07/08/2012		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S870228 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/16/2011	01/26/2004	02/16/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was S863059 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	02/16/2011	01/26/2004	02/16/2011	07/16/2011		FALSE	FALSE	RPKGD was S818365 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/16/2011	01/26/2004	02/16/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was S862956 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88257	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/16/2011	01/26/2004	02/16/2011	06/09/2011	VE	TRUE	FALSE	RPKGD was S862956 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	02/16/2011	01/26/2004	02/16/2011	09/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822830 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/16/2011	01/26/2004	02/16/2011	05/02/2011	VE	TRUE	FALSE	RPKGD was S822985 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/16/2011	01/26/2004	02/16/2011	06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823142 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	02/18/2011	01/26/2004	02/16/2011	06/24/2011		FALSE	FALSE	RPKGD was S870197 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	02/17/2011	01/26/2004	02/17/2011	06/01/2011	VE	TRUE	FALSE	RPKGD was S882459 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1995	02/17/2011	01/26/2004	02/17/2011	05/02/2011	VE	TRUE	FALSE	RPKGD was S5622 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/17/2011	01/26/2004	02/17/2011	06/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823011 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1990	02/17/2011	01/26/2004	02/17/2011	06/24/2011		FALSE	FALSE	RPKGD was S902104 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/17/2011	01/26/2004	02/17/2011	06/24/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823033 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	02/18/2011	01/26/2004	02/18/2011	08/07/2011		FALSE	FALSE	RPKGD was S825842 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	02/18/2011	01/26/2004	02/18/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823241 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

88281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	02/18/2011	01/26/2004	02/18/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S873553 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/18/2011	01/26/2004	02/18/2011	08/17/2011		FALSE	FALSE	RPKGD was S833287 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1986	02/18/2011	01/26/2004	02/18/2011	08/01/2011	VE	TRUE	FALSE	RPKGD was S863703 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88287	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	02/18/2011	01/26/2004	02/18/2011	08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833900 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	02/18/2011	01/26/2004	02/18/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823197 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/18/2011	01/26/2004	02/18/2011	05/01/2011	VE	TRUE	FALSE	RPKGD was S841617 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	02/18/2011	01/26/2004	02/18/2011	08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833545 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/19/2011	01/26/2004	02/18/2011	08/20/2011		FALSE	FALSE	*RPKGD was S824993 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes,* Actual_Default_Ventdate=D HOLD_FLAG=
88297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/19/2011	01/26/2004	02/19/2011	08/07/2011		FALSE	FALSE	RPKGD was S844241 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/19/2011	01/26/2004	02/19/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862490 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	02/19/2011	01/26/2004	02/19/2011	07/28/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824833 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/19/2011	02/19/2011	02/19/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851536 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1989	02/19/2011	01/26/2004	02/18/2011	08/24/2011		FALSE	FALSE	RPKGD was S891287 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/20/2011	01/26/2004	02/20/2011	08/02/2011		FALSE	FALSE	RPKGD was S841619 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1984	02/20/2011	01/26/2004	02/20/2011	09/08/2011		TRUE	FALSE	RPKGD was S883123 Old AK7 — P_MT42=No, MT_83=Yes, MT_83 _REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD FLAG=
88313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/20/2011	12/31/1999	02/20/2011	11/01/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S855584 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	02/20/2011	01/26/2004	02/20/2011	08/02/2011		FALSE	FALSE	RPKGD was S902114 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	02/20/2011	01/26/2004	02/20/2011	08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S855823 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/22/2011	01/26/2004	02/22/2011	08/04/2011		FALSE	FALSE	*REQUIRE OVERPACKING RPKGD was S855631* — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/22/2011	01/26/2004	02/22/2011	08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851505 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1988	02/22/2011	01/26/2004	02/22/2011	08/17/2011		FALSE	FALSE	RPKGD was S881543 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	02/23/2011	01/26/2004	02/23/2011	11/06/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S852528 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	02/23/2011	12/31/2001	02/23/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was S825018 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	02/23/2011	12/31/2001	02/23/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S822765 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1986	02/23/2011	01/26/2004	02/23/2011	08/24/2011		FALSE	FALSE	RPKGD was S864187 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/23/2011	01/26/2004	02/23/2011	08/30/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S843597 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	02/23/2011	01/26/2004	02/23/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S825725 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	02/24/2011	01/26/2004	02/24/2011	07/18/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824625 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/24/2011	12/31/1999	02/24/2011	07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S860083 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	02/24/2011	01/26/2004	02/24/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was S824590 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/24/2011	01/26/2004	02/24/2011	07/18/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S842516 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/24/2011	01/26/2004	02/24/2011	10/19/2011	VE	TRUE	FALSE	RPKGD was S862944 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	02/24/2011	01/26/2004	02/24/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKINGRPKGD was S862275 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	02/24/2011	01/26/2004	02/24/2011	08/24/2011		FALSE	FALSE	RPKGD was S863665 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/24/2011	12/31/1999	02/24/2011	07/16/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S860078 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

88355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/24/2011	12/31/2001	02/24/2011	07/16/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823075 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	02/25/2011	12/31/2001	02/25/2011	08/10/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823193 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	02/25/2011	12/31/1999	02/25/2011	08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S855839 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	02/25/2011	01/26/2004	02/25/2011	05/05/2011	VE	TRUE	FALSE	RPKGD was S832307 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	02/25/2011	01/26/2004	02/25/2011	07/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S793744 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88365	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/2005	02/25/2011	01/26/2004	02/25/2011	07/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851593 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	02/25/2011	12/31/1999	02/25/2011	07/16/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S853495 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/25/2011	12/31/1999	02/25/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S852886 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	02/25/2011	01/26/2004	02/25/2011	07/13/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S862489 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/25/2011	01/26/2004	02/25/2011	09/12/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S833031 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	02/26/2011	01/26/2004	02/26/2011	08/07/2011		FALSE	FALSE	RPKGD was S822736 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1986	02/26/2011	01/26/2004	02/26/2011	08/07/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S864172 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	02/26/2011	01/26/2004	02/26/2011	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S851692 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/27/2011	01/26/2004	02/27/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S855179 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	02/27/2011	01/26/2004	02/27/2011	08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824519 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/27/2011	01/26/2004	02/27/2011	08/15/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824654 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/27/2011	01/26/2004	02/27/2011	08/10/2011		FALSE	FALSE	RPKGD was S851419 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	02/27/2011	01/26/2004	02/27/2011	08/02/2011		FALSE	FALSE	RPKGD was S884548 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	02/27/2011	01/26/2004	02/27/2011	08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S824593 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/1990	02/27/2011	01/26/2004	02/27/2011	08/04/2011		FALSE	FALSE	RPKGD was S902119 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
88397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/27/2011	01/26/2004	02/27/2011	08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING RPKGD was S823129 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	02/27/2011	01/26/2004	02/27/2011	09/14/2011		FALSE	FALSE	REQUIRE OVEPACKING RPKGD was S823192 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
88403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	03/18/2011	01/26/2004	03/18/2011	08/18/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824422
88405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/18/2011	01/26/2004	03/18/2011	07/13/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822618
88407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989	03/19/2011	01/26/2004	03/19/2011	07/13/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S902274
88409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	03/20/2011	01/26/2004	03/20/2011	02/25/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853872
88510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/01/2011	01/26/2004	04/01/2011	10/26/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832591
88520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/04/2011	01/26/2004	04/04/2011	09/14/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832414
88524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	04/04/2011	01/26/2004	04/04/2011	11/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851690
88526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	04/04/2011	01/26/2004	04/04/2011	08/30/2011	VE	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851629
88530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	04/04/2011	01/26/2004	04/04/2011	08/30/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852532
88534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/05/2011	12/31/1999	04/05/2011	08/17/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862053
88537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	04/05/2011	12/31/1999	04/05/2011	09/12/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862508
88546	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	04/05/2011	12/31/1999	04/05/2011	10/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S861985
88548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	04/05/2011	12/31/1999	04/05/2011	11/06/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S861982
88550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	04/05/2011	12/31/1999	04/05/2011	11/06/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862379

88552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	04/05/2011	12/31/1999	04/05/2011	09/19/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862919
88554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1990	04/05/2011	01/26/2004	04/05/2011	11/08/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S911824
88556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	04/06/2011	01/26/2004	04/06/2011	08/27/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822670
88561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	04/06/2011	01/26/2004	04/06/2011	09/13/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802634
88563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	04/06/2011	12/31/1999	04/06/2011	08/20/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863655
88568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	04/08/2011	12/31/1999	04/06/2011	08/17/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863044
88571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1982	04/08/2011	01/26/2004	04/06/2011	08/27/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822591
88574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/08/2011	12/31/1999	04/08/2011	10/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S863065
88582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/08/2011	12/31/1999	04/08/2011	08/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863021
88584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/08/2011	12/31/1999	04/08/2011	07/26/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S863066
88596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1982	04/07/2011	01/26/2004	04/07/2011	09/30/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823298
88597	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1982	04/07/2011	01/26/2004	04/07/2011	09/13/2011		TRUE		P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823298
88609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	04/11/2011	01/26/2004	04/11/2011	09/28/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822782
88614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/11/2011	01/26/2004	04/11/2011	09/21/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD - Rpkgd Was S824455
88619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/12/2011	01/26/2004	04/12/2011	07/12/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822674
88622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	04/12/2011	01/26/2004	04/12/2011	07/12/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824169
88624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/12/2011	01/26/2004	04/12/2011	10/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823299
88630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	04/12/2011	01/26/2004	04/12/2011	07/13/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832178
88635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	04/12/2011	01/26/2004	04/12/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824655
88638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	04/12/2011	01/26/2004	04/12/2011	07/12/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825884
88643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	04/12/2011	01/26/2004	04/12/2011	08/24/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832247
88650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	04/13/2011	01/26/2004	04/13/2011	09/21/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853459
88652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/13/2011	01/26/2004	04/13/2011	10/28/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843562
88654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	04/13/2011	01/26/2004	04/13/2011	10/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S835379
88659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1986	04/13/2011	01/26/2004	04/13/2011	09/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861999
88661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/13/2011	01/26/2004	04/13/2011	08/08/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832299
88669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	04/13/2011	01/26/2004	04/13/2011	09/18/2011		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S882453
88671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	04/14/2011	01/26/2004	04/14/2011	08/28/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870148
88678	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	04/14/2011	01/26/2004	04/14/2011	09/13/2011		TRUE		P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 88671 - Rpkgd was S870148
88681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	04/14/2011	01/26/2004	04/14/2011	10/26/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862958
88684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	04/14/2011	01/26/2004	04/14/2011	11/09/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863684
88688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	04/14/2011	01/26/2004	04/14/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864313
88688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	04/14/2011	01/26/2004	04/14/2011	08/20/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846103
88695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	04/14/2011	01/26/2004	04/14/2011	11/20/2011		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802594
88697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	04/14/2011	01/26/2004	04/14/2011	10/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822855
88699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	04/14/2011	01/26/2004	04/14/2011	09/12/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822687
88701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/16/1982	04/14/2011	01/26/2004	04/14/2011	09/12/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823076
88703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	04/15/2011	01/26/2004	04/15/2011	07/13/2011	VE	TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824871
88705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	04/15/2011	01/26/2004	04/15/2011	08/17/2011		TRUE	FALSE	REQUIRE OVERPACKING OTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845038
88711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/18/2011	01/26/2004	04/18/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844368
88719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/18/2011	01/26/2004	04/18/2011	09/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853350
88722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	04/18/2011	01/26/2004	04/18/2011	08/28/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853824
88727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/19/2011	01/26/2004	04/19/2011	09/12/2011		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S871653
88737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	04/19/2011	12/31/1999	04/19/2011	03/18/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862507
88739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/19/2011	12/31/1999	04/19/2011	08/20/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S870256

88741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	04/19/2011	12/31/1999	04/19/2011	09/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863682
88743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/19/2011	01/26/2004	04/19/2011	09/18/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S871868
88744	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/19/2011	01/26/2004	04/19/2011	10/24/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S871868
88748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	04/20/2011	01/26/2004	04/20/2011	11/08/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845224
88754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	04/20/2011	01/26/2004	04/20/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851616
88758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/20/2011	01/26/2004	04/20/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844156
88761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	04/20/2011	01/26/2004	04/20/2011	08/09/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851407
88768	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	04/20/2011	01/26/2004	04/20/2011	09/22/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862521
88772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/20/2011	01/26/2004	04/20/2011	10/30/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862957
88774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	04/20/2011	12/31/1999	04/20/2011	08/17/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863653
88776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	04/21/2011	12/31/1999	04/21/2011	08/27/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870341
88782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	04/21/2011	12/31/1999	04/21/2011	09/01/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863695
88788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	04/21/2011	12/31/1999	04/21/2011	08/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863658
88790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	04/21/2011	12/31/1999	04/21/2011	04/08/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863656
88792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	04/21/2011	12/31/1999	04/21/2011	08/10/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S863690
88794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	04/21/2011	12/31/1999	04/21/2011	08/29/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S863661
88804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	04/21/2011	01/26/2004	04/21/2011	09/02/2011		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S881540
88813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	04/25/2011	01/26/2004	04/25/2011	08/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823195
88814	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	04/25/2011	01/26/2004	04/25/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823195
88816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	04/25/2011	01/26/2004	04/25/2011	08/04/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824482
88818	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	04/25/2011	01/26/2004	04/25/2011	08/23/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824482
88820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	04/25/2011	01/26/2004	04/25/2011	11/09/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825893
88822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	04/25/2011	01/26/2004	04/25/2011	07/18/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825906
88823	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	04/25/2011	01/26/2004	04/25/2011	08/23/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825906
88825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/26/2011	01/26/2004	04/26/2011	07/18/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S824205
88826	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/26/2011	01/26/2004	04/26/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824205
88828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/26/2011	01/26/2004	04/26/2011	09/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824454
88829	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/26/2011	01/26/2004	04/26/2011	08/23/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824454
88830	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/26/2011	01/26/2004	04/26/2011	08/23/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824454
88831	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/26/2011	01/26/2004	04/26/2011	08/23/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824454
88841	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/26/2011	01/26/2004	04/26/2011	08/07/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832526
88842	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/26/2011	01/26/2004	04/26/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832526
88844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/27/2011	01/26/2004	04/27/2011	08/17/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832288
88856	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/27/2011	01/26/2004	04/27/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832288
88857	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/27/2011	01/26/2004	04/27/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832288
88858	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/27/2011	01/26/2004	04/27/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832288
88860	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	04/27/2011	01/26/2004	04/27/2011	11/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833405
88879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/28/2011	01/26/2004	04/28/2011	09/19/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822601
88881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/29/2011	01/26/2004	04/29/2011	09/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822843
88883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1999	04/29/2011	07/31/2008	04/29/2011	07/15/2011	VE	TRUE	FALSE	RPKGD was 54318 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 84554
88885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/29/2011	01/26/2004	04/29/2011	09/13/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832287
88886	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/29/2011	01/26/2004	04/29/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 88885 88886 - Rpkgd Was S832287
88898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	05/02/2011	01/26/2004	05/02/2011	08/07/2011	VE	TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S881537
88898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989	05/02/2011	01/26/2004	05/02/2011	09/14/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - - Rpkgd Was S902280
88908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	05/02/2011	01/26/2004	05/02/2011	09/09/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - - Rpkgd Was S902118

88910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	05/02/2011	01/26/2004	05/02/2011	10/01/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S902117
88912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1989	05/03/2011	01/26/2004	05/03/2011	08/17/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S891288
88922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/03/2011	01/26/2004	05/03/2011	09/02/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852894
88927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	05/03/2011	01/26/2004	05/03/2011	11/10/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852547
88931	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	05/03/2011	01/26/2004	05/03/2011	10/01/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824627
88932	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	05/03/2011	01/26/2004	05/03/2011	08/25/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824627
88934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	05/04/2011	01/26/2004	05/04/2011	09/24/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822735
88936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/04/2011	01/26/2004	05/04/2011	08/20/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824555
88941	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/04/2011	01/26/2004	05/04/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824555
88949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/04/2011	01/26/2004	05/04/2011	12/11/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824592
88951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/04/2011	01/26/2004	05/04/2011	09/21/2011		TRUE	FALSE	REQUIRE OVERPACKING Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846179
88966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/05/2011	01/26/2004	05/05/2011	09/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824448
88968	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	05/05/2011	01/26/2004	05/05/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824975
88970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	05/05/2011	01/26/2004	05/05/2011	09/02/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846160
88972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	05/05/2011	01/26/2004	05/05/2011	08/10/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824086
88974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	05/05/2011	01/26/2004	05/05/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851710
88976	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	05/06/2011	01/26/2004	05/06/2011	08/07/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S793757
88978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	05/06/2011	01/26/2004	05/06/2011	08/28/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833438
88980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1986	05/06/2011	01/26/2004	05/06/2011	08/17/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863683
88982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/06/2011	01/26/2004	05/06/2011	08/17/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852893
88984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1986	05/09/2011	01/26/2004	05/09/2011	09/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S884175
88986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1986	05/09/2011	01/26/2004	05/09/2011	09/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863679
88988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/09/2011	01/26/2004	05/09/2011	09/14/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846098
88989	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/09/2011	01/26/2004	05/09/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846098
88991	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/09/2011	01/26/2004	05/09/2011	09/13/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S871875
88993	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/09/2011	01/26/2004	05/09/2011	08/27/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833606
88995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/17/1989	05/10/2011	01/26/2004	05/10/2011	08/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S891289
88997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1989	05/10/2011	01/26/2004	05/10/2011	09/22/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S891332
88999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1989	05/10/2011	01/26/2004	05/10/2011	09/12/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S891514
89001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	05/10/2011	01/26/2004	05/10/2011	10/24/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803057
89002	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	05/10/2011	01/26/2004	05/10/2011	11/01/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803057
89004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1988	05/10/2011	01/26/2004	05/10/2011	09/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S883117
89006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	05/11/2011	01/26/2004	05/11/2011	08/24/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S821264
89008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1990	05/11/2011	01/26/2004	05/11/2011	11/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S911811
89010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1990	05/11/2011	01/26/2004	05/11/2011	09/30/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S911822
89012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	05/11/2011	01/26/2004	05/11/2011	09/22/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S821206
89013	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	05/11/2011	01/26/2004	05/11/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S821206
89014	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	05/11/2011	01/26/2004	05/11/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S821206
89016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1992	05/11/2011	05/08/2008	05/11/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 54853
89017	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1992	05/11/2011	05/08/2008	05/11/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd Was 54853
89019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1992	05/11/2011	05/08/2008	05/11/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 54683
89020	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1992	05/11/2011	05/08/2008	05/11/2011	02/18/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54683
89022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/23/1990	05/11/2011	01/26/2004	05/11/2011	11/02/2011	VE	TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52919
89024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1997	05/11/2011	12/09/1997	05/11/2011	09/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56689
89025	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1997	05/11/2011	12/09/1997	05/11/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 56689

89027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	05/12/2011	01/26/2004	05/12/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S811790
89028	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	05/12/2011	01/26/2004	05/12/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S811790
89030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/1997	05/12/2011	10/28/1997	05/12/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56877
89031	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/28/1997	05/12/2011	10/28/1997	05/12/2011	11/02/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 56877
89033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	05/12/2011	01/26/2004	05/12/2011	10/24/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822723
89036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	05/12/2011	01/26/2004	05/12/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853074
89038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	05/12/2011	01/26/2004	05/12/2011	09/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822813
89040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	05/12/2011	01/26/2004	05/12/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853837
89042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	05/12/2011	01/26/2004	05/12/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853704
89043	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	05/12/2011	01/26/2004	05/12/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853704
89045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	05/13/2011	01/26/2004	05/13/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862495
89047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	05/13/2011	01/26/2004	05/13/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862515
89049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	05/13/2011	01/26/2004	05/13/2011	11/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853775
89051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/13/2011	01/26/2004	05/13/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860186
89052	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/13/2011	01/26/2004	05/13/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860186
89054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	05/13/2011	01/26/2004	05/13/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S881968
89056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	05/16/2011	05/07/2003	05/16/2011	09/12/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 60875
89057	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/07/2003	05/16/2011	05/07/2003	05/16/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 60875
89059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	05/18/2011	01/26/2004	05/18/2011	09/12/2011		TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822014
89060	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	05/18/2011	01/26/2004	05/18/2011	09/10/2011		TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822014
89062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/16/2011	01/26/2004	05/16/2011	09/29/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60906
89064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/18/2011	01/26/2004	05/16/2011	07/01/2012		TRUE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833503
89066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/18/2011	01/26/2004	05/16/2011	09/08/2011		TRUE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824481
89068	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	05/17/2011	01/26/2004	05/17/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842231
89070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/17/2011	01/26/2004	05/17/2011	11/07/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833872
89072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	05/17/2011	01/26/2004	05/17/2011	09/24/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862881
89073	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	05/17/2011	01/26/2004	05/17/2011	10/24/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862881
89075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/17/2011	01/26/2004	05/17/2011	11/08/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833925
89076	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/17/2011	01/26/2004	05/17/2011	10/26/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833925
89078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	05/17/2011	01/26/2004	05/17/2011	10/23/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863750
89080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	05/17/2011	01/26/2004	05/17/2011	10/27/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842558
89081	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	05/17/2011	01/26/2004	05/17/2011	11/01/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842558
89083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	05/17/2011	01/26/2004	05/17/2011	09/01/2011		TRUE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842353
89084	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	05/17/2011	01/26/2004	05/17/2011	09/10/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842353
89086	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/18/2011	01/26/2004	05/18/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870196
89088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/12/2003	05/18/2011	06/12/2003	05/18/2011	09/02/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 61224
89090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/07/2005	05/18/2011	07/31/2006	05/18/2011	09/12/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 62153
89092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2001	05/18/2011	06/22/2001	05/18/2011	11/06/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 59093
89093	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2001	05/18/2011	06/22/2001	05/18/2011	10/24/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 59093
89095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2001	05/18/2011	11/13/2001	05/18/2011	12/04/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 59370
89096	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2001	05/18/2011	11/13/2001	05/18/2011	11/17/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 59370
89098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2002	05/18/2011	06/25/2002	05/18/2011	11/06/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 59424
89101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981	05/18/2011	01/26/2004	05/18/2011	09/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813821
89102	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981	05/18/2011	01/26/2004	05/18/2011	11/01/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813821
89104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/2004	05/19/2011	11/05/2004	05/19/2011	10/06/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 62274
89106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/2005	05/20/2011	03/03/2005	05/20/2011	03/11/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 62156

89107	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/2005	05/20/2011	03/03/2005	05/20/2011	11/29/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 62156
89109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	05/20/2011	01/26/2004	05/20/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802633
89110	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	05/20/2011	01/26/2004	05/20/2011	11/08/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802633
89111	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	05/20/2011	01/26/2004	05/20/2011	10/26/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802633
89113	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	05/20/2011	07/31/2006	05/20/2011	09/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 63489
89114	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	05/20/2011	07/31/2006	05/20/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 63489
89115	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/11/2005	05/20/2011	07/31/2006	05/20/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 63489
89117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/23/2011	01/26/2004	05/23/2011	07/07/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824549
89119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	05/23/2011	01/26/2004	05/23/2011	10/30/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833421
89121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/23/2011	01/26/2004	05/23/2011	09/24/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841621
89122	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/23/2011	01/26/2004	05/23/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841621
89124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	05/23/2011	01/26/2004	05/23/2011	09/09/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833842
89125	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	05/23/2011	01/26/2004	05/23/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833842
89127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	05/23/2011	01/26/2004	05/23/2011	10/04/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833834
89128	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	05/23/2011	01/26/2004	05/23/2011	11/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833834
89130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/24/2011	01/26/2004	05/24/2011	10/16/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846847
89131	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/24/2011	01/26/2004	05/24/2011	09/10/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846847
89133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	05/24/2011	01/26/2004	05/24/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842319
89134	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	05/24/2011	01/26/2004	05/24/2011	11/01/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842319
89138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1990	05/24/2011	01/26/2004	05/24/2011	10/30/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54937
89138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1998	05/24/2011	11/19/1998	05/24/2011	10/27/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56889
89140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/1989	05/24/2011	01/26/2004	05/24/2011	08/28/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52100
89141	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/09/1989	05/24/2011	01/26/2004	05/24/2011	11/01/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52100
89143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2002	05/24/2011	11/06/2002	05/24/2011	10/30/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 59497
89144	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/2002	05/24/2011	11/06/2002	05/24/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59497
89146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/2000	05/24/2011	01/26/2004	05/24/2011	09/01/2011		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 58184
89148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2001	05/24/2011	11/13/2001	05/24/2011	09/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59068
89149	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2001	05/24/2011	11/13/2001	05/24/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59068
89150	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2001	05/24/2011	11/13/2001	05/24/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59066
89152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	05/24/2011	01/26/2004	05/24/2011	09/08/2011		TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60739
89153	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	05/24/2011	01/26/2004	05/24/2011	10/26/2011		TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60739
89155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	05/25/2011	01/26/2004	05/25/2011	09/12/2011		TRUE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842489
89156	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	05/25/2011	01/26/2004	05/25/2011	11/03/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842489
89158	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2002	05/25/2011	01/16/2002	05/25/2011	11/08/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59403
89159	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2002	05/25/2011	01/16/2002	05/25/2011	10/24/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 59403
89161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	05/25/2011	01/26/2004	05/25/2011	09/12/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845069
89162	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	05/25/2011	01/26/2004	05/25/2011	11/07/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845069
89164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	05/25/2011	01/26/2004	05/25/2011	12/04/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844352
89165	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	05/25/2011	01/26/2004	05/25/2011	10/24/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844352
89167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	05/25/2011	01/26/2004	05/25/2011	08/29/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824626
89168	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	05/25/2011	01/26/2004	05/25/2011	07/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824626
89169	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	05/25/2011	01/26/2004	05/25/2011	12/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824626
89171	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/25/2011	01/26/2004	05/25/2011	10/05/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855810
89172	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/25/2011	01/26/2004	05/25/2011	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855810
89174	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	05/25/2011	01/26/2004	05/25/2011	03/01/2012		TRUE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852565
89175	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	05/25/2011	01/26/2004	05/25/2011	11/07/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852565

89177	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	05/26/2011	12/31/1999	05/26/2011	08/26/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM - Rpkgd Was S855201
89178	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	05/26/2011	12/31/1999	05/26/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855201
89180	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1984	05/26/2011	01/26/2004	05/26/2011	11/08/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846576
89181	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	05/26/2011	01/26/2004	05/26/2011	11/08/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846576
89183	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/26/2011	01/26/2004	05/26/2011	05/19/2012	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833504
89184	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/26/2011	01/26/2004	05/26/2011	10/26/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833504
89188	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/26/2011	01/26/2004	05/26/2011	08/25/2013		TRUE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852955
89187	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/26/2011	01/26/2004	05/26/2011	09/10/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852955
89188	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/26/2011	01/26/2004	05/26/2011	09/10/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852955
89189	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	05/26/2011	01/26/2004	05/26/2011	09/10/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852955
89193	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/27/2011	01/26/2004	05/27/2011	08/19/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824419
89194	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/27/2011	01/26/2004	05/27/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824419
89196	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/31/2011	12/31/1999	05/31/2011	09/30/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855909
89197	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/31/2011	12/31/1999	05/31/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S855909
89199	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	06/01/2011	01/26/2004	06/01/2011	09/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816319
89201	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/01/2011	12/31/1999	06/01/2011	02/25/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S871832
89202	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/01/2011	12/31/1999	06/01/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=rpkgd Was S871832
89218	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	06/03/2011	01/26/2004	06/03/2011	09/14/2011		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851581
89219	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	06/03/2011	01/26/2004	06/03/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851581
89223	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/03/2011	01/26/2004	06/03/2011	11/06/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832296
89224	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/03/2011	01/26/2004	06/03/2011	11/07/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832296
89228	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1986	06/07/2011	01/26/2004	06/07/2011	09/14/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864178
89232	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	06/07/2011	01/26/2004	06/07/2011	09/20/2011		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S881558
89234	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	06/07/2011	01/26/2004	06/07/2011	09/14/2011		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S883111
89236	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1988	06/08/2011		06/08/2011	09/13/2011		TRUE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53546
89237	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1988	06/08/2011		06/08/2011	12/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53546
89238	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1988	06/08/2011		06/08/2011	11/02/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53546
89240	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1993	06/08/2011	05/06/2008	06/08/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 55212
89241	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/21/1993	06/08/2011	05/06/2008	06/08/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 55212
89243	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997	06/08/2011	01/26/2004	06/08/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56560
89244	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1997	06/08/2011	01/26/2004	06/08/2011	09/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56560
89246	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1995	06/08/2011	05/06/2008	06/08/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 55694
89247	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1995	06/08/2011	05/06/2008	06/08/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 55694
89248	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1995	06/08/2011	05/06/2008	06/08/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 55694
89252	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/1989	06/08/2011	01/26/2004	06/08/2011	12/10/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52126
89253	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/24/1989	06/08/2011	01/26/2004	06/08/2011	09/10/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52126
89255	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1997	06/09/2011	01/26/2004	06/09/2011	09/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56681
89256	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1997	06/09/2011	01/26/2004	06/09/2011	11/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56681
89258	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1997	06/09/2011	12/09/1997	06/09/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 56846
89259	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1997	06/09/2011	12/09/1997	06/09/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56846
89261	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1998	06/09/2011	05/12/1998	06/09/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 56597
89263	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1998	06/09/2011	05/12/1998	06/09/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56597
89265	S5G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1993	06/09/2011	05/06/2008	06/09/2011	09/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54856
89266	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1993	06/09/2011	05/06/2008	06/09/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was 54856
89267	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1993	06/09/2011	05/06/2008	06/09/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54856

89269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1997	06/09/2011	01/26/2004	06/09/2011	11/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56671
89270	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/1997	06/09/2011	01/26/2004	06/09/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56671
89272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1990	06/09/2011	01/26/2004	06/09/2011	12/03/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52959
89273	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/03/1990	06/09/2011	01/26/2004	06/09/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52959
89275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1990	06/10/2011	01/26/2004	06/10/2011	06/16/2012	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52887
89276	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1990	06/10/2011	01/26/2004	06/10/2011	11/02/2011	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52887
89278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1988	06/13/2011	01/26/2004	06/13/2011	08/14/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53457
89281	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1988	06/13/2011	01/26/2004	06/13/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53457
89283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1988	06/13/2011	01/26/2004	06/13/2011	01/04/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53428
89284	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/18/1988	06/13/2011	01/26/2004	06/13/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53428
89286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	06/13/2011	01/26/2004	06/13/2011	09/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824970
89287	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	06/13/2011	01/26/2004	06/13/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824970
89289	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	06/13/2011	01/26/2004	06/13/2011			TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824110
89290	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	06/13/2011	01/26/2004	06/13/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824110
89291	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	06/13/2011	01/26/2004	06/13/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824110
89293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/14/2011	01/26/2004	06/14/2011	03/18/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832166
89294	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/14/2011	01/26/2004	06/14/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832166
89296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/14/2011	01/26/2004	06/14/2011	11/19/2011	VE	TRUE	FALSE	QTW2306 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833026
89297	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/14/2011	01/26/2004	06/14/2011	11/09/2011	VE	TRUE	FALSE	QTW2306 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833026
89299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/14/2011	01/26/2004	06/14/2011	01/04/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832164
89301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/14/2011	01/26/2004	06/14/2011	09/12/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832161
89304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/14/2011	01/26/2004	06/14/2011	12/16/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833827
89305	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/14/2011	01/26/2004	06/14/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833827
89306	POC				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	06/14/2011	01/26/2004	06/14/2011			TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833827
89308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	06/14/2011	12/31/2001	06/14/2011	12/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S825019
89309	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	06/14/2011	12/31/2001	06/14/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S825019
89311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/15/2011	01/26/2004	06/15/2011	10/04/2011		TRUE	FALSE	REQUIRE OVERPACKING PER 1200 11 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846008
89312	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/15/2011	01/26/2004	06/15/2011	11/03/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846008
89314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	06/15/2011	01/26/2004	06/15/2011	09/29/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842518
89315	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	06/15/2011	01/26/2004	06/15/2011	10/19/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842518
89317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	06/15/2011	01/26/2004	06/15/2011	12/20/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842252
89319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	06/15/2011	01/26/2004	06/15/2011	11/23/2011	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846121
89320	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	06/15/2011	01/26/2004	06/15/2011	11/01/2011	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846121
89322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	06/15/2011	01/26/2004	06/15/2011	11/08/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842473
89323	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	06/15/2011	01/26/2004	06/15/2011	10/19/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842473
89324	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	06/15/2011	01/26/2004	06/15/2011	11/01/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842473
89325	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	06/15/2011	01/26/2004	06/15/2011	09/13/2011		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842473
89327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	06/15/2011	01/26/2004	06/15/2011	01/07/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851727
89328	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	06/15/2011	01/26/2004	06/15/2011	03/21/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851727
89330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1993	06/15/2011	05/06/2008	06/15/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 55298
89331	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1993	06/15/2011	05/06/2008	06/15/2011	11/01/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 55298
89333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	06/16/2011	01/26/2004	06/16/2011	11/03/2011	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851542
89334	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	06/16/2011	01/26/2004	06/16/2011	11/06/2011	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851542
89336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/16/2011	03/28/2003	06/16/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59186
89337	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/16/2011	03/28/2003	06/16/2011	09/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59186

89339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	06/16/2011	01/26/2004	06/16/2011	12/20/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860067
89340	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	06/16/2011	01/26/2004	06/16/2011	11/06/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860067
89342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	06/16/2011	01/26/2004	06/16/2011	12/21/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834631
89343	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	06/16/2011	01/26/2004	06/16/2011	11/06/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834631
89345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	06/16/2011	01/26/2004	06/16/2011	12/03/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834520
89348	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	06/16/2011	01/26/2004	06/16/2011	11/06/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834520
89348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	06/16/2011	01/26/2004	06/16/2011	10/04/2011		TRUE	FALSE	REQUIRE OVERPACKING PER 1200 11 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842254
89349	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	06/16/2011	01/26/2004	06/16/2011	09/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842254
89351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	06/17/2011	01/26/2004	06/17/2011	09/13/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S835367
89352	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	06/17/2011	01/26/2004	06/17/2011	11/29/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S835367
89354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	06/17/2011	01/26/2004	06/17/2011	12/11/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60717
89355	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	06/17/2011	01/26/2004	06/17/2011	11/01/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60717
89357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	06/17/2011	01/26/2004	06/17/2011	11/16/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844656
89358	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	06/17/2011	01/26/2004	06/17/2011	11/29/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844656
89360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/17/2011	01/26/2004	06/17/2011	09/28/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843575
89361	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/17/2011	01/26/2004	06/17/2011	11/19/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843575
89362	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/17/2011	01/26/2004	06/17/2011	11/03/2011	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843575
89364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	06/20/2011		06/20/2011	11/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S852517
89365	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	06/20/2011		06/20/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S852517
89370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	06/20/2011	01/26/2004	06/20/2011	11/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841272
89371	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	06/20/2011	01/26/2004	06/20/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841272
89373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/21/2011	01/26/2004	06/21/2011	01/04/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845352
89374	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/21/2011	01/26/2004	06/21/2011	10/19/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845352
89378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/21/2011	12/31/1999	06/21/2011	11/06/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853471
89379	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/21/2011	12/31/1999	06/21/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853471
89381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	06/21/2011	01/26/2004	06/21/2011	01/07/2012	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853021
89382	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	06/21/2011	01/26/2004	06/21/2011	08/31/2012	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853021
89386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	06/22/2011	01/26/2004	06/22/2011	10/06/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844711
89387	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	06/22/2011	01/26/2004	06/22/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844711
89389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/22/2011	01/26/2004	06/22/2011	11/03/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845233
89390	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/22/2011	01/26/2004	06/22/2011	10/19/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845233
89392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	06/22/2011	12/31/1999	06/22/2011	12/11/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S860108
89394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/22/2011	12/31/1999	06/22/2011	10/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S855275
89395	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/22/2011	12/31/1999	06/22/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S855275
89397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/22/2011	03/24/2003	06/22/2011	11/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59177
89398	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	06/22/2011	03/24/2003	06/22/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59177
89400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	06/22/2011	01/26/2004	06/22/2011	07/21/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60423
89402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	06/22/2011	01/26/2004	06/22/2011	10/05/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60738
89403	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	06/22/2011	01/26/2004	06/22/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60738
89405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	07/08/2011	01/26/2004	07/08/2011	11/09/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822698
89407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	07/06/2011	01/26/2004	07/06/2011	11/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60788
89408	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	07/06/2011	01/26/2004	07/06/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60788
89410	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/07/2011	12/31/2001	07/07/2011	07/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S824575
89411	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/07/2011	12/31/2001	07/07/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S824575
89412	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/07/2011	12/31/2001	07/07/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S824575
89413	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/07/2011	12/31/2001	07/07/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S824575

89414	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/07/2011	12/31/2001	07/07/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S824575
89415	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/07/2011	12/31/2001	07/07/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S824575
89417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/07/2011	12/31/2001	07/07/2011	10/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824951
89418	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/07/2011	12/31/2001	07/07/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S824951
89419	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/07/2011	12/31/2001	07/07/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S824951
89420	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/07/2011	12/31/2001	07/07/2011	11/01/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824951
89421	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/07/2011	12/31/2001	07/07/2011	11/01/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824951
89422	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/07/2011	12/31/2001	07/07/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S824951
89424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	07/08/2011	01/26/2004	07/08/2011	09/28/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802692
89425	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	07/08/2011	01/26/2004	07/08/2011	10/19/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802692
89426	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	07/08/2011	01/26/2004	07/08/2011	11/01/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802692
89428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/08/2011	01/26/2004	07/08/2011	11/03/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59282
89429	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/08/2011	01/26/2004	07/08/2011	11/29/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59282
89431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/08/2011	01/26/2004	07/08/2011	10/05/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59134
89432	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/08/2011	01/26/2004	07/08/2011	03/10/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59134
89436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	07/11/2011	01/26/2004	07/11/2011	11/19/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 89434
89437	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	07/11/2011	01/26/2004	07/11/2011			TRUE	FALSE	DRUM RETURNED TO TA-55 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 89434
89439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/11/2011	01/26/2004	07/11/2011	10/27/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842490
89440	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/11/2011	01/26/2004	07/11/2011	11/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842490
89442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	07/12/2011	01/26/2004	07/12/2011	10/23/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60724
89443	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	07/12/2011	01/26/2004	07/12/2011	11/19/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60724
89445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	07/12/2011	01/26/2004	07/12/2011	12/11/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60431
89448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/12/2011	01/26/2004	07/12/2011	04/14/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60427
89450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	07/13/2011	01/26/2004	07/13/2011	11/20/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60429
89451	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	07/13/2011	01/26/2004	07/13/2011	11/09/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60429
89453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	07/13/2011	01/26/2004	07/13/2011	10/17/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60729
89454	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	07/13/2011	01/26/2004	07/13/2011	12/07/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60729
89456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/13/2011	01/26/2004	07/13/2011	11/19/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823081
89457	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/13/2011	01/26/2004	07/13/2011	11/07/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823081
89458	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/13/2011	01/26/2004	07/13/2011	11/07/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823081
89460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/13/2011	01/26/2004	07/13/2011	10/19/2011		TRUE	FALSE	QTW2308 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823217
89461	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/13/2011	01/26/2004	07/13/2011	11/08/2011		TRUE	FALSE	QTW2308 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823217
89463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981	07/13/2011	01/26/2004	07/13/2011	01/19/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S814956
89466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/13/2011	01/26/2004	07/13/2011	11/23/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824438
89468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	07/13/2011	01/26/2004	07/13/2011	10/27/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834468
89469	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	07/13/2011	01/26/2004	07/13/2011	11/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834468
89471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/14/2011	01/26/2004	07/14/2011	09/24/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834535
89472	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/14/2011	01/26/2004	07/14/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834535
89474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/14/2011	01/26/2004	07/14/2011	11/19/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832567
89475	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/14/2011	01/26/2004	07/14/2011	11/07/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832567
89477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/14/2011	01/26/2004	07/14/2011	09/24/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832514
89479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/14/2011	01/26/2004	07/14/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825011
89481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	07/14/2011	01/26/2004	07/14/2011	12/18/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60793
89482	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	07/14/2011	01/26/2004	07/14/2011	02/18/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60793
89484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/1988	07/14/2011	01/26/2004	07/14/2011	11/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53375
89485	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/05/1988	07/14/2011	01/26/2004	07/14/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53375

89487	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1997	07/14/2011	01/26/2004	07/14/2011	09/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56631
89488	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/1997	07/14/2011	01/26/2004	07/14/2011	11/06/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56631
89490	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/14/2011	11/26/2002	07/14/2011	10/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 60401
89491	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/14/2011	11/26/2002	07/14/2011	11/06/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 60401
89493	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1998	07/14/2011	01/26/2004	07/14/2011	11/19/2011		TRUE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60766
89494	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1998	07/14/2011	01/26/2004	07/14/2011	11/07/2011		TRUE	FALSE	P_MT42=Unknown,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60766
89497	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	07/18/2011	01/26/2004	07/18/2011	09/28/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802810
89498	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	07/18/2011	01/26/2004	07/18/2011	11/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802810
89500	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	07/18/2011		07/18/2011	09/29/2011		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 56300
89503	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	07/18/2011	01/26/2004	07/18/2011	11/13/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803028
89504	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	07/18/2011	01/26/2004	07/18/2011	11/06/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803028
89506	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981	07/18/2011	01/26/2004	07/18/2011	11/09/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S814870
89508	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	07/18/2011	01/26/2004	07/18/2011	11/09/2011		TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813564
89509	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	07/18/2011	01/26/2004	07/18/2011	01/20/2012		TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813564
89511	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981	07/19/2011	01/26/2004	07/19/2011	10/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S815302
89512	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1981	07/19/2011	01/26/2004	07/19/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S815302
89514	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	07/19/2011	01/26/2004	07/19/2011	10/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S817521
89515	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	07/19/2011	01/26/2004	07/19/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S817521
89517	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	07/19/2011	01/26/2004	07/19/2011	11/13/2011	VE	TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816787
89518	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	07/19/2011	01/26/2004	07/19/2011	12/07/2011	VE	TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816787
89520	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/19/2011	01/26/2004	07/19/2011	11/19/2011		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823216
89521	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/19/2011	01/26/2004	07/19/2011	10/19/2011		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823216
89523	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	07/19/2011	01/26/2004	07/19/2011	01/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818729
89524	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	07/19/2011	01/26/2004	07/19/2011	11/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818729
89526	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/19/2011	01/26/2004	07/19/2011	10/05/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824441
89527	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/19/2011	01/26/2004	07/19/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824441
89528	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/19/2011	01/26/2004	07/19/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824441
89529	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/19/2011	01/26/2004	07/19/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824441
89530	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/19/2011	01/26/2004	07/19/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824441
89531	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/19/2011	01/26/2004	07/19/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824441
89532	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/19/2011	01/26/2004	07/19/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824441
89534	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	07/19/2011	01/26/2004	07/18/2011	10/05/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S832352
89535	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	07/19/2011	01/26/2004	07/19/2011	11/02/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S832352
89537	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/20/2011	01/26/2004	07/20/2011	11/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824622
89538	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/20/2011	01/26/2004	07/20/2011	10/19/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824622
89540	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	07/20/2011	01/26/2004	07/20/2011	01/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824070
89541	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	07/20/2011	01/26/2004	07/20/2011	11/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824070
89543	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/20/2011	01/26/2004	07/20/2011	11/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825039
89544	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/20/2011	01/26/2004	07/20/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825039
89546	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1989	07/20/2011	01/26/2004	07/20/2011	11/20/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52368
89547	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1989	07/20/2011	01/26/2004	07/20/2011	10/19/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52368
89549	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/20/2011	01/26/2004	07/20/2011	11/09/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833101
89550	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/20/2011	01/26/2004	07/20/2011	11/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833101
89552	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/20/2011	01/26/2004	07/20/2011	11/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834629
89553	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/20/2011	01/26/2004	07/20/2011	11/06/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834629
89555	56G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	07/20/2011	01/26/2004	07/20/2011	11/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833263

89558	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	07/20/2011	01/26/2004	07/20/2011	11/08/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5833263
89558	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/20/2011	01/26/2004	07/20/2011	11/19/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5832511
89559	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/20/2011	01/26/2004	07/20/2011	11/08/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5832511
89561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1987	07/21/2011	01/26/2004	07/21/2011	12/11/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53337
89564	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1987	07/21/2011	01/26/2004	07/21/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53337
89565	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1987	07/21/2011	01/26/2004	07/21/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53337
89568	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1987	07/21/2011	01/26/2004	07/21/2011	10/19/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53337
89568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1988	07/21/2011	01/26/2004	07/21/2011	07/31/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53450
89569	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1988	07/21/2011	01/26/2004	07/21/2011	11/18/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53450
89571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/1988	07/21/2011	01/26/2004	07/21/2011	12/03/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53001
89572	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/02/1988	07/21/2011	01/26/2004	07/21/2011	08/10/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53001
89574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1989	07/21/2011	01/26/2004	07/21/2011	07/20/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52546
89576	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1989	07/21/2011	01/26/2004	07/21/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52546
89578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	07/22/2011	01/26/2004	07/22/2011	01/07/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53397
89579	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	07/22/2011	01/26/2004	07/22/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53397
89581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1988	07/25/2011	01/26/2004	07/25/2011	01/07/2012	VE		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53798
89582	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1988	07/25/2011	01/26/2004	07/25/2011	11/04/2012	VE		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53798
89584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1994	07/25/2011	01/26/2004	07/25/2011	04/21/2012	VE		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 55510
89585	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1994	07/25/2011	01/26/2004	07/25/2011	11/17/2011	VE		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 55510
89587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1988	07/25/2011		07/25/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53666
89588	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1988	07/25/2011		07/25/2011	08/28/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53666
89590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1988	07/25/2011		07/25/2011	12/10/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53498
89591	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/22/1988	07/25/2011		07/25/2011	11/16/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53498
89593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1988	07/25/2011	01/26/2004	07/25/2011	10/24/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53553
89594	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/25/1988	07/25/2011	01/26/2004	07/25/2011	11/16/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53553
89598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/26/2011	01/26/2004	07/26/2011	12/13/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60491
89599	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/26/2011	01/26/2004	07/26/2011	11/16/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60491
89600	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/26/2011	01/26/2004	07/26/2011	04/27/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60491
89602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	07/26/2011	01/26/2004	07/26/2011	03/28/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5841335
89603	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	07/26/2011	01/26/2004	07/26/2011	11/16/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5841335
89605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/26/2011	01/26/2004	07/26/2011	12/10/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5834663
89608	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/26/2011	01/26/2004	07/26/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5834663
89608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	07/26/2011	01/26/2004	07/26/2011	01/07/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60722
89609	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	07/26/2011	01/26/2004	07/26/2011	10/19/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60722
89611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	07/26/2011	01/26/2004	07/26/2011	12/21/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5851785
89612	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	07/26/2011	01/26/2004	07/26/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5851785
89614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/26/2011	01/26/2004	07/26/2011	12/09/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5854604
89615	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/26/2011	01/26/2004	07/26/2011	11/17/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5854604
89617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/1985	07/26/2011	01/26/2004	07/26/2011	11/20/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5853004
89619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/27/2011	01/26/2004	07/27/2011	08/22/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5841633
89620	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/27/2011	01/26/2004	07/27/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5841633
89622	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1988	07/27/2011	01/26/2004	07/27/2011	12/21/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53609
89623	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/18/1988	07/27/2011	01/26/2004	07/27/2011	11/17/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 53609
89625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	07/27/2011	01/26/2004	07/27/2011	02/22/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5845153
89626	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	07/27/2011	01/26/2004	07/27/2011	11/16/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 5845153
89628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/12/1991	07/27/2011	01/26/2004	07/27/2011	11/29/2011			TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54525

89630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1991	07/27/2011		07/27/2011	11/29/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 54380
89631	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1991	07/27/2011		07/27/2011	11/01/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 54380
89633	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	07/27/2011	01/26/2004	07/27/2011	08/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833423
89634	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	07/27/2011	01/26/2004	07/27/2011	03/10/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833423
89635	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	07/27/2011	01/26/2004	07/27/2011	11/18/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833423
89638	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	07/28/2011	12/31/1999	07/28/2011	05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851248 AT BLDG 412
89639	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	07/27/2011	01/26/2004	07/27/2011	11/18/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845035
89641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/28/2011	01/26/2004	07/28/2011	12/10/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844185
89642	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/28/2011	01/26/2004	07/28/2011	11/17/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844185
89644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/28/2011	01/26/2004	07/28/2011	12/20/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823214
89645	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/28/2011	01/26/2004	07/28/2011	11/16/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823214
89647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/28/2011	01/26/2004	07/28/2011	02/17/2012	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824968
89649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	07/28/2011	01/26/2004	07/28/2011	11/20/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844230
89650	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	07/28/2011	01/26/2004	07/28/2011	04/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844230
89652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/28/2011	01/26/2004	07/28/2011	10/19/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842514
89653	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	07/28/2011	12/31/1999	07/28/2011	04/10/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851248 AT BLDG 412
89654	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/28/2011	01/26/2004	07/28/2011	11/18/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842514
89656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	07/28/2011	01/26/2004	07/28/2011	11/20/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845065
89657	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	07/28/2011	01/26/2004	07/28/2011	10/12/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845065
89659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/28/2011	01/26/2004	07/28/2011	11/20/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845272
89660	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/28/2011	01/26/2004	07/28/2011	11/17/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845272
89662	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1989	08/01/2011	01/26/2004	08/01/2011	10/30/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52073
89663	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/12/1989	08/01/2011	01/26/2004	08/01/2011	01/11/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52073
89665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	08/01/2011	01/26/2004	08/01/2011	11/23/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853570
89666	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	08/01/2011	01/26/2004	08/01/2011	11/02/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853570
89668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	08/01/2011	01/26/2004	08/01/2011	10/27/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851402
89669	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	08/01/2011	12/31/2001	08/01/2011	04/03/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822529 AT BLDG 412
89670	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	08/01/2011	12/31/2001	08/01/2011	04/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822529 AT BLDG 412
89673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	08/04/2011	01/26/2004	08/04/2011	11/20/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851705
89674	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1979	08/03/2011	11/30/1998	08/03/2011	05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S791743 AT BLDG 412
89675	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1979	08/03/2011	11/30/1998	08/03/2011	05/13/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S791743 AT BLDG 412
89676	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	08/04/2011	01/26/2004	08/04/2011	11/23/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851705
89678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1991	08/04/2011		08/04/2011	11/20/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= Rpkgd Was 54389
89679	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1991	08/04/2011		08/04/2011	01/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= Rpkgd Was 54389
89682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	08/04/2011	01/26/2004	08/04/2011	11/20/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824420
89683	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	08/04/2011	01/26/2004	08/04/2011	11/18/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824420
89684	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	08/04/2011	01/26/2004	08/04/2011	11/17/2011	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824420
89688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	08/04/2011	01/26/2004	08/04/2011	12/20/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824149
89687	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	08/04/2011	01/26/2004	08/04/2011	10/19/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824149
89689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	08/04/2011	01/26/2004	08/04/2011	11/20/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824059
89690	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	08/04/2011	01/26/2004	08/04/2011	11/18/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824059
89692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/04/2011	01/26/2004	08/04/2011	03/15/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845356
89695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	08/04/2011	01/26/2004	08/04/2011	04/28/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813211
89697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/05/2011	01/26/2004	08/05/2011	02/26/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832196
89700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	08/05/2011	01/26/2004	08/05/2011	03/10/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825733
89703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	08/05/2011	01/26/2004	08/05/2011	12/17/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824558

89704	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	08/05/2011	01/26/2004	08/05/2011	01/20/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824668
89706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	08/05/2011	01/26/2004	08/05/2011	12/11/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824480
89710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/05/2011	01/26/2004	08/05/2011	12/13/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824648
89713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/05/2011	01/26/2004	08/05/2011	12/10/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832431
89718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	08/05/2011	01/26/2004	08/05/2011	01/11/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832264
89719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	08/08/2011	01/26/2004	08/08/2011	08/04/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844816
89720	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	08/08/2011	01/26/2004	08/08/2011	12/03/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844816
89722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	08/08/2011	01/26/2004	08/08/2011	08/01/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833355
89725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	08/08/2011	01/26/2004	08/08/2011	02/22/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833251
89726	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	08/08/2011	01/26/2004	08/08/2011	06/14/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833251
89728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	08/08/2011	01/26/2004	08/08/2011	11/20/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S835290
89729	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	08/08/2011	01/26/2004	08/08/2011	11/29/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S835290
89731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	08/08/2011	01/26/2004	08/08/2011	01/13/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834766
89733	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	08/08/2011	01/26/2004	08/08/2011	03/15/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851504
89734	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	08/08/2011	01/26/2004	08/08/2011	03/01/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851504
89738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1989	08/09/2011	01/26/2004	08/09/2011	11/29/2011		TRUE	FALSE	080911 RPKGD 102210 SPLIT LANL REJECTED - HI DOSE --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52412
89737	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1989	08/09/2011	01/26/2004	08/09/2011	12/03/2011		TRUE	FALSE	080911 RPKGD 102210 LANL REJECTED - HI DOSE --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52412
89739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/09/2011	12/31/2001	08/09/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823052
89741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/09/2011	01/26/2004	08/09/2011	11/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832199
89743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	08/09/2011	01/26/2004	08/09/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823177
89744	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	08/09/2011	12/31/1999	08/09/2011	05/16/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851161 AT BLDG 412
89745	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	08/09/2011	12/31/1999	08/09/2011	05/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851161 AT BLDG 412
89747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	08/09/2011	01/26/2004	08/09/2011	12/04/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845102
89748	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	08/09/2011	01/26/2004	08/09/2011	02/24/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845102
89756	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1988	08/11/2011	12/31/1999	08/11/2011	05/17/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S865190 AT BLDG 412
89757	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1988	08/11/2011	12/31/1999	08/11/2011	08/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S865190 AT BLDG 412
89765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/22/1997	08/12/2011	05/08/2008	08/12/2011	04/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 56201
89767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1997	08/15/2011	08/04/1997	08/15/2011	12/10/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56364
89768	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1997	08/15/2011	08/04/1997	08/15/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56364
89770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/15/2011	01/26/2004	08/15/2011	12/10/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824651
89771	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/15/2011	01/26/2004	08/15/2011	05/10/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824651
89772	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/15/2011	01/26/2004	08/15/2011	12/03/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824651
89773	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/15/2011	01/26/2004	08/15/2011	12/03/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824651
89775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1992	08/15/2011	05/08/2008	08/15/2011	12/03/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 54865
89776	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1992	08/15/2011	05/08/2008	08/15/2011	08/31/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 54865
89778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1992	08/15/2011	05/08/2008	08/15/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 54692
89781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1997	08/15/2011	11/18/2002	08/15/2011	01/10/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59289
89782	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1997	08/15/2011	11/18/2002	08/15/2011	12/03/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 59289
89784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	08/16/2011	01/26/2004	08/16/2011	12/03/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846081
89785	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	08/16/2011	01/26/2004	08/16/2011	03/10/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846081
89786	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	08/16/2011	01/26/2004	08/16/2011	11/29/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846081
89788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	08/16/2011	12/31/2001	08/16/2011	11/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S822873
89790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1992	08/16/2011	05/08/2008	08/16/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S4680
89791	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1992	08/16/2011	05/08/2008	08/16/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S4680
89793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	08/16/2011	12/31/2001	08/16/2011	12/04/2011		TRUE	FALSE	_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S824103

89795	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	08/16/2011	12/31/2001	08/16/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824103
89797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/16/2011	01/26/2004	08/16/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863741
89798	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/16/2011	01/26/2004	08/16/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863741
89799	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/16/2011	01/26/2004	08/16/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863741
89815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	08/18/2011	01/26/2004	08/18/2011	11/29/2011		TRUE	FALSE	OTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S794405
89816	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	08/18/2011	01/26/2004	08/18/2011	11/02/2011		TRUE	FALSE	OTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S794405
89820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1993	08/18/2011	05/08/2008	08/18/2011	11/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 55236
89821	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/09/1993	08/18/2011	05/08/2008	08/18/2011	11/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 55236
89823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/1992	08/18/2011	05/08/2008	08/18/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54854
89824	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/16/1992	08/18/2011	05/08/2008	08/18/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54854
89828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/19/2011	05/07/2003	08/19/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 60704
89829	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/19/2011	05/07/2003	08/19/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 60704
89831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	08/19/2011	12/06/1997	08/19/2011	11/28/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56669
89832	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	08/19/2011	12/06/1997	08/19/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56669
89833	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	08/19/2011	12/06/1997	08/19/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 56669
89834	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	08/19/2011	12/06/1997	08/19/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56669
89835	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	08/19/2011	12/06/1997	08/19/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56669
89836	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	08/19/2011	12/06/1997	08/19/2011	10/26/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56669
89837	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1997	08/19/2011	12/06/1997	08/19/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56669
89839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/19/2011	01/26/2004	08/19/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833027
89840	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/19/2011	01/26/2004	08/19/2011	03/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833027
89841	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/19/2011	01/26/2004	08/19/2011	11/01/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833027
89843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/19/2011	12/31/2001	08/19/2011	12/17/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823071
89844	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/19/2011	12/31/2001	08/19/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823071
89846	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/19/2011	12/31/2001	08/19/2011	07/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823036
89847	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/19/2011	12/31/2001	08/19/2011	03/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S823036
89851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	08/23/2011	01/26/2004	08/23/2011	12/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851735
89852	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	08/23/2011	01/26/2004	08/23/2011	02/24/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851735
89854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	08/23/2011	12/31/1999	08/23/2011	12/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853711
89856	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	08/23/2011	12/31/1999	08/23/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853711
89858	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	08/23/2011	12/31/1999	08/23/2011	01/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853572
89860	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	08/23/2011	12/31/1999	08/23/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853572
89862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/23/2011	01/26/2004	08/23/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843621
89863	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/23/2011	01/26/2004	08/23/2011	05/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843621
89865	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	08/25/2011	12/31/1999	08/25/2011	05/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851166 AT BLDG 412
89866	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	08/25/2011	12/31/1999	08/25/2011	05/16/2012		FALSE	FALSE	STRIPPED BOLT ON LID LANL NCR EP-DIR-NCR-11-0075 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S851166 AT BLDG 412
89867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	08/25/2011	12/31/1999	08/25/2011	05/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD FLAG= Rpkgd Was S853868
89868	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	08/25/2011	12/31/1999	08/25/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853868
89870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	08/26/2011		08/26/2011	01/11/2012		TRUE	FALSE	OTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S855134
89871	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	08/26/2011		08/26/2011	12/07/2011		TRUE	FALSE	OTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S855134
89875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	08/26/2011	12/31/1999	08/26/2011	12/17/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860109
89876	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	08/26/2011	12/31/1999	08/26/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860109
89878	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/26/2011	12/31/1999	08/26/2011	12/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855200
89879	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/26/2011	12/31/1999	08/26/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S855200
89881	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	08/26/2011	12/31/1999	08/26/2011	01/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853772

89882	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	08/26/2011	12/31/1999	08/26/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853772
89884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	08/29/2011	12/31/1999	08/29/2011	12/17/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862256
89885	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	08/29/2011	12/31/1999	08/29/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862256
89888	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1980	08/30/2011	11/30/1998	08/30/2011	05/17/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802606 AT BLDG 412
89889	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1980	08/30/2011	11/30/1998	08/30/2011	05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802606 AT BLDG 412
89891	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/27/1981	08/31/2011	11/30/1998	08/31/2011	07/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813241 AT BLDG 412
89892	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/27/1981	08/31/2011	11/30/1998	08/31/2011	07/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%= No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813241 AT BLDG 412
89893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/01/2011	12/31/1999	09/01/2011	12/18/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862059
89894	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/01/2011	12/31/1999	09/01/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862059
89895	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/01/2011	12/31/1999	09/01/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862059
89897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	09/06/2011		09/08/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S884237
89898	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	09/06/2011		09/08/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S884237
89900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/07/2011	12/31/1999	09/07/2011	12/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863025
89901	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/07/2011	12/31/1999	09/07/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863025
89903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	09/07/2011	12/31/1999	09/07/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862000
89904	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	09/07/2011	12/31/1999	09/07/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862000
89906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	09/07/2011	12/31/1999	09/07/2011	12/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864240
89907	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	09/07/2011	12/31/1999	09/07/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864240
89909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/07/2011	12/31/1999	09/07/2011	12/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863016
89910	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/07/2011	12/31/1999	09/07/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863016
89912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/07/2011	12/31/1999	09/07/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870149
89913	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/07/2011	12/31/1999	09/07/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 88912 - Rpkgd Was S870149
89915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1997	09/07/2011	08/25/1997	09/07/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56116
89916	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/1997	09/07/2011	08/25/1997	09/07/2011	05/24/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 56116
89918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1997	09/07/2011	09/11/1997	09/07/2011	11/29/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 56824
89919	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1997	09/07/2011	09/11/1997	09/07/2011	09/06/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56824
89921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/07/2011	12/31/1999	09/07/2011	12/11/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870179
89923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1992	09/08/2011	05/06/2008	09/08/2011	12/08/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 54794
89924	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1992	09/08/2011	05/06/2008	09/08/2011	06/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 54794
89926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	09/08/2011	12/31/2001	09/08/2011	12/11/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S822941
89927	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	09/08/2011	12/31/2001	09/08/2011	12/03/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822941
89929	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	09/08/2011	01/26/2004	09/08/2011	11/23/2011		TRUE	FALSE	RPKGD was 60917 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 80986
89930	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	09/08/2011	01/26/2004	09/08/2011	12/03/2011		TRUE	FALSE	Rpkgd Was 80986 Rpkgd was 60917 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 89929 - Rpkgd into 89930 - Rpkgd into 89931
89931	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	09/08/2011	01/26/2004	09/08/2011	12/07/2011		TRUE	FALSE	Rpkgd Was 80986 Rpkgd was 60917 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 89929 - Rpkgd into 89930 - Rpkgd into 89931
89933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	09/08/2011	12/31/1999	09/08/2011	12/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853816
89934	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	09/08/2011	12/31/1999	09/08/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853816
89936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	09/08/2011	12/31/1999	09/08/2011	01/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855129
89937	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	09/08/2011	12/31/1999	09/08/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S855129
89939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/08/2011	12/31/1999	09/08/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861949
89940	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/08/2011	12/31/1999	09/08/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S861949
89942	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/08/2011	12/31/1999	09/08/2011	05/19/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S861745
89943	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1980	09/12/2011	11/30/1998	09/12/2011	05/20/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802606 AT BLDG 412
89948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	09/08/2011	12/31/1999	09/08/2011	03/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853468
89950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/09/2011	12/31/1999	09/09/2011	04/22/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860169

89952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	09/09/2011	12/31/1999	09/09/2011	12/18/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S855274
89953	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	09/09/2011	12/31/1999	09/09/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S855274
89955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/09/2011	01/26/2004	09/09/2011	12/13/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864311
89958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/09/2011	12/31/1999	09/09/2011	03/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870023
89961	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/09/2011	01/26/2004	09/09/2011	12/04/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 89956
89962	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/09/2011	01/26/2004	09/09/2011	02/24/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 89956
89963	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/09/2011	01/26/2004	09/09/2011	12/07/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= -Rpkgd Was 89956
89964	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/09/2011	01/26/2004	09/09/2011	01/13/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 89956
89966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	09/12/2011	12/31/1999	09/12/2011	01/11/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S861984
89967	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	09/12/2011	12/31/1999	09/12/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861984
89969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	09/12/2011	12/31/2001	09/12/2011	08/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S823277
89970	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	09/12/2011	12/31/2001	09/12/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S823277
89972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	09/12/2011	12/31/1999	09/12/2011	12/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864687
89973	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	09/12/2011	12/31/1999	09/12/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S864687
89975	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/12/2011	12/31/1999	09/12/2011	07/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S882884
89976	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/12/2011	12/31/1999	09/12/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S882884
89978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	09/12/2011	01/26/2004	09/12/2011	07/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846678
89979	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	09/12/2011	01/26/2004	09/12/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846678
89981	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	09/12/2011	12/31/1999	09/12/2011	01/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853470
89982	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981	09/13/2011	11/30/1998	09/13/2011	07/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813240
89983	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981	09/13/2011	11/30/1998	09/13/2011	07/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813240 AT BLDG 412
89984	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981	09/13/2011	11/30/1998	09/13/2011	07/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813240 AT BLDG 412
89985	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981	09/13/2011	11/30/1998	09/13/2011	07/24/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813240 AT BLDG 412
89986	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981	09/13/2011	11/30/1998	09/13/2011	07/29/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813240 AT BLDG 412
89987	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981	09/13/2011	11/30/1998	09/13/2011	07/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813240 AT BLDG 412
89988	55G				EMPLACED_CNTR	LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981	09/13/2011	11/30/1998	09/13/2011	07/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813240 AT BLDG 412
89989	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	09/12/2011	12/31/1999	09/12/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853470
89990	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	09/12/2011	12/31/1999	09/12/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S853470
89992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/19/2011	12/31/1999	09/19/2011	12/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870256
89994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	09/19/2011	12/31/1999	09/19/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853844
89995	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	09/19/2011	12/31/1999	09/19/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853844
89997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	09/19/2011	12/31/1999	09/19/2011	01/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853472
90000	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	09/19/2011	12/31/1999	09/19/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853472
90004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/19/2011	12/31/1999	09/19/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S855583
90005	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/19/2011	12/31/1999	09/19/2011	12/07/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S855583
90007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	09/20/2011	12/31/1999	09/20/2011	09/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860079
90008	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	09/20/2011	12/31/1999	09/20/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG Rpkgd Was S860079
90010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	09/20/2011	12/31/1999	09/20/2011	01/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853290
90011	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	09/20/2011	12/31/1999	09/20/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S853290
90013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/20/2011	12/31/1999	09/20/2011	04/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861748
90015	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/20/2011	12/31/1999	09/20/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855632
90016	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/20/2011	12/31/1999	09/20/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S855632
90018	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	09/20/2011	01/26/2004	09/20/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843665
90019	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	09/20/2011	01/26/2004	09/20/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843665
90021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	09/20/2011	12/31/1999	09/20/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S853321

90022	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/10/1985	09/20/2011	12/31/1999	09/20/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S853321
90024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/17/1985	09/21/2011	12/31/1999	09/21/2011	12/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S855892
90025	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	12/17/1985	09/21/2011	12/31/1999	09/21/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S855892
90027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/19/1986	09/21/2011	12/31/1999	09/21/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S860170
90028	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/19/1986	09/21/2011	12/31/1999	09/21/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S860170
90030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/20/1986	09/21/2011	12/31/1999	09/21/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S860005
90031	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/20/1986	09/21/2011	12/31/1999	09/21/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S860005
90033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/09/1985	09/21/2011	01/26/2004	09/21/2011	12/04/2011	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853559
90034	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/09/1985	09/21/2011	01/26/2004	09/21/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853559
90036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/08/1986	09/21/2011	12/31/1999	09/21/2011	12/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862952
90037	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/08/1986	09/21/2011	12/31/1999	09/21/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862952
90039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/08/1986	09/21/2011	12/31/1999	09/21/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862001
90040	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/08/1986	09/21/2011	12/31/1999	09/21/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862001
90041	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	04/08/1986	09/21/2011	12/31/1999	09/21/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S862001
90043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/26/1986	09/21/2011	12/31/1999	09/21/2011	02/25/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S863706
90044	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	08/26/1986	09/21/2011	12/31/1999	09/21/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S863706
90048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/13/1986	09/21/2011	12/31/1999	09/21/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862458
90049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S863711
90050	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863711
90052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	12/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864225
90053	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG Rpkgd Was S864225
90055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	12/11/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863709
90056	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S863709
90058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	05/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S864329
90059	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S864329
90061	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	12/16/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864255
90062	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	10/01/1986	09/22/2011	12/31/1999	09/22/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S864255
90064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	09/22/2011	12/31/1999	09/22/2011	12/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870030
90065	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	09/22/2011	12/31/1999	09/22/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S870030
90067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	09/22/2011	12/31/1999	09/22/2011	04/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870018
90068	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/24/1987	09/22/2011	12/31/1999	09/22/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S870018
90070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/07/1987	09/22/2011	12/31/1999	09/22/2011	12/11/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S871888
90071	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	07/07/1987	09/22/2011	12/31/1999	09/22/2011	04/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S871888
90073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/01/1984	09/22/2011	01/26/2004	09/22/2011	02/24/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846004
90074	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/01/1984	09/22/2011	01/26/2004	09/22/2011	09/29/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846004
90076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/01/1984	09/23/2011	01/26/2004	09/23/2011	12/17/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845348
90077	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/01/1984	09/23/2011	01/26/2004	09/23/2011	01/13/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845348
90079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/10/1982	09/23/2011	12/31/2001	09/23/2011	02/25/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S824690
90080	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/10/1982	09/23/2011	12/31/2001	09/23/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S824690
90081	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	11/10/1982	09/23/2011	12/31/2001	09/23/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S824690
90083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/11/1989	09/23/2011	01/26/2004	09/23/2011	02/26/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52476
90084	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/11/1989	09/23/2011	01/26/2004	09/23/2011	12/04/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52476
90085	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/11/1989	09/23/2011	01/26/2004	09/23/2011	12/04/2011		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52476
90087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	05/05/1981	09/23/2011	01/26/2004	09/23/2011	09/07/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813341
90089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/19/1986	09/23/2011	12/31/1999	09/23/2011	01/19/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861749
90090	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-008	S5400	02/19/1986	09/23/2011	12/31/1999	09/23/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861749

90092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	09/23/2011	01/26/2004	09/23/2011	02/26/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855289
90093	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	09/23/2011	01/26/2004	09/23/2011	04/08/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855289
90095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	09/23/2011	01/26/2004	09/23/2011	02/25/2012		TRUE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841304
90096	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	09/23/2011	01/26/2004	09/23/2011	01/11/2012		TRUE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841304
90098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	09/23/2011	12/31/1999	09/23/2011	03/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=rpkgd Was S861983
90099	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	09/23/2011	12/31/1999	09/23/2011	08/30/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861983
90101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/25/2011	12/31/1999	09/25/2011	08/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862233
90102	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/25/2011	12/31/1999	09/25/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862233
90103	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/25/2011	12/31/1999	09/25/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862233
90105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/25/2011	12/31/1999	09/25/2011	07/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862883
90106	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/25/2011	12/31/1999	09/25/2011	03/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862883
90108	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/25/2011	12/31/1999	09/25/2011	03/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862964
90109	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/25/2011	12/31/1999	09/25/2011	12/04/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862964
90111	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/25/2011	12/31/1999	09/25/2011	05/30/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S864174
90112	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/25/2011	12/31/1999	09/25/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S864174
90114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/25/2011	12/31/1999	09/25/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S864331
90115	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	09/25/2011	12/31/1999	09/25/2011	03/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864331
90117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/25/2011	12/31/1999	09/25/2011	12/20/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870227
90118	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/25/2011	12/31/1999	09/25/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S870227
90122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	09/25/2011	12/31/1999	09/25/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862045
90123	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	09/25/2011	12/31/1999	09/25/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862045
90125	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	09/26/2011	12/31/1999	09/26/2011	05/02/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852053 at BLDG 412
90126	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	09/26/2011	12/31/1999	09/26/2011	05/02/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852053 at BLDG 412
90127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/26/2011	12/31/1999	09/26/2011	01/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870029
90128	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/26/2011	12/31/1999	09/26/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG - Rpkgd Was S870029
90130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/27/2011	12/31/1999	09/27/2011	12/17/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S871839
90131	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	09/27/2011	12/31/1999	09/27/2011	03/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S871839
90133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/27/2011	12/31/1999	09/27/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870356
90134	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/27/2011	12/31/1999	09/27/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870356
90136	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/27/2011	12/31/1999	09/27/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S870147
90137	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/27/2011	12/31/1999	09/27/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870147
90138	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/27/2011	12/31/1999	09/27/2011	03/02/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870147
90139	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/27/2011	12/31/1999	09/27/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870147
90140	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/27/2011	12/31/1999	09/27/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870147
90142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/27/2011	12/31/1999	09/27/2011	02/25/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862923
90143	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	09/27/2011	12/31/1999	09/27/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S862923
90145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	09/27/2011	01/26/2004	09/27/2011	12/21/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825008
90148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/27/2011	12/31/1999	09/27/2011	02/25/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S870359
90149	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	09/27/2011	12/31/1999	09/27/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S870359
90151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	09/28/2011	01/26/2004	09/28/2011	12/13/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803081
90152	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	09/28/2011	01/26/2004	09/29/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803081
90153	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	09/29/2011	01/26/2004	09/29/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803081
90154	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	09/29/2011	01/26/2004	09/29/2011	03/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803081
90155	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	09/29/2011	01/26/2004	09/29/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803081
90157	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1990	09/29/2011		09/29/2011	02/17/2012	VE	TRUE	FALSE	QTW2308 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 53949
90160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	09/29/2011	01/26/2004	09/29/2011	12/20/2011		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824584

90161	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	09/29/2011	01/26/2004	09/29/2011	01/20/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824584
90163	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	09/29/2011	12/31/1999	09/29/2011	04/10/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862227
90165	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	09/30/2011	12/31/2001	09/30/2011	12/16/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S823027
90166	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	09/30/2011	12/31/2001	09/30/2011	01/20/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S823027
90168	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	09/30/2011	12/31/2001	09/30/2011	12/20/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S822901
90169	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	09/30/2011	12/31/2001	09/30/2011	01/13/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S822901
90171	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	09/30/2011	01/26/2004	09/30/2011	12/16/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843960
90172	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	09/30/2011	01/26/2004	09/30/2011	01/20/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843960
90174	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	09/30/2011	01/26/2004	09/30/2011	12/16/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822636
90175	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	09/30/2011	01/26/2004	09/30/2011	03/23/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822636
90177	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	09/30/2011	03/25/2003	09/30/2011	01/07/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S9182
90178	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1986	09/30/2011	03/25/2003	09/30/2011	01/20/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S9182
90182	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	10/03/2011	01/26/2004	10/03/2011	12/16/2011	VE		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832559
90183	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	10/03/2011	01/26/2004	10/03/2011	01/20/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832559
90185	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	10/03/2011	01/26/2004	10/03/2011	12/16/2011			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832263
90186	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	12/20/2011	12/31/1999	12/20/2011	05/19/2012			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851244 AT BLDG 412
90188	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	10/03/2011	01/26/2004	10/03/2011	03/15/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824140
90189	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	10/03/2011	01/26/2004	10/03/2011	01/20/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824140
90193	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	10/03/2011	01/26/2004	10/03/2011	12/16/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S2429
90194	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/22/1989	10/03/2011	01/26/2004	10/03/2011	01/20/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S2429
90196	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1988	10/04/2011	12/31/1999	10/04/2011	05/28/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S863849
90198	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	10/04/2011	12/31/1999	10/04/2011	09/18/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855891
90199	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	10/04/2011	12/31/1999	10/04/2011	01/18/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S855891
90202	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	10/04/2011	12/31/1999	10/04/2011	01/18/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S863657
90204	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/04/2011	12/31/1999	10/04/2011	03/07/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862525
90205	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/04/2011	12/31/1999	10/04/2011	08/09/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862525
90207	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/04/2011	12/31/1999	10/04/2011	03/23/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S863659
90208	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/04/2011	12/31/1999	10/04/2011	01/20/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S863659
90210	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/04/2011	01/26/2004	10/04/2011	03/29/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834842
90211	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/04/2011	01/26/2004	10/04/2011	01/20/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834842
90213	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	10/05/2011	01/26/2004	10/05/2011	08/03/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842256
90214	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	10/05/2011	01/26/2004	10/05/2011	01/13/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842256
90216	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	10/05/2011	01/26/2004	10/05/2011	01/10/2012	VE		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833082
90217	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	10/05/2011	01/26/2004	10/05/2011	03/21/2012	VE		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833082
90219	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1997	10/05/2011	07/30/1997	10/05/2011	02/25/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S6837
90222	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/1997	10/05/2011	07/29/1997	10/05/2011	12/16/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was S6835
90223	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/1997	10/05/2011	07/29/1997	10/05/2011	02/18/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was S6835
90224	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/29/1997	10/05/2011	07/29/1997	10/05/2011	03/21/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was S6835
90226	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1997	10/06/2011	07/07/1997	10/06/2011	12/21/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was S6608
90229	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1998	10/06/2011	12/09/1998	10/06/2011	12/20/2011			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S7702
90230	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1998	10/06/2011	12/09/1998	10/06/2011	01/18/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was S7702
90232	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/11/2011	12/31/1999	10/11/2011	01/04/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863778
90233	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	10/11/2011	12/31/1999	10/11/2011	01/20/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863778
90235	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/09/1998	10/11/2011	12/09/1998	10/11/2011	02/17/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S7106
90238	SSG				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	10/11/2011	01/26/2004	10/11/2011	04/13/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841305
90239	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	10/11/2011	01/26/2004	10/11/2011	03/21/2012			TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841305

90241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/11/2011	12/31/1999	10/11/2011	12/21/2011		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S871831
90242	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/11/2011	12/31/1999	10/11/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S871831
90244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1999	10/11/2011	11/10/1999	10/11/2011	03/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was S8050
90246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2001	10/12/2011	06/22/2001	10/12/2011	02/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was S9091
90247	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/22/2001	10/12/2011	06/22/2001	10/12/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was S9091
90249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/13/2001	10/12/2011	11/13/2001	10/12/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S9063
90252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2002	10/12/2011	01/02/2002	10/12/2011	03/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S9393
90253	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/2002	10/12/2011	01/02/2002	10/12/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was S9393
90255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/23/2002	10/12/2011	01/23/2002	10/12/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S9353
90256	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/23/2002	10/12/2011	01/23/2002	10/12/2011	03/23/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Into 90255 - Rpkgd Was S9353
90258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1999	10/12/2011	12/15/1999	10/12/2011	03/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S7742
90259	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1999	10/12/2011	12/15/1999	10/12/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was S7742
90261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005	10/12/2011	07/31/2006	10/12/2011	01/13/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was S9780
90262	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/2005	10/12/2011	07/31/2006	10/12/2011	01/20/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was S9780
90264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/2003	10/13/2011	08/19/2003	10/13/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 61712
90265	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/2003	10/13/2011	08/19/2003	10/13/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 61712
90267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/26/2002	10/13/2011	01/26/2004	10/13/2011	03/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60102
90269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/01/2003	10/13/2011	01/26/2004	10/13/2011	02/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60626
90272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/04/1992	10/13/2011	01/26/2004	10/13/2011	03/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60990
90274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	10/17/2011	01/26/2004	10/17/2011	03/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832254
90276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	10/17/2011		10/17/2011	03/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S855770
90277	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	10/17/2011		10/17/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S855770
90279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	10/17/2011	01/26/2004	10/17/2011	03/04/2012		TRUE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818483
90281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/17/2011	01/26/2004	10/17/2011	01/11/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863019
90282	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/17/2011	01/26/2004	10/17/2011	01/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S863019
90286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2005	10/17/2011	06/27/2005	10/17/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=Rpkgd Was 63395
90287	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/27/2005	10/17/2011	06/27/2005	10/17/2011	04/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 63395
90289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/18/2011	12/31/1999	10/18/2011	05/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S871854
90295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	10/18/2011	11/30/1998	10/18/2011	03/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S793703
90296	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	10/18/2011	11/30/1998	10/18/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S793703
90298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/18/2011	12/31/1999	10/18/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870234
90299	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	10/18/2011	12/31/1999	10/18/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S870234
90301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/01/1988	10/18/2011	01/26/2004	10/18/2011	04/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S3179
90303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	10/19/2011	01/26/2004	10/19/2011	06/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834407
90304	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	10/19/2011	01/26/2004	10/19/2011	01/13/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834407
90306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	10/19/2011	01/26/2004	10/19/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813654
90307	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	10/19/2011	01/26/2004	10/19/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813654
90309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	10/19/2011	12/31/2001	10/19/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823199
90310	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	10/19/2011	12/31/2001	10/19/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S823199
90312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	10/19/2011	01/26/2004	10/19/2011	04/02/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824095
90313	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	10/19/2011	01/26/2004	10/19/2011	01/18/2012		TRUE	FALSE	— P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824095
90315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1990	10/20/2011	12/31/1999	10/20/2011	05/19/2012		TRUE	FALSE	A27 S w ABS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S910171 Suspect SALT DO NOT SHIP to WIPP
90320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/20/2011	12/31/1999	10/20/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S862901
90321	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	10/20/2011	12/31/1999	10/20/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S862901
90326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1999	10/24/2011	07/28/1999	10/24/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was S7107

90327	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1999	10/24/2011	07/28/1999	10/24/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 57107
90329	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1998	10/24/2011	08/08/1998	10/24/2011	10/24/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56598
90330	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1998	10/24/2011	08/08/1998	10/24/2011	03/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 56598
90331	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1998	10/24/2011	08/08/1998	10/24/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=Rpkgd Was 56598
90333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1998	10/24/2011	01/26/2004	10/24/2011	03/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 57769
90334	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/19/1998	10/24/2011	01/26/2004	10/24/2011	08/16/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 57769
90336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1998	10/24/2011	11/05/1998	10/24/2011	01/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 57133
90337	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/05/1998	10/24/2011	11/05/1998	10/24/2011	01/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 57133
90341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/25/2001	10/25/2011	08/25/2001	10/25/2011	01/19/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 59013
90344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1999	10/25/2011	10/19/1999	10/25/2011	03/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 58091
90345	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/19/1999	10/25/2011	10/19/1999	10/25/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 58091
90347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/16/2002	10/25/2011	01/16/2002	10/25/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 59402
90350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003	10/26/2011	07/31/2006	10/26/2011	08/15/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=(NULL) HOLD_FLAG= - Rpkgd Was 61229
90351	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/2003	10/26/2011	07/31/2006	10/26/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=(NULL) HOLD_FLAG= - Rpkgd Was 61229
90353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/2001	10/26/2011	11/09/2001	10/26/2011	03/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 59069
90356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/2006	10/26/2011	11/20/2006	10/26/2011	03/07/2012		TRUE	FALSE	Pu-240 > 15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 63294
90359	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2005	10/26/2011	07/06/2005	10/26/2011	11/06/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=Rpkgd Was 63423
90360	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/06/2005	10/26/2011	07/06/2005	10/26/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 63423
90382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2005	10/26/2011	08/08/2005	10/26/2011	03/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 63402
90383	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/2005	10/26/2011	08/08/2005	10/26/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 63402
90369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	10/27/2011	01/26/2004	10/27/2011	03/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S793738
90371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1995	10/27/2011	05/08/2008	10/27/2011	03/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 55259
90372	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/1995	10/27/2011	05/08/2008	10/27/2011	03/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was 55259
90374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	10/27/2011	01/26/2004	10/27/2011	02/17/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59253
90375	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	10/27/2011	01/26/2004	10/27/2011	03/23/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59253
90377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004	10/27/2011	04/01/2004	10/27/2011	03/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 62648
90378	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2004	10/27/2011	04/01/2004	10/27/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 62648
90380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	10/31/2011	07/07/2003	10/31/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 61253
90381	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	10/31/2011	07/07/2003	10/31/2011	09/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd Was 61253
90383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	10/31/2011	07/07/2003	10/31/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=Rpkgd Was 61252
90384	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	10/31/2011	07/07/2003	10/31/2011	01/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 61252
90386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	10/31/2011	12/31/1999	10/31/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was S853830
90390	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1990	10/31/2011	01/26/2004	10/31/2011	01/20/2012		TRUE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S902106
90392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2005	11/01/2011	02/17/2005	11/01/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 62137
90393	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/17/2005	11/01/2011	02/17/2005	11/01/2011	08/27/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 62137
90395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1982	11/01/2011	01/26/2004	11/01/2011	03/03/2012	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824084
90396	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1982	11/01/2011	01/26/2004	11/01/2011	01/20/2012	VE	TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824084
90398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1982	11/01/2011	01/26/2004	11/01/2011	02/17/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823317
90399	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/15/1982	11/01/2011	01/26/2004	11/01/2011	01/13/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823317
90401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	11/01/2011	01/26/2004	11/01/2011	04/13/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833073
90402	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	11/01/2011	01/26/2004	11/01/2011	03/23/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833073
90404	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/01/2011	01/26/2004	11/01/2011	09/09/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845048
90405	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/01/2011	01/26/2004	11/01/2011	01/13/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845048
90407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/01/2011	01/26/2004	11/01/2011	02/17/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833917
90408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/01/2011	01/26/2004	11/01/2011	01/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833917
90409	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/01/2011	01/26/2004	11/01/2011	04/19/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833917

90411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	11/02/2011	12/31/1999	11/02/2011	08/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S864611
90412	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	11/02/2011	12/31/1999	11/02/2011	01/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S864611
90414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/03/2011	01/26/2004	11/03/2011	03/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845103
90415	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/03/2011	01/26/2004	11/03/2011	02/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845103
90417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	11/03/2011	01/26/2004	11/03/2011	08/31/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844699
90418	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	11/03/2011	01/26/2004	11/03/2011	01/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844699
90420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/03/2011	01/26/2004	11/03/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842403
90421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/03/2011	01/26/2004	11/03/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842403
90422	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/03/2011	01/26/2004	11/03/2011	04/26/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842403
90424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/03/2011	01/26/2004	11/03/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842452
90425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/03/2011	01/26/2004	11/03/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842452
90426	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/03/2011	01/26/2004	11/03/2011	04/19/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842452
90428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	11/03/2011	01/26/2004	11/03/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842536
90429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	11/03/2011	01/26/2004	11/03/2011	03/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842536
90430	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	11/03/2011	01/26/2004	11/03/2011	01/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842536
90432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	11/03/2011	01/26/2004	11/03/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825680
90433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	11/03/2011	01/26/2004	11/03/2011	02/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825680
90434	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	11/03/2011	01/26/2004	11/03/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825680
90436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	11/07/2011	12/31/1999	11/07/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd Was S853845
90437	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	11/07/2011	12/31/1999	11/07/2011	03/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S853845
90439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/07/2011	01/26/2004	11/07/2011	01/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802705
90440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/07/2011	01/26/2004	11/07/2011	01/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802705
90441	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/07/2011	01/26/2004	11/07/2011	03/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802705
90443	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/07/2011	01/26/2004	11/07/2011	04/08/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833024
90444	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/07/2011	01/26/2004	11/07/2011	02/18/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833024
90448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	11/07/2011	01/26/2004	11/07/2011	04/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S862886
90449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	11/07/2011	01/26/2004	11/07/2011	03/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834605
90450	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	11/07/2011	01/26/2004	11/07/2011	06/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S834605
90452	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825024
90453	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825024
90454	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825024
90455	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825024
90457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842341
90458	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842341
90459	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/08/2011	01/26/2004	11/08/2011	02/18/2012		TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842341
90460	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842341
90462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	11/08/2011	01/26/2004	11/08/2011	03/10/2012		TRUE	FALSE	RPKGD was S802948 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 80634
90463	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	11/08/2011	01/26/2004	11/08/2011	05/17/2012		TRUE	FALSE	RPKGD was S802948 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 80634
90465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1987	11/08/2011	01/26/2004	11/08/2011	02/17/2012	VE	TRUE	FALSE	RPKGD was 53037 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 80696
90466	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1987	11/08/2011	01/26/2004	11/08/2011	03/23/2012	VE	TRUE	FALSE	RPKGD was 53037 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 80696
90468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	11/08/2011	01/26/2004	11/08/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816456
90469	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	11/08/2011	01/26/2004	11/08/2011	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816456
90471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/09/2011	01/26/2004	11/09/2011	03/28/2012		FALSE	TRUE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833895
90472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/09/2011	01/26/2004	11/09/2011	02/17/2012		FALSE	TRUE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833895
90473	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/09/2011	01/26/2004	11/09/2011	03/18/2012		FALSE	TRUE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S833895

90475	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/09/2011	01/26/2004	11/09/2011	01/18/2012		FALSE	TRUE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844199
90476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/09/2011	01/26/2004	11/09/2011	01/18/2012		FALSE	TRUE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844199
90477	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/09/2011	01/26/2004	11/09/2011	06/23/2012		FALSE	TRUE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844199
90479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/09/2011	01/26/2004	11/09/2011	01/18/2012		FALSE	TRUE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59166
90480	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/09/2011	01/26/2004	11/09/2011	03/16/2012		FALSE	TRUE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 59166
90482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	11/09/2011	01/26/2004	11/09/2011	02/17/2012		FALSE	TRUE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=WMC HOLD - Rpkgd Was 82340
90483	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	11/09/2011	01/26/2004	11/09/2011	03/23/2012		FALSE	TRUE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=WMC HOLD - Rpkgd Was 82340
90485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	11/09/2011	01/26/2004	11/09/2011	02/17/2012	VE	FALSE	TRUE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 82831
90486	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	11/09/2011	12/31/2001	11/09/2011	04/14/2012		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822955 AT BLDG 412
90487	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	11/09/2011	01/26/2004	11/09/2011	03/23/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 82831
90489	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	11/09/2011	01/26/2004	11/09/2011	03/10/2012		FALSE	TRUE	RPKGD was S846151 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 85368
90491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	11/10/2011	01/26/2004	11/10/2011	03/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824189 - Rpkgd Was 89191
90492	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	11/10/2011	01/26/2004	11/10/2011	05/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 89191
90494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	11/10/2011	01/26/2004	11/10/2011	01/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S794404
90495	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	11/10/2011	01/26/2004	11/10/2011	03/31/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S794404
90496	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	11/10/2011	01/26/2004	11/10/2011	03/31/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S794404
90498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/1990	11/10/2011	01/26/2004	11/10/2011	02/17/2012		TRUE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was 52993
90499	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/30/1990	11/10/2011	01/26/2004	11/10/2011	08/18/2012		TRUE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd Was 52993
90501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1990	11/10/2011	01/26/2004	11/10/2011	01/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52971
90502	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1990	11/10/2011	01/26/2004	11/10/2011	05/25/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52971
90504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/2008	11/10/2011	08/04/2008	11/10/2011	03/21/2012		TRUE	FALSE	(require overpacking) 0511 10 R0 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 64269
90508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	11/14/2011	01/26/2004	11/14/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824564
90509	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	11/14/2011	01/26/2004	11/14/2011	03/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824564
90511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	11/14/2011	01/26/2004	11/14/2011	03/29/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842556
90512	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	11/14/2011	01/26/2004	11/14/2011	03/10/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842556
90514	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	11/15/2011	01/26/2004	11/15/2011	03/15/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was,S794408
90518	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	11/15/2011	01/26/2004	11/15/2011	02/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S794408
90520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	11/16/2011	01/26/2004	11/16/2011	03/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S821204
90521	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	11/16/2011	01/26/2004	11/16/2011	06/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S821204
90523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	11/16/2011	01/26/2004	11/16/2011	06/25/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841830
90524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	11/16/2011	01/26/2004	11/16/2011	03/28/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841830
90525	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	11/16/2011	01/26/2004	11/16/2011	03/01/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S841830
90527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	11/16/2011	01/26/2004	11/16/2011	03/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824961
90528	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	11/16/2011	01/26/2004	11/16/2011	03/31/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824961
90530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1989	11/16/2011	01/26/2004	11/16/2011	02/17/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52143
90531	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1989	11/16/2011	01/26/2004	11/16/2011	02/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52143
90532	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/03/1989	11/16/2011	01/26/2004	11/16/2011	02/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 52143
90534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/16/2011	01/26/2004	11/16/2011	05/10/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845258
90535	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/16/2011	01/26/2004	11/16/2011	02/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845258
90537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/16/2011	01/26/2004	11/16/2011	03/31/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832563
90538	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/16/2011	01/26/2004	11/16/2011	03/31/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832563
90540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	11/17/2011	01/26/2004	11/17/2011	03/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825723
90541	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	11/17/2011	01/26/2004	11/17/2011	03/21/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825723
90543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/17/2011	01/26/2004	11/17/2011	03/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843563
90544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/17/2011	01/26/2004	11/17/2011	03/11/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843563
90545	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/17/2011	01/26/2004	11/17/2011	03/18/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843563

90547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		11/17/2011		11/17/2011	02/17/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= RPKGD was S832528
90548	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400		11/17/2011		11/17/2011	03/31/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D Hold Flag = RPKGD was S832528
90550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/21/2011	01/26/2004	11/21/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843607
90551	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/21/2011	01/26/2004	11/21/2011	03/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843607
90553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	11/21/2011	01/26/2004	11/21/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 60431 - Rpkgd Was 89448
90554	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	11/21/2011	01/26/2004	11/21/2011	02/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Into 89445 - Rpkgd Was 89448
90555	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	11/21/2011	01/26/2004	11/21/2011	03/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Into 89445 - Rpkgd Was 89448
90557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/21/2011	01/26/2004	11/21/2011	04/06/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842332
90558	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/21/2011	01/26/2004	11/21/2011	05/02/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842332
90560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/21/2011	01/26/2004	11/21/2011	02/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802661
90561	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/21/2011	01/26/2004	11/21/2011	03/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802661
90562	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/21/2011	01/26/2004	11/21/2011	02/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802661
90563	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/21/2011	01/26/2004	11/21/2011	03/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802661
90564	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/21/2011	01/26/2004	11/21/2011	03/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802661
90568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	11/22/2011	01/26/2004	11/22/2011	02/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803612
90567	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	11/22/2011	01/26/2004	11/22/2011	03/31/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803612
90568	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	11/22/2011	01/26/2004	11/22/2011	03/31/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803612
90570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	11/22/2011	01/26/2004	11/22/2011	03/28/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S844550
90573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2004	11/22/2011	01/26/2004	11/22/2011	03/10/2012		TRUE	FALSE	RPKGD was S824587 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 80614
90574	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2004	11/22/2011	01/26/2004	11/22/2011	03/31/2012		TRUE	FALSE	RPKGD was S824587 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - RPKGD WAS 80614
90575	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2004	11/22/2011	01/26/2004	11/22/2011	02/18/2012		TRUE	FALSE	RPKGD was S824587 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - RPKGD WAS 80614
90576	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/2004	11/22/2011	01/26/2004	11/22/2011	03/31/2012		TRUE	FALSE	RPKGD was S824587 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - RPKGD WAS 80614
90578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	11/22/2011	01/26/2004	11/22/2011	03/15/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842464
90579	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	11/22/2011	01/26/2004	11/22/2011	06/26/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S842464
90581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/28/2011	01/26/2004	11/28/2011	03/18/2012		FALSE	TRUE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843628
90582	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/28/2011	01/26/2004	11/28/2011	03/18/2012		FALSE	TRUE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S843628
90584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/29/2011	01/26/2004	11/29/2011	03/18/2012		FALSE	TRUE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846002
90585	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	11/29/2011	01/26/2004	11/29/2011	05/02/2012		FALSE	TRUE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S846002
90590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/11/1994	12/01/2011	01/26/2004	12/01/2011	03/29/2012		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S4795
90597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	12/06/2011	01/26/2004	12/06/2011	04/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S845023
90600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	12/07/2011	05/10/2005	12/07/2011	04/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 63366
90601	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	12/07/2011	05/10/2005	12/07/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 63366
90602	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/2005	12/07/2011	05/10/2005	12/07/2011	03/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 63366
90605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/07/2011	01/26/2004	12/07/2011	03/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD WAS 83911
90606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/07/2011	01/26/2004	12/07/2011	03/28/2012		TRUE	FALSE	Rpkgd Was 83911
90608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	12/08/2011	01/26/2004	12/08/2011	03/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794438
90609	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	12/08/2011	01/26/2004	12/08/2011	08/31/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794438
90610	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	12/08/2011	12/31/1999	12/08/2011	04/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851162 at BLDG 412
90611	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	12/08/2011	01/26/2004	12/08/2011	03/31/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794438
90613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	12/08/2011	01/26/2004	12/08/2011	03/07/2012		FALSE	TRUE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832556
90615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	12/08/2011	01/26/2004	12/08/2011	03/28/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832556
90618	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	12/08/2011	01/26/2004	12/08/2011	03/18/2012		TRUE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832556
90618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1995	12/09/2011		12/09/2011	04/03/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 55286
90619	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1995	12/09/2011		12/09/2011	03/23/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 55286
90620	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1995	12/09/2011		12/09/2011	03/31/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 55286
90621	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1995	12/09/2011		12/09/2011	03/23/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 55286

90623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2010	12/09/2011	09/23/2010	12/09/2011	03/07/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=SPM - Rpkgd was 65614
90624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2010	12/09/2011	09/23/2010	12/09/2011	03/21/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65614
90627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	12/09/2011	01/26/2004	12/09/2011	03/28/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 89384
90628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	12/09/2011	01/26/2004	12/09/2011	03/07/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 89384
90629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	12/09/2011	01/26/2004	12/09/2011	05/01/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 89384
90631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	12/09/2011	01/26/2004	12/09/2011	04/06/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823211
90632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	12/09/2011	01/26/2004	12/09/2011	05/08/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823211
90633	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	12/09/2011	01/26/2004	12/09/2011	03/31/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823211
90635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/1992	12/09/2011	05/08/2008	12/09/2011	03/29/2012		TRUE	FALSE	RPKGD was S4787 --- P_MT42=MT 42, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= -Rpkgd was 83618
90636	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/1992	12/09/2011	05/08/2008	12/09/2011	03/21/2012		TRUE	FALSE	RPKGD was S4787 --- P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=-Rpkgd was 83618
90638	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/24/1992	12/09/2011	05/08/2008	12/09/2011	03/18/2012		TRUE	FALSE	RPKGD was S4787 P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= -Rpkgd was 83618
90640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	12/12/2011	01/26/2004	12/12/2011	04/08/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824247
90641	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	12/12/2011	01/26/2004	12/12/2011	06/14/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 90640 - Rpkgd was S824247
90646	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	12/13/2011	01/26/2004	12/13/2011	03/29/2012		TRUE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842486
90647	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	04/19/2012	12/31/1999	04/19/2012	08/22/2012		FALSE	FALSE	Pu-240>15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865187
90648	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	12/13/2011	12/31/1999	12/13/2011	04/14/2012		FALSE	FALSE	Pu-240>15% --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865187
90649	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	12/13/2011	01/26/2004	12/13/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842486
90650	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	12/13/2011	01/26/2004	12/13/2011	05/02/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842486
90651	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	12/13/2011	01/26/2004	12/13/2011	05/02/2012		TRUE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S842486
90653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	12/13/2011	01/26/2004	12/13/2011	03/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846175
90654	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	12/13/2011	01/26/2004	12/13/2011	06/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846175
90655	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	12/13/2011	01/26/2004	12/13/2011	05/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846175
90657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/14/2011	01/26/2004	12/14/2011	05/10/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843874
90658	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/14/2011	01/26/2004	12/14/2011	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843874
90659	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/14/2011	01/26/2004	12/14/2011	05/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843874
90661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	12/14/2011	01/26/2004	12/14/2011	04/14/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860181
90663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	12/14/2011	01/26/2004	12/14/2011	04/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816854
90664	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	12/14/2011	01/26/2004	12/14/2011	06/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816854
90666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/14/2011	12/31/1999	12/14/2011	05/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S863629
90668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	12/15/2011	01/26/2004	12/15/2011	05/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852999
90669	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	12/15/2011	01/26/2004	12/15/2011	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852999
90671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/15/2011	01/26/2004	12/15/2011	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863796
90672	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/15/2011	01/26/2004	12/15/2011	05/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863796
90674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1991	12/15/2011	01/26/2004	12/15/2011	04/26/2012		TRUE	FALSE	RPKGD was S4439 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 80894
90675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1991	12/15/2011	01/26/2004	12/15/2011	04/06/2012		TRUE	FALSE	RPKGD was S4439 --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 80894
90678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	12/15/2011	01/26/2004	12/15/2011	04/29/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833353
90679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	12/15/2011	01/26/2004	12/15/2011	04/25/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833353
90680	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	12/15/2011	01/26/2004	12/15/2011	03/18/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833353
90683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	12/20/2011	01/26/2004	12/20/2011	04/26/2012		TRUE	FALSE	P_MT42=Yes Pu-242>1%, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816883
90684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	12/20/2011	01/26/2004	12/20/2011	04/06/2012		TRUE	FALSE	P_MT42=Yes Pu-242>1%, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816883
90685	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	12/20/2011	01/26/2004	12/20/2011	04/06/2012		TRUE	FALSE	P_MT42=Yes Pu-242>1% , MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816883
90686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	12/20/2011	01/26/2004	12/20/2011	05/01/2012		TRUE	FALSE	P_MT42=Yes Pu242>1%, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816883
90687	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	12/20/2011	01/26/2004	12/20/2011	03/23/2012		TRUE	FALSE	P_MT42=Pu242>1%, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816883
90689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1990	12/20/2011	01/26/2004	12/20/2011	05/08/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52929
90690	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	12/20/2011	12/31/1999	12/20/2011	05/20/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851244 AT BLDG 412
90692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1990	12/20/2011	01/26/2004	12/20/2011	05/01/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52929

90693	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/08/1990	12/20/2011	01/26/2004	12/20/2011	03/18/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52929
90695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	12/21/2011	12/31/1999	12/21/2011	05/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S871919
90696	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	12/21/2011	12/31/1999	12/21/2011	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S871919
90698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1989	12/21/2011		12/21/2011	04/21/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 52133
90699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1989	12/21/2011		12/21/2011	04/29/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 52133
90700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1989	12/21/2011		12/21/2011	05/01/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 52133
90703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	01/03/2012	12/31/2001	01/03/2012	12/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824949
90712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	01/04/2012	12/31/2001	01/04/2012	01/12/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S832340
90715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	01/05/2012	12/31/2001	01/05/2012	01/16/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824551
90716	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	01/04/2012	12/31/2001	01/04/2012	04/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822528 AT BLDG 412
90717	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	01/04/2012	12/31/2001	01/04/2012	04/14/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822528 AT BLDG 412
90730	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/09/2012	12/31/2001	01/09/2012	04/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= RPKGD was S833894
90731	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/09/2012	12/31/2001	01/09/2012	03/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S822894
90733	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	01/09/2012	12/31/1999	01/09/2012	05/25/2012		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851245 AT 412
90734	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	01/09/2012	12/31/1999	01/09/2012	05/08/2012		FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851245 AT 412
90736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/09/2012	12/31/2001	01/09/2012	09/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S822938
90737	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/09/2012	12/31/2001	01/09/2012	03/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S822938
90739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	01/10/2012	12/31/2001	01/10/2012	01/09/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S824700
90744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	01/10/2012	12/31/2001	01/10/2012	08/03/2012		TRUE	FALSE	A28 CNS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823243
90745	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	01/10/2012	12/31/2001	01/10/2012	03/23/2012		TRUE	FALSE	A28 CNS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S823243
90749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	01/11/2012	12/18/2002	01/11/2012	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 60417
90750	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	01/11/2012	12/18/2002	01/11/2012	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 60417
90752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	01/11/2012	12/31/2001	01/11/2012	07/02/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825639
90753	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	01/11/2012	01/26/2004	01/11/2012	04/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811679 AT BLDG 412
90754	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	01/11/2012	01/26/2004	01/11/2012	05/04/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811679 at BLDG 412
90782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	01/12/2012	01/26/2004	01/12/2012	05/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824433
90783	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	01/12/2012	01/26/2004	01/12/2012	04/29/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824433
90765	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	01/17/2012	12/31/1999	01/17/2012	04/17/2012	VE	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860134
90766	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	01/17/2012	12/31/1999	01/17/2012	04/21/2012	VE	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860134 AT BDLG 412
90767	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	05/04/2012	12/31/1999	05/04/2012	07/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865188 AT BLDG 412
90768	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	05/03/2012	12/31/1999	05/03/2012	11/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865188 AT BLDG 412
90769	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	01/23/2012	12/31/1999	01/23/2012	05/03/2012		FALSE	FALSE	Pu-240>15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851184
90770	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	01/23/2012	12/31/1999	01/23/2012	04/14/2012		FALSE	FALSE	Pu-240>15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851184
90771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2011	01/25/2012	04/12/2011	01/25/2012	04/27/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 66062
90775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2011	01/25/2012	04/12/2011	01/25/2012	04/17/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 66062
90776	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2011	01/25/2012	04/12/2011	01/25/2012	06/18/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=RPKGD was 66062
90778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2004	01/25/2012	03/17/2004	01/25/2012	04/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 62615
90779	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2004	01/25/2012	03/17/2004	01/25/2012	06/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 62615
90781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011	01/25/2012	01/12/2011	01/25/2012	03/29/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65939
90782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011	01/25/2012	01/12/2011	01/25/2012	03/29/2012		TRUE	FALSE	REQUIRE OVERPACKING P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65939
90785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/26/2012	01/26/2004	01/26/2012	04/29/2012		TRUE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846159
90786	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/26/2012	01/26/2004	01/26/2012	04/08/2012		TRUE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846159
90787	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/26/2012	01/26/2004	01/26/2012	05/02/2012		TRUE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846159
90788	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/26/2012	01/26/2004	01/26/2012	05/02/2012		TRUE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846159
90790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/26/2012	01/26/2004	01/26/2012	04/27/2012	VE	TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833848
90791	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/26/2012	01/26/2004	01/26/2012	06/18/2012	VE	TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833848

90795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2003	01/26/2012	12/14/2006	01/26/2012	04/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61740
90796	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/2003	01/26/2012	12/14/2006	01/26/2012	07/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61740
90798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	01/26/2012	01/26/2004	01/26/2012	07/06/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 89483 - Rpkgd was 89484
90799	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	01/26/2012	01/26/2004	01/26/2012	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 89483 - Rpkgd was 89484
90801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	01/27/2012	12/31/2001	01/27/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S822838
90814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	01/30/2012	12/31/2001	01/30/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832448
90815	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	04/30/2012	12/31/1999	04/30/2012	07/07/2012		FALSE	FALSE	Pu-240>15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852048 AT BLDG 412
90816	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	05/25/2012	12/31/1999	05/25/2012	08/02/2012		FALSE	FALSE	Pu-240>15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852048 AT BLDG 412
90825	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	02/01/2012	12/31/1999	02/01/2012	05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851247 AT BLDG 412
90826	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	02/01/2012	12/31/1999	02/01/2012	04/22/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851247 AT BLDG 412
90827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	01/31/2012	01/26/2004	01/31/2012	04/13/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824820
90830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	01/31/2012	12/31/2001	01/31/2012	05/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S843823
90832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2003	02/01/2012	12/14/2006	02/01/2012	04/14/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61728
90833	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2003	02/01/2012	12/14/2006	02/01/2012	03/23/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61728
90835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	02/01/2012	12/31/2001	02/01/2012	07/02/2013		TRUE	FALSE	P_MT42=MT 42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832156
90840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	02/02/2012	12/31/2001	02/02/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S832040
90845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	02/02/2012	12/31/2001	02/02/2012	12/09/2012		TRUE	FALSE	P_MT42=MT 42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S832149
90848	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	02/02/2012	01/26/2004	02/02/2012	04/19/2012	VE	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811774 AT BLDG 412
90847	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	02/02/2012	01/26/2004	02/02/2012	04/21/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811774 AT BLDG 412
90873	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	02/08/2012	01/26/2004	02/08/2012	05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811900 AT BLDG 412
90874	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	02/08/2012	01/26/2004	02/08/2012	05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811900 AT BLDG 412
90902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/10/2012	12/31/1999	02/10/2012	09/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862959
90904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	02/10/2012	12/31/1999	02/10/2012	05/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863630
90905	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	02/10/2012	12/31/1999	02/10/2012	07/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S863630
90907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/10/2012	01/26/2004	02/10/2012	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851711
90908	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/10/2012	01/26/2004	02/10/2012	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851711
90910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1989	02/10/2012	01/26/2004	02/10/2012	04/25/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S902265
90912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1988	02/10/2012	01/26/2004	02/10/2012	05/01/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S892984
90914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	02/13/2012	01/26/2004	02/13/2012	04/25/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870235
90916	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	02/13/2012	12/31/1999	02/13/2012	04/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S883074
90917	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	02/13/2012	12/31/1999	02/13/2012	11/03/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863074
90919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/13/2012	12/31/1999	02/13/2012	05/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853288
90922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	02/13/2012	12/31/1999	02/13/2012	05/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S863708
90923	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	02/13/2012	12/31/1999	02/13/2012	11/03/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863708
90948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/16/2012	01/26/2004	02/16/2012	05/19/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846029
90949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	02/16/2012	01/26/2004	02/16/2012	05/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822802
90951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/16/2012	01/26/2004	02/16/2012	05/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823159
90959	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	05/30/2012	12/31/1999	05/30/2012	09/15/2012	Replaced Lid Gasket	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851163 AT BLDG 412
90960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	02/22/2012	01/26/2004	02/22/2012	05/19/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824065
90967	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	02/23/2012	12/31/1999	02/23/2012	05/20/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851163 AT BLDG 412
90980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	02/23/2012	01/26/2004	02/23/2012	05/28/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843821
90981	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	02/23/2012	01/26/2004	02/23/2012	05/02/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843821
90983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	02/24/2012	01/26/2004	02/24/2012	11/01/2013		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844619
90984	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	02/24/2012	01/26/2004	02/24/2012	05/02/2012		TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844619
90994	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1994	02/27/2012	03/19/2008	02/27/2012	05/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 55503 at BLDG 412

90999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	02/28/2012	12/31/1999	02/28/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S881562
91008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1988	02/28/2012	12/31/1999	02/28/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S881563
91014	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	02/28/2012	12/31/1999	02/28/2012	09/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851168
91015	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	05/23/2012	12/31/1999	05/23/2012	07/29/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851168
91022	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	03/06/2012	12/31/1999	03/06/2012	08/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851172 AT BLDG 412
91023	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	05/31/2012	12/31/1999	05/31/2012	09/08/2012	Replaced Lid Gasket	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851172 at BLDG 412
91024	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1994	03/08/2012	03/19/2008	03/08/2012	05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S5502 AT BLDG 412
91025	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1994	03/08/2012	03/19/2008	03/08/2012	07/03/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S5502 AT BLDG 412
91026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	03/12/2012	01/26/2004	03/12/2012	05/19/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825636
91027	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	04/12/2012	12/31/2001	04/12/2012	10/03/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811697 AT BLDG 412
91028	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	03/12/2012	12/31/2001	03/12/2012	08/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811697 AT BLDG 412
91029	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	03/12/2012	01/26/2004	03/12/2012	05/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825636
91031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	03/12/2012	12/31/2001	03/12/2012	05/25/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S851708
91033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	03/12/2012	01/26/2004	03/12/2012	05/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846669
91034	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	03/12/2012	01/26/2004	03/12/2012	05/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846669
91036	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1996	03/12/2012	01/26/2004	03/12/2012	05/18/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 55472
91037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1996	03/12/2012	01/26/2004	03/12/2012	05/18/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 55472
91038	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1996	03/12/2012	01/26/2004	03/12/2012	04/29/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 55472
91040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	03/13/2012	01/26/2004	03/13/2012	07/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822712
91044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/13/2012	01/26/2004	03/13/2012	05/30/2012	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822548
91045	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	03/14/2012	12/31/2001	03/14/2012	05/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822954 at BLDG 412
91046	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/13/2012	01/26/2004	03/13/2012	05/02/2012	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822548
91048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2005	03/13/2012	04/18/2005	03/13/2012	05/25/2012		TRUE	FALSE	RPKGD was 83329 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd was 83479
91049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2005	03/13/2012	04/18/2005	03/13/2012	05/18/2012		TRUE	FALSE	RPKGD was 83329 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 83479
91050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2005	03/13/2012	04/18/2005	03/13/2012	06/24/2012		TRUE	FALSE	RPKGD was 83329 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 83479
91052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2010	03/13/2012	02/25/2010	03/13/2012	08/03/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A Rpkgd was 65078
91053	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2010	03/13/2012	02/25/2010	03/13/2012	05/30/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A Rpkgd was 65078
91054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2010	03/13/2012	02/25/2010	03/13/2012	05/24/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65078
91055	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/25/2010	03/13/2012	02/25/2010	03/13/2012	05/17/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd was 65078
91058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1991	03/14/2012	01/26/2004	03/14/2012	06/24/2012		TRUE	FALSE	RPKGD was 54955 — P_MT42=MT42,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86586
91059	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1991	03/14/2012	01/26/2004	03/14/2012	06/18/2012		TRUE	FALSE	RPKGD was 54955 — P_MT42=MT42,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86586
91062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1991	03/14/2012	01/26/2004	03/14/2012	06/08/2012		TRUE	FALSE	RPKGD was 54995 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 83536
91063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1991	03/14/2012	01/26/2004	03/14/2012	06/10/2012		TRUE	FALSE	RPKGD was 54995 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 83536
91064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1991	03/14/2012	01/26/2004	03/14/2012	06/28/2012		TRUE	FALSE	RPKGD was 54995 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 83536
91068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1991	03/14/2012	01/26/2004	03/14/2012	07/08/2012		TRUE	FALSE	RPKGD was 54995 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 83536
91068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2003	03/14/2012	07/18/2003	03/14/2012	05/31/2012		TRUE	FALSE	Pu-240>15% — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 61270
91071	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2010	03/14/2012	09/23/2010	03/14/2012	05/25/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= RPKGD was 90625
91072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2010	03/14/2012	09/23/2010	03/14/2012	05/31/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 90625
91073	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2010	03/14/2012	09/23/2010	03/14/2012	04/29/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 90625
91074	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/2010	03/14/2012	09/23/2010	03/14/2012	04/29/2012		TRUE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 90625
91076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/14/2012	01/26/2004	03/14/2012	05/31/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90598
91077	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/14/2012	01/26/2004	03/14/2012	04/29/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90598
91078	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/14/2012	01/26/2004	03/14/2012	05/02/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90598
91080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	03/14/2012		03/14/2012	06/08/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd into 90592 - Rpkgd into 90593 - Rpkgd was 90594
91081	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	03/14/2012		03/14/2012	05/02/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd into 90592 - Rpkgd into 90593 - Rpkgd was 90594

91082	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	03/14/2012		03/14/2012	05/02/2012		TRUE	FALSE	QTW2306 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd into 90592 - Rpkgd into 90593 - Rpkgd was 90594
91084	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	03/20/2012	12/31/2001	03/20/2012	08/27/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822954 at BLDG 412
91091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	03/15/2012	01/26/2004	03/15/2012	05/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 59271
91095	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2004	03/15/2012	07/31/2006	03/15/2012	08/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 61939
91097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	03/15/2012	01/26/2004	03/15/2012	08/24/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802802
91099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/10/2003	03/16/2012	07/31/2006	03/16/2012	05/30/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 60825
91101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2007	03/16/2012	07/25/2007	03/16/2012	08/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 63142
91107	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	03/16/2012	01/26/2004	03/16/2012	08/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816423
91109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	03/16/2012	01/26/2004	03/16/2012	05/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851720
91112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1989	03/21/2012	01/26/2004	03/21/2012	05/30/2012		TRUE	FALSE	— P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52415
91113	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1989	03/21/2012	01/26/2004	03/21/2012	05/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52415
91114	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1989	03/21/2012	01/26/2004	03/21/2012	05/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52415
91115	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1989	03/21/2012	01/26/2004	03/21/2012	05/20/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52415
91116	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1989	03/21/2012	01/26/2004	03/21/2012	05/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52415
91118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/21/2012	01/26/2004	03/21/2012	08/14/2012		TRUE	FALSE	RPKGD was S835374 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 83911 - Rpkgd was 90604
91119	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	04/24/2012	12/31/1999	04/24/2012	07/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865189 AT BLDG 412
91120	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	03/22/2012	12/31/1999	03/22/2012	08/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865189 AT BLDG 412
91121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/21/2012	01/26/2004	03/21/2012	08/28/2012		TRUE	FALSE	RPKGD was S835374 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 83911 - Rpkgd was 90604
91123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	03/21/2012	01/26/2004	03/21/2012	08/25/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824167
91124	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	03/21/2012	01/26/2004	03/21/2012	05/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824167
91126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	03/21/2012	01/26/2004	03/21/2012	06/24/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851872
91127	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	03/21/2012	01/26/2004	03/21/2012	05/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851872
91128	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	03/21/2012	01/26/2004	03/21/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851872
91130	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	03/22/2012	01/26/2004	03/22/2012	07/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833501
91131	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	03/22/2012	01/26/2004	03/22/2012	05/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833501
91133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/22/2012	01/26/2004	03/22/2012	09/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843567
91134	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/22/2012	01/26/2004	03/22/2012	05/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843567
91138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	03/22/2012	12/31/2001	03/22/2012	07/19/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S802681
91137	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	03/22/2012	12/31/2001	03/22/2012	05/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S802681
91138	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	03/22/2012	12/31/2001	03/22/2012	05/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S802681
91140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	03/22/2012	01/26/2004	03/22/2012	05/31/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811690
91144	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	03/22/2012	01/26/2004	03/22/2012	06/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 59115
91145	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	03/22/2012	01/26/2004	03/22/2012	05/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 59115
91146	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	03/22/2012	01/26/2004	03/22/2012	08/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 59115
91148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	03/26/2012	01/26/2004	03/26/2012	09/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S821202
91151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/26/2012	01/26/2004	03/26/2012	08/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833300
91152	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	03/27/2012	12/31/2001	03/27/2012	08/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822526
91153	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	03/27/2012	12/31/2001	03/27/2012	08/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822526
91154	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/26/2012	01/26/2004	03/26/2012	05/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833300
91156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	03/27/2012	01/26/2004	03/27/2012	07/29/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833100
91157	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	03/27/2012	01/26/2004	03/27/2012	05/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833100
91159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	03/27/2012	01/26/2004	03/27/2012	08/23/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S841336
91160	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	03/27/2012	01/26/2004	03/27/2012	05/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S841336
91162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	03/27/2012	01/26/2004	03/27/2012	08/23/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846158
91165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	03/27/2012	01/26/2004	03/27/2012	08/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833542

91167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	03/27/2012	01/26/2004	03/27/2012	07/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844239
91168	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	03/27/2012	01/26/2004	03/27/2012	08/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844239
91170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/27/2012	01/26/2004	03/27/2012	06/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822545
91172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/27/2012	01/26/2004	03/27/2012	06/23/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S835347
91173	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/27/2012	01/26/2004	03/27/2012	05/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S835347
91175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/27/2012	01/26/2004	03/27/2012	05/30/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843633
91176	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/27/2012	01/26/2004	03/27/2012	06/18/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843633
91178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005	03/28/2012	07/31/2006	03/28/2012	06/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 63372
91179	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/2005	03/28/2012	07/31/2006	03/28/2012	06/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 63372
91181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	03/28/2012	01/26/2004	03/28/2012	06/23/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844374
91182	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	03/28/2012	01/26/2004	03/28/2012	05/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844374
91184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/2004	03/28/2012	01/26/2004	03/28/2012	09/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61970
91186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	03/28/2012	01/26/2004	03/28/2012	06/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842400
91187	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	03/28/2012	01/26/2004	03/28/2012	05/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842400
91189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1989	03/28/2012	01/26/2004	03/28/2012	06/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52110
91190	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1989	03/28/2012	01/26/2004	03/28/2012	07/07/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52110
91192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/28/2012		03/28/2012	06/23/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S813307
91193	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/28/2012		03/28/2012	06/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S813307
91195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	03/28/2012		03/28/2012	07/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= Rpkgd was 57556
91197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	03/29/2012	01/26/2004	03/29/2012	06/24/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825004
91200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	03/29/2012	01/26/2004	03/29/2012	06/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824213
91201	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	03/29/2012	01/26/2004	03/29/2012	06/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824213
91203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	03/29/2012	01/26/2004	03/29/2012	06/24/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833028
91204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	03/29/2012	01/26/2004	03/29/2012	06/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833028
91206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	03/29/2012	01/26/2004	03/29/2012	07/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832217
91209	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	03/29/2012	01/26/2004	03/29/2012	06/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832217
91211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	03/29/2012	01/26/2004	03/29/2012	06/10/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824955
91212	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	04/02/2012	12/31/2001	04/02/2012	06/07/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822960 AT BLDG 412
91213	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	05/01/2012	12/31/2001	05/01/2012	08/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822960 AT BLDG 412
91216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	03/29/2012	01/26/2004	03/29/2012	06/28/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832224
91218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/1989	03/30/2012	01/26/2004	03/30/2012	06/28/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52115
91219	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/1989	03/30/2012	01/26/2004	03/30/2012	07/03/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52115
91221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	03/30/2012	01/26/2004	03/30/2012	06/19/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832408
91222	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	03/30/2012	01/26/2004	03/30/2012	05/20/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832408
91224	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	03/30/2012	01/26/2004	03/30/2012	06/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 60937
91229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	04/09/2012	01/26/2004	04/09/2012	08/31/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825917
91230	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	04/09/2012	01/26/2004	04/09/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825917
91232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1989	04/09/2012	01/26/2004	04/09/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52571
91233	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1989	04/09/2012	01/26/2004	04/09/2012	08/16/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52571
91235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/17/2010	04/09/2012	11/17/2010	04/09/2012	07/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65679
91239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	04/09/2012	01/26/2004	04/09/2012	08/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824514
91240	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	04/09/2012	01/26/2004	04/09/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824514
91248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	04/10/2012	01/26/2004	04/10/2012	06/26/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S833279 (Parent was over FGE Limits)
91249	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	04/10/2012	01/26/2004	04/10/2012	06/16/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833279 (Parent over FGE Limits)
91250	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	04/10/2012	01/26/2004	04/10/2012	06/16/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S833279 (Parent over FGE Limits)

91252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2002	04/10/2012	12/05/2002	04/10/2012	07/01/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd was 60142
91255	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2002	04/10/2012	12/05/2002	04/10/2012	07/14/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 60142
91257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	04/10/2012		04/10/2012	11/10/2013		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate HOLD_FLAG= - Rpkgd was 90592
91258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	04/10/2012		04/10/2012	07/08/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate HOLD_FLAG= - Rpkgd was 90592
91259	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	04/10/2012		04/10/2012	08/16/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate HOLD_FLAG= - Rpkgd was 90592
91261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1989	04/11/2012		04/11/2012	07/05/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 90701
91262	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1989	04/11/2012		04/11/2012	08/16/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= – Rpkgd was 90701
91263	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1989	04/11/2012		04/11/2012	08/16/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 90701 .
91265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011	04/11/2012	01/12/2011	04/11/2012	07/01/2012		TRUE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 90783
91266	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011	04/11/2012	01/12/2011	04/11/2012	07/15/2012		TRUE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 90783
91267	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/12/2011	04/11/2012	01/12/2011	04/11/2012	07/15/2012		TRUE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 90783
91269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	04/11/2012		04/11/2012	11/15/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= Rpkgd was 90593
91270	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	04/11/2012		04/11/2012	08/16/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_VentdateHOLD_FLAG= - Rpkgd was 90593
91271	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	04/11/2012		04/11/2012	08/30/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= -Rpkgd was 90593
91272	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1990	04/11/2012		04/11/2012	08/16/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 90593
91274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/13/2004	04/11/2012	02/13/2004	04/11/2012	07/01/2012		TRUE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 59683
91276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/23/2006	04/11/2012	12/14/2006	04/11/2012	08/27/2012	VE	TRUE	FALSE	RPKGD was 82599 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 87682
91278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2003	04/11/2012	09/09/2003	04/11/2012	08/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 61739
91279	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/2003	04/11/2012	09/09/2003	04/11/2012	08/16/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 61739
91283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	04/11/2012	01/26/2004	04/11/2012	07/05/2012		TRUE	FALSE	RPKGD was S846177 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D - Rpkgd was 87274
91285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	04/12/2012	01/26/2004	04/12/2012	07/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832236
91286	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	04/12/2012	01/26/2004	04/12/2012	08/16/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832236
91288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/12/2012	01/26/2004	04/12/2012	08/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844161
91291	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1990	04/12/2012	01/26/2004	04/12/2012	07/21/2012		TRUE	FALSE	Np-237, MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 57876 Rpkgd was 60191
91298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1990	04/13/2012	01/26/2004	04/13/2012	07/01/2012		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S911821
91297	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/25/1990	04/13/2012	01/26/2004	04/13/2012	08/16/2012		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S911821
91299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/16/2012	01/26/2004	04/16/2012	07/05/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855675
91300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/16/2012	01/26/2004	04/16/2012	08/18/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855675
91302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1997	04/16/2012	09/23/1997	04/16/2012	07/05/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 56663
91303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1997	04/16/2012	09/23/1997	04/16/2012	07/05/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=Rpkgd was 56663
91304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1997	04/16/2012	09/23/1997	04/16/2012	08/22/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 56663
91306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1997	04/17/2012	05/08/2008	04/17/2012	07/10/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd was 56347
91307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/12/1997	04/17/2012	05/08/2008	04/17/2012	07/05/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 56347
91309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/1997	04/17/2012	09/08/1997	04/17/2012	07/05/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd was 56675
91315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/1997	04/17/2012	09/08/1997	04/17/2012	07/10/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 56675
91316	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/08/1997	04/17/2012	09/08/1997	04/17/2012	07/10/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 56675
91318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997	04/18/2012	09/02/1997	04/18/2012	07/05/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 56651
91319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997	04/18/2012	09/02/1997	04/18/2012	07/01/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=- Rpkgd was 56651
91320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997	04/18/2012	09/02/1997	04/18/2012	07/03/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 56651
91322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1997	04/18/2012	09/02/1997	04/18/2012	08/28/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG=Rpkgd was 56651
91324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	04/19/2012	01/26/2004	04/19/2012	07/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846076
91325	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	04/19/2012	01/26/2004	04/19/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846076
91327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007	04/19/2012	08/22/2007	04/19/2012	08/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 63831
91328	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/22/2007	04/19/2012	08/22/2007	04/19/2012	07/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 63831
91330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	04/23/2012	01/26/2004	04/23/2012	07/07/2012		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844661
91332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	04/24/2012	01/26/2004	04/24/2012	08/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844301

91333	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	04/24/2012	01/26/2004	04/24/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844301
91335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	04/24/2012	01/26/2004	04/24/2012	07/05/2012		TRUE	FALSE	RPKGD was S803014 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 85012
91337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/24/2012	01/26/2004	04/24/2012	07/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842507
91338	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	04/24/2012	01/26/2004	04/24/2012	07/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842507
91340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	04/24/2012	01/26/2004	04/24/2012	07/01/2012		TRUE	FALSE	RPKGD was S841294 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 85793
91342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	04/24/2012	01/26/2004	04/24/2012	07/10/2012		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864183
91346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	04/25/2012	01/26/2004	04/25/2012	06/26/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802780
91348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	04/25/2012	01/26/2004	04/25/2012	07/01/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802780
91350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	04/25/2012	01/26/2004	04/25/2012	06/27/2012		TRUE	FALSE	RPKGD was S832234 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86309
91351	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	04/25/2012	01/26/2004	04/25/2012	07/21/2012		TRUE	FALSE	RPKGD was S832234 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86309
91355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	04/25/2012	01/26/2004	04/25/2012	07/07/2012		TRUE	FALSE	RPKGD was S852696 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86661
91357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/25/2012	12/31/2001	04/25/2012	07/03/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S793747
91358	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/25/2012	12/31/2001	04/25/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S793747
91359	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/25/2012	12/31/2001	04/25/2012	12/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S793747
91382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	04/26/2012	01/26/2004	04/26/2012	07/10/2012		TRUE	FALSE	RPKGD was S851552 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86804
91384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/26/2012	01/26/2004	04/26/2012	06/28/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794452
91385	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/26/2012	01/26/2004	04/26/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794452
91386	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/26/2012	01/26/2004	04/26/2012	10/24/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794452
91388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/26/2012	01/26/2004	04/26/2012	07/10/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794410
91389	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/26/2012	01/26/2004	04/26/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794410
91370	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/26/2012	01/26/2004	04/26/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794410
91371	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/26/2012	01/26/2004	04/26/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794410
91373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	04/26/2012	01/26/2004	04/26/2012	07/08/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842428
91374	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	04/26/2012	01/26/2004	04/26/2012	10/26/2012		TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842428
91376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/27/2012	01/26/2004	04/27/2012	07/03/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794409
91377	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	04/27/2012	01/26/2004	04/27/2012	08/30/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794409
91381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/2008	04/27/2012	12/01/2008	04/27/2012	07/03/2012		TRUE	FALSE	RPKGD was 84918 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 88028
91385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	05/01/2012	01/26/2004	05/01/2012	07/26/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S833102
91388	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	05/01/2012	01/26/2004	05/01/2012	07/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S833102
91390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	05/01/2012	01/26/2004	05/01/2012	07/21/2012		TRUE	FALSE	RPKGD was S851833 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 88379
91392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/01/2012	01/26/2004	05/01/2012	08/03/2013		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846000
91394	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/01/2012	01/26/2004	05/01/2012	07/03/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843622
91395	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/01/2012	01/26/2004	05/01/2012	10/13/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843622
91397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	05/02/2012	01/26/2004	05/02/2012	12/02/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832188
91398	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	05/02/2012	01/26/2004	05/02/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832188
91400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	05/02/2012	12/31/2001	05/02/2012	01/16/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832154
91413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	05/03/2012	12/31/2001	05/03/2012	12/04/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832473
91419	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	05/03/2012	12/31/2001	05/03/2012	03/17/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832178
91432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/04/2012	12/18/2002	05/04/2012	07/10/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 60418
91434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/04/2012	01/26/2004	05/04/2012	07/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61160
91435	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/04/2012	01/26/2004	05/04/2012	07/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 61160
91437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1995	05/04/2012	10/21/2011	05/04/2012	07/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 55668
91439	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1995	05/04/2012	10/21/2011	05/04/2012	07/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 55668
91441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/21/1990	05/07/2012	01/26/2004	05/07/2012	07/10/2012		TRUE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90389
91446	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	05/07/2012	01/26/2004	05/07/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853829
91448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	05/07/2012	01/26/2004	05/07/2012	07/10/2012		TRUE	FALSE	RPKGD was S848091 412 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 87239

91450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003	05/07/2012	07/31/2006	05/07/2012	07/07/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 60111
91451	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/2003	05/07/2012	07/31/2006	05/07/2012	07/15/2012	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 60111
91455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/08/2012	01/26/2004	05/08/2012	07/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846189
91458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	05/08/2012	12/31/2001	05/08/2012	08/24/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832502
91483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	05/08/2012	12/31/2001	05/08/2012	07/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824659
91466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/09/2012	01/26/2004	05/09/2012	07/06/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846182
91467	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/09/2012	01/26/2004	05/09/2012	08/30/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846182
91469	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/15/2010	05/09/2012	11/15/2010	05/09/2012	07/10/2012		TRUE	FALSE	MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A - Rpkgd was 65825
91477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/2002	05/09/2012	10/10/2002	05/09/2012	07/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 60830
91481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/09/2012	01/26/2004	05/09/2012	08/31/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851773
91482	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/09/2012	01/26/2004	05/09/2012	07/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851773
91490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	05/10/2012	01/26/2004	05/10/2012	08/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825696
91493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1990	05/10/2012	01/26/2004	05/10/2012	08/24/2012		TRUE	FALSE	RPKGD was S902109 Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 88299
91495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/25/1991	05/10/2012	01/26/2004	05/10/2012	07/07/2012		TRUE	FALSE	RPKGD was 54955 — P_MT42=MT42,MT_83=No ,MT_83_REPORTED > 50%=No , Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91057
91511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/22/1990	05/14/2012	01/26/2004	05/14/2012	07/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52094
91514	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1991	05/15/2012	01/26/2004	05/15/2012	08/03/2012		TRUE	FALSE	RPKGD was 54995 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd into 91062 - Rpkgd into 91063 - Rpkgd into 91064 - Rpkgd was 91065
91515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1991	05/15/2012	01/26/2004	05/15/2012	07/26/2012		TRUE	FALSE	RPKGD was 54995 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91065
91519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1996	05/15/2012		05/15/2012	07/25/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 56219
91520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/20/1996	05/15/2012		05/15/2012	07/26/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 56219
91522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	05/15/2012	01/26/2004	05/15/2012	07/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794422
91523	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	05/15/2012	01/26/2004	05/15/2012	07/15/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S794422
91525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/15/2012	01/26/2004	05/15/2012	07/19/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824430
91526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/15/2012	01/26/2004	05/15/2012	07/19/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824430
91527	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/15/2012	01/26/2004	05/15/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824430
91529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	05/15/2012	01/26/2004	05/15/2012	07/25/2012		TRUE	FALSE	RPKGD was S816795 231 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 84689
91539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/23/2009	05/16/2012	06/23/2009	05/16/2012	07/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 64334
91541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/16/2012	01/26/2004	05/16/2012	08/31/2012		TRUE	FALSE	QTW2308 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824626
91542	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/16/2012	01/26/2004	05/16/2012	09/29/2012		TRUE	FALSE	QTW2308 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824626
91544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	05/16/2012	01/26/2004	05/16/2012	08/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833407
91548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2002	05/17/2012	06/25/2002	05/17/2012	07/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd into 89098 - Rpkgd was 89099
91550	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/25/2002	05/17/2012	06/25/2002	05/17/2012	08/30/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd into 89098 - Rpkgd was 89099
91552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	05/17/2012		05/17/2012	07/25/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 89501
91556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	05/17/2012	01/26/2004	05/17/2012	08/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 89637
91557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	05/17/2012	01/26/2004	05/17/2012	08/18/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 89637
91568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/18/2012	01/26/2004	05/18/2012	08/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824236
91569	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/18/2012	01/26/2004	05/18/2012	07/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824236
91573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1990	05/18/2012		05/18/2012	07/15/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 90158
91575	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1990	05/18/2012		05/18/2012	07/21/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 90158
91577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1983	05/21/2012	01/26/2004	05/21/2012	07/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833916
91579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	05/21/2012	01/26/2004	05/21/2012	07/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851618
91581	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	05/21/2012	01/26/2004	05/21/2012	08/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824638
91582	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	05/21/2012	01/26/2004	05/21/2012	07/14/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824638
91584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	05/21/2012	01/26/2004	05/21/2012	08/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851424
91590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1988	05/22/2012	01/26/2004	05/22/2012	07/17/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 53130
91591	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/03/1988	05/22/2012	01/26/2004	05/22/2012	07/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 53130

91593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	05/22/2012	01/26/2004	05/22/2012	07/25/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851810
91595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1998	05/22/2012	01/26/2004	05/22/2012	07/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 87583
91597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/2010	05/22/2012	02/01/2010	05/22/2012	07/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65067
91601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/22/2012	01/26/2004	05/22/2012	08/04/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846153
91602	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/22/2012	01/26/2004	05/22/2012	10/07/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846153
91604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1990	05/23/2012	01/26/2004	05/23/2012	08/05/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 54446
91605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/1990	05/23/2012	01/26/2004	05/23/2012	08/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 54446
91607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/15/2009	05/23/2012	04/15/2009	05/23/2012	08/03/2012		TRUE	FALSE	MT42=No, MT_83=No ,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 84694
91823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2005	05/24/2012	04/12/2005	05/24/2012	07/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 63323
91824	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/12/2005	05/24/2012	04/12/2005	05/24/2012	08/30/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 63323
91635	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1993	05/29/2012	09/08/2003	05/29/2012	12/08/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 54502
91639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	05/29/2012	01/26/2004	05/29/2012	08/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851422
91641	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	05/29/2012	01/26/2004	05/29/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851422
91643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	05/29/2012	01/26/2004	05/29/2012	08/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S834509
91645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1983	05/30/2012	12/31/2001	05/30/2012	08/05/2012		TRUE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was S833931
91647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	05/30/2012	01/26/2004	05/30/2012	08/03/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S883139
91649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	05/30/2012	01/26/2004	05/30/2012	08/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864680
91655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/23/1988	05/30/2012	01/26/2004	05/30/2012	08/03/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S881545
91657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/26/1986	05/31/2012	01/26/2004	05/31/2012	08/04/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863640
91659	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	05/31/2012	01/26/2004	05/31/2012	08/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863067
91661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/31/2012	01/26/2004	05/31/2012	09/09/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855619
91663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	05/31/2012	01/26/2004	05/31/2012	08/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863697
91665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1988	05/31/2012	12/31/1999	05/31/2012	08/05/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S862506
91669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	05/31/2012	01/26/2004	05/31/2012	08/05/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91347
91670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	05/31/2012	01/26/2004	05/31/2012	08/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91347
91672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/01/2012	01/26/2004	06/01/2012	08/31/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S845122
91673	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	06/01/2012	01/26/2004	06/01/2012	08/30/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S845122
91683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1990	06/04/2012	01/26/2004	06/04/2012	08/08/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S911813
91687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	06/05/2012	01/26/2004	06/05/2012	08/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862372
91689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	06/05/2012	01/26/2004	06/05/2012	08/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864633
91691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/05/2012	12/31/2001	06/05/2012	08/14/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832339
91692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/05/2012	12/31/2001	06/05/2012	08/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832339
91693	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	06/05/2012	12/31/2001	06/05/2012	10/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S832339
91697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1988	06/06/2012	01/26/2004	06/06/2012	08/04/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S881549
91701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/20/1989	06/06/2012	01/26/2004	06/06/2012	08/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S900244
91708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	06/06/2012	01/26/2004	06/06/2012	08/09/2012		TRUE	TRUE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864578
91710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1998	06/07/2012		06/07/2012	08/09/2012		TRUE	FALSE	RPKGD was 56221 — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 81777
91711	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1998	06/07/2012		06/07/2012	10/07/2012		TRUE	FALSE	RPKGD was 56221 — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 81777
91712	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/23/1998	06/07/2012		06/07/2012	08/30/2012		TRUE	FALSE	RPKGD was 56221 — P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 81777
91718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1990	06/07/2012	01/26/2004	06/07/2012	08/08/2012	VE	TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91290
91719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1990	06/07/2012	01/26/2004	06/07/2012	08/09/2012	VE	TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91290
91720	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1990	06/07/2012	01/26/2004	06/07/2012	07/14/2013	VE	TRUE	FALSE	P_MT42=YES, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN04-S 001 ON 042413 - Rpkgd was 91290
91722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/07/1990	06/07/2012		06/07/2012	08/14/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 54189
91726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	06/07/2012	01/26/2004	06/07/2012	08/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853277
91727	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	06/07/2012	01/26/2004	06/07/2012	10/26/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853277

91729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	06/07/2012	01/26/2004	06/07/2012	06/19/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853002
91730	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	06/07/2012	01/26/2004	06/07/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853002
91732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/08/2012	01/26/2004	06/08/2012	08/09/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S845349
91733	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/08/2012	01/26/2004	06/08/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S845349
91735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/1989	06/08/2012	01/26/2004	06/08/2012	08/14/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S891519
91738	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/1989	06/08/2012	01/26/2004	06/08/2012	08/30/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S891519
91738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	06/08/2012	01/26/2004	06/08/2012	08/18/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S884312
91740	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	06/08/2012	01/26/2004	06/08/2012	08/18/2012		TRUE	FALSE	Old AK7 P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862468
91742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	06/27/2012	01/26/2004	06/27/2012	09/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846093
91743	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	06/27/2012	01/26/2004	06/27/2012	09/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846093
91745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	06/27/2012	01/26/2004	06/27/2012	10/07/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851756
91748	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	06/27/2012	01/26/2004	06/27/2012	08/25/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851756
91748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	06/27/2012	01/26/2004	06/27/2012	09/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852566
91750	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	06/27/2012	01/26/2004	06/27/2012	07/08/2013		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852566
91752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	06/27/2012	01/26/2004	06/27/2012	11/08/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852570
91753	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	06/27/2012	01/26/2004	06/27/2012	08/30/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852570
91755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	06/27/2012	01/26/2004	06/27/2012	08/19/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851872
91758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	06/28/2012	12/31/1999	06/28/2012	10/19/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90002
91760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/28/2012	01/26/2004	06/28/2012	08/19/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855300
91761	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/28/2012	01/26/2004	06/28/2012	08/24/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855300
91762	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/28/2012	01/26/2004	06/28/2012	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855300
91763	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/28/2012	01/26/2004	06/28/2012	10/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855300
91764	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/28/2012	01/26/2004	06/28/2012	08/30/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855300
91766	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1998	06/28/2012	12/01/1998	06/28/2012	09/09/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 56590
91767	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1998	09/18/2012	12/01/1998	09/18/2012	12/18/2012		FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 56590
91783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	07/24/2012	01/26/2004	07/24/2012	09/15/2012	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91445
91785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	07/24/2012	01/26/2004	07/24/2012	09/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91546
91787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/2005	07/24/2012	07/31/2006	07/24/2012	09/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=(NULL) HOLD_FLAG= - Rpkgd was 62116
91789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2005	07/25/2012	01/31/2005	07/25/2012	09/21/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 62107
91790	POC				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/31/2005	07/25/2012	01/31/2005	07/25/2012			TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 62107
91792	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/29/2005	07/25/2012	11/29/2005	07/25/2012	09/16/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 62575
91795	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2003	07/25/2012	07/18/2003	07/25/2012	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 61272
91797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	07/25/2012	01/26/2004	07/25/2012	06/04/2013		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825721
91800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	07/27/2012	01/26/2004	07/27/2012	09/21/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851528
91805	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	07/27/2012	01/26/2004	07/27/2012	07/14/2013		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851528
91812	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1989	07/30/2012	01/26/2004	07/30/2012	09/15/2012		TRUE	FALSE	Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S902266
91813	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/04/1989	07/30/2012	01/26/2004	07/30/2012	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S902266
91815	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	07/30/2012	03/27/2007	07/30/2012	01/13/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S811869
91816	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	07/30/2012	03/27/2007	07/30/2012	04/26/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S811869
91818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	07/31/2012	03/27/2007	07/31/2012	06/28/2013		TRUE	FALSE	P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S811917 REASSIGNED TO MHD01 FROM CIN01 ON 102212
91821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	07/31/2012	03/27/2007	07/31/2012	05/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S813453 REASSIGNED TO MHD01 FROM CIN01 ON 102212
91824	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	07/31/2012	03/27/2007	07/31/2012	01/16/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S853875
91827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/31/2012	01/26/2004	07/31/2012	11/17/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825916
91830	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/31/2012	01/26/2004	07/31/2012	10/07/2012		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825916

91832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	07/31/2012	01/26/2004	07/31/2012	10/12/2012		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S841330
91833	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	07/31/2012	01/26/2004	07/31/2012	07/02/2013		TRUE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S841330
91835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	08/01/2012	03/27/2007	08/01/2012	01/12/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S855311
91837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	08/01/2012	12/31/2001	08/01/2012	10/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824550
91844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	08/02/2012	12/31/2001	08/02/2012	10/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825729
91848	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	08/02/2012	12/31/2001	08/02/2012	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825729
91849	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	08/02/2012	12/31/2001	08/02/2012	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S825729
91851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	08/02/2012	01/26/2004	08/02/2012	09/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S846870
91852	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/19/1996	10/17/2012	01/19/1996	10/17/2012	12/18/2012		FALSE	FALSE	Not 55-Gal --- P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 52644
91867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/07/2012	03/27/2007	08/07/2012	05/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 ON 111212 Rpkgd was S813308
91868	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/07/2012	03/27/2007	08/07/2012	04/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S813308
91869	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/07/2012	03/27/2007	08/07/2012	04/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S813308
91871	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	08/07/2012	03/27/2007	08/07/2012	01/16/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S793755
91874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	08/07/2012	03/27/2007	08/07/2012	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S802960
91877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/07/2012	03/27/2007	08/07/2012	01/16/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S855872
91878	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/07/2012	03/27/2007	08/07/2012	07/02/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S855872
91880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	08/08/2012	03/27/2007	08/08/2012	01/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S822812
91883	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	08/08/2012	03/27/2007	08/08/2012	04/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S822812
91885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/08/2012	12/31/1999	08/08/2012	10/19/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91453
91887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	08/08/2012		08/08/2012	10/12/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 56300 - Rpkgd was 91553
91890	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	08/08/2012		08/08/2012	10/07/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 56300 - Rpkgd was 91553
91891	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	08/08/2012		08/08/2012	10/07/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd Was 56300 - Rpkgd was 91553
91896	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	08/09/2012		08/09/2012	10/13/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 91554
91897	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	08/09/2012		08/09/2012	12/08/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 91554
91898	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/07/1996	08/09/2012		08/09/2012	12/08/2012		TRUE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 91554
91900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	08/10/2012	01/26/2004	08/10/2012	09/27/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824847
91902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	08/21/2012		08/21/2012	09/29/2012		TRUE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864543
91903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	08/21/2012		08/21/2012	09/29/2012		TRUE	FALSE	OID AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S884543
91905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	08/14/2012	03/27/2007	08/14/2012	04/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S861751
91907	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	08/14/2012	03/27/2007	08/14/2012	01/12/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 RPKGD was S822699
91910	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	08/14/2012	03/27/2007	08/14/2012	04/26/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S822699
91912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	08/14/2012	03/27/2007	08/14/2012	01/16/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S811868
91915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	08/14/2012	03/27/2007	08/14/2012	01/12/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S816832
91918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	08/14/2012	03/27/2007	08/14/2012	01/13/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S811907
91919	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	08/14/2012	03/27/2007	08/14/2012	07/05/2013		TRUE	FALSE	Pu-240> 15% P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S811907
91921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/15/2012	03/27/2007	08/15/2012	08/18/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 Rpkgd was S813348
91922	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/15/2012	03/27/2007	08/15/2012	07/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 Rpkgd was S813348
91924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/18/1980	08/15/2012	03/27/2007	08/15/2012	06/27/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 Rpkgd was S802879
91926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	08/15/2012	03/27/2007	08/15/2012	04/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S818345
91928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	08/16/2012	01/26/2004	08/16/2012	09/29/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822637
91930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	08/16/2012	01/26/2004	08/16/2012	06/18/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864263

91932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	08/16/2012	03/27/2007	08/16/2012	03/27/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 Rpkgd was S853801
91936	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	08/16/2012	03/27/2007	08/16/2012	01/12/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S802812
91939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/16/2012	03/27/2007	08/16/2012	01/12/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S811847
91940	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/16/2012	03/27/2007	08/16/2012	04/28/2013		FALSE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 Rpkgd was S811847
91942	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	08/29/2012	12/31/1999	08/29/2012	11/03/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865185
91943	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	08/29/2012	12/31/1999	08/29/2012	11/03/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865185
91944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/20/2012	03/27/2007	08/20/2012	03/15/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 Rpkgd was S855690
91945	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/20/2012	03/27/2007	08/20/2012	07/02/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 Rpkgd was S855690
91947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	08/20/2012	03/27/2007	08/20/2012	05/24/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 Rpkgd was S824153
91956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1993	08/21/2012	09/08/2003	08/21/2012	10/03/2012		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 91634
91957	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1993	08/21/2012	09/08/2003	08/21/2012	04/28/2013		TRUE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=. - Rpkgd was 91634
91959	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/21/2012	05/08/2008	08/21/2012	10/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91704
91963	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/21/2012	05/08/2008	08/21/2012	10/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG - Rpkgd was 91704
91965	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	03/24/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91703
91966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	10/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 91703
91967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	10/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91703
91968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	10/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91703
91969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	10/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91703
91970	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	10/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91703
91971	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	10/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91703
91972	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	10/07/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91703
91973	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/2004	08/22/2012	05/08/2008	08/22/2012	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 91703
91983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	08/23/2012	12/31/1999	08/23/2012	04/09/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870212
91985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981	08/23/2012	01/26/2004	08/23/2012	10/03/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90889
91987	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	08/29/2012	12/31/1999	08/29/2012	11/17/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865185
91995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/27/2012	12/31/1999	08/27/2012	10/28/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S863780
91997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1988	08/28/2012	12/31/1999	08/28/2012	11/14/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863030
91999	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	08/28/2012	01/26/2004	08/28/2012	10/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813567
92001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/21/1985	08/29/2012	01/26/2004	08/29/2012	10/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852546
92003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	08/29/2012	01/26/2004	08/29/2012	10/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855283
92005	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	08/29/2012	12/31/1999	08/29/2012	10/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865185
92006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1990	09/05/2012	01/26/2004	09/05/2012	11/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S910729
92008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2007	09/05/2012	02/27/2007	09/05/2012	07/05/2013		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 63040 AT BLDG 412
92012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	09/06/2012	01/26/2004	09/06/2012	11/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851575
92014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	09/06/2012	01/26/2004	09/06/2012	12/05/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870159
92017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	09/10/2012	01/26/2004	09/10/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851574
92019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	09/10/2012	01/26/2004	09/10/2012	12/02/2012		TRUE	FALSE	P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822879
92023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	09/11/2012	01/26/2004	09/11/2012	03/27/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S842562
92029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/12/1989	09/11/2012	01/26/2004	09/11/2012	12/02/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S902281
92047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1990	09/17/2012	01/26/2004	09/17/2012	11/14/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S902100
92048	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/08/1990	09/19/2012	01/26/2004	09/19/2012	12/02/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S902100

92050	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	09/20/2012	01/26/2004	09/20/2012	12/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833912
92051	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	09/20/2012	01/26/2004	09/20/2012	07/18/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833912
92052	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	09/20/2012	01/26/2004	09/20/2012	07/23/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833912
92053	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	09/20/2012	01/26/2004	09/20/2012	07/24/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833912
92055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/20/2012	12/31/1999	09/20/2012	11/15/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S854600
92058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	09/20/2012	12/31/1999	09/20/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853732
92059	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	09/22/2012	12/31/1999	09/22/2012	11/04/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - - Rpkgd was S865186
92062	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	09/22/2012	12/31/1999	09/22/2012	12/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - - Rpkgd was S865186
92065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1985	09/24/2012	01/26/2004	09/24/2012	11/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91675
92069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	09/24/2012	01/26/2004	09/24/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 88034
92072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	09/25/2012	01/26/2004	09/25/2012	12/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851715
92074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	09/25/2012	01/26/2004	09/25/2012	12/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 86544
92076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	09/25/2012	01/26/2004	09/25/2012	01/12/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851556
92077	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	09/25/2012	01/26/2004	09/25/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S851556
92081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	09/25/2012	01/26/2004	09/25/2012	12/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91877
92083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	09/25/2012	01/26/2004	09/25/2012	12/12/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833063
92085	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	09/26/2012	12/31/1999	09/26/2012	03/09/2013	VE	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S874054
92087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	09/26/2012	01/26/2004	09/26/2012	12/26/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 81920
92088	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	09/26/2012	01/26/2004	09/26/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 81920
92090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/26/2012	12/31/1999	09/26/2012	11/06/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S855633
92091	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	09/26/2012	12/31/1999	09/26/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855633
92094	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	09/27/2012	12/31/1999	09/27/2012	12/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S874054
92096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	09/27/2012	12/31/1999	09/27/2012	12/09/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S853738
92097	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	09/27/2012	12/31/1999	09/27/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853738
92099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/27/2012	12/31/1999	09/27/2012	04/18/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862058
92100	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	09/27/2012	12/31/1999	09/27/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S862058
92102	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	09/27/2012	12/31/1999	09/27/2012	05/12/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860107
92106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1990	09/27/2012		09/27/2012	12/08/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 91574
92107	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/1990	09/27/2012		09/27/2012	12/13/2012		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 91574
92110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2010	09/27/2012	02/02/2010	09/27/2012	12/11/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 65061
92111	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/02/2010	09/27/2012	02/02/2010	09/27/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65061
92113	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	01/17/2013	12/31/1999	01/17/2013	03/26/2013		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S874054
92114	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/15/1987	09/29/2012	12/31/1999	09/29/2012	12/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S874054
92115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2003	10/01/2012	09/05/2003	10/01/2012	11/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 61725
92116	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/05/2003	10/01/2012	09/05/2003	10/01/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 61725
92118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2010	10/01/2012	01/27/2010	10/01/2012	11/08/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd was 65065
92119	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/27/2010	10/01/2012	01/27/2010	10/01/2012	12/13/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 65065
92121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/01/2012	12/31/2001	10/01/2012	07/02/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90803 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/01/2012	12/31/2001	10/01/2012	06/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90804 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/01/2012	12/31/2001	10/01/2012	07/02/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90802 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113

92129	55G				EMPLACED_CNTR	LA-MHD01 001	CCP-AK-LANL-006	S5400	08/26/1988	10/02/2012	12/31/1999	10/02/2012	07/07/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90955 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/02/2012	12/31/2001	10/02/2012	07/05/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90811 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/02/2012	12/31/2001	10/02/2012	04/21/2013		TRUE	FALSE	NITRATE SALTS P_MT42=Mix, MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90859 RPKGD NITRATE SALT DAUGHTER BUT > 50 DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_12
92137	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	10/03/2012	12/31/1999	10/03/2012	12/09/2012		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862430
92139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	10/02/2012	12/31/2001	10/02/2012	04/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90843 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	10/02/2012	12/31/2001	10/02/2012	07/05/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90870 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92144	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/02/2012	12/31/2001	10/02/2012	06/14/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90810 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92147	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	10/02/2012	12/31/2001	10/02/2012	03/17/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90875 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	10/03/2012	12/31/2001	10/03/2012	06/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90820 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/03/2012	12/31/2001	10/03/2012	04/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90760 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92158	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	10/03/2012	12/31/2001	10/03/2012	03/17/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90755 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/03/2012	12/31/2001	10/03/2012	07/09/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=Rpkgd was 90808 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	10/04/2012	12/31/2001	10/04/2012	07/08/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90821 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 120612 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	10/04/2012	12/31/1999	10/04/2012	04/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91004 RPKGD NITRATE SALT DAUGHTER > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92167	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	10/04/2012	12/31/1999	10/04/2012	12/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862430
92169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/04/2012	12/31/2001	10/04/2012	07/05/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90808 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1988	10/04/2012	12/31/1999	10/04/2012	08/08/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91008 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92177	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1986	10/05/2012	12/31/1999	10/05/2012	03/10/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862430
92178	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1987	10/07/2012	12/31/1999	10/07/2012	12/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872719
92179	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1987	10/08/2012	12/31/1999	10/08/2012	12/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872719
92180	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1987	10/10/2012	12/31/1999	10/10/2012	12/26/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872719
92181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/09/2012	12/31/2001	10/09/2012	04/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=MT 42 Mix, MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90848 RPKGD Nitrate Salt Daughter but >50% Debris REASSIGNED TO LA-MHD01 001 FROM LA-MIN02-V.001 ON 01_10_13
92183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/09/2012	12/31/2001	10/09/2012	05/24/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90860 RPKGD Nitrate Salt Daughter but >50% Debris REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V001 ON 01_10_13
92184	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/09/2012	12/31/2001	10/09/2012	07/14/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= -Rpkgd was 90860 RPKGD Nitrate Salt Daughter but >50% Debris REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V001 ON 01_10_13
92186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	10/09/2012	12/31/2001	10/09/2012	08/03/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90842 RPKGD Nitrate Salt Daughter but >50% Debris REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V001 ON 01_10_13

92188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/09/2012	12/31/2001	10/09/2012	05/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90881 RPKGD Nitrate Salt Daughter but >50% Debris REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V001 ON 01_10_13
92190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	10/09/2012	12/31/2001	10/09/2012	06/09/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90841 RPKGD Nitrate Salt Daughter but >50% Debris REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V 001 ON 01_10_13
92192	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	10/09/2012	12/31/1999	10/09/2012	03/17/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90956 RPKGD Nitrate Salt Daughter but >50% Debris REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92194	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/11/2012	12/31/1999	10/11/2012	12/27/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872719
92195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/11/2012	12/31/2001	10/11/2012	08/04/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90862 RPKGD NITRATE SALT DAUGHTER BUT > 50% debris REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/11/2012	12/31/2001	10/11/2012	03/17/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90863 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92199	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/11/2012	12/31/1999	10/11/2012	12/27/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872719
92200	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/14/2012	12/31/1999	10/14/2012	12/16/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872714
92201	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/15/2012	12/31/1999	10/15/2012	03/09/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872714
92202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	10/15/2012	12/31/2001	10/15/2012	03/31/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90877 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	10/15/2012	12/31/1999	10/15/2012	05/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90968 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	10/15/2012	12/31/1999	10/15/2012	06/28/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91000 REASSIGNED TO LA-MIN02-V.001 FROM LA-MHD01.001 ON 12_12_12 REASSIGNED to LA-MHD01.001 FROM LA-MIN02-V.001 ON 041113
92207	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/16/2012	12/31/1999	10/16/2012	12/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872714
92209	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/16/2012	12/31/1999	10/16/2012	12/26/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S872714
92223	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/19/2012	12/31/1999	10/19/2012	12/20/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870285
92224	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/20/2012	12/31/1999	10/20/2012	12/20/2012		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870285
92225	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/21/2012	12/31/1999	10/21/2012	12/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870285
92226	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/23/2012	12/31/1999	10/23/2012	12/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870286
92242	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/24/2012	12/31/1999	10/24/2012	12/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870286
92244	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1987	10/25/2012	12/31/1999	10/25/2012	12/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870286
92254	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/06/1993	10/26/2012		10/26/2012	12/26/2012		FALSE	FALSE	P_MT42=Unknown, MT_83=MTs Not Available, MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate= HOLD_FLAG= - Rpkgd was 55126
92255	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1988	10/27/2012	12/31/1999	10/27/2012	12/16/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860113
92256	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1988	10/28/2012	12/31/1999	10/28/2012	12/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860113
92257	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/29/1988	10/28/2012	12/31/1999	10/28/2012	12/26/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860113
92258	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	10/29/2012	03/27/2007	10/29/2012	12/21/2012		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S793762
92261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	10/29/2012	03/27/2007	10/29/2012	01/09/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S793772
92268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	10/30/2012	03/27/2007	10/30/2012	01/12/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S803048
92268	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	10/30/2012	03/27/2007	10/30/2012			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S822785
92270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	10/30/2012	03/27/2007	10/30/2012	08/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S818325
92272	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	10/30/2012	03/27/2007	10/30/2012			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S818385

92274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	10/30/2012	03/27/2007	10/30/2012	03/31/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S822635
92276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	10/30/2012	03/27/2007	10/30/2012	01/16/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S822989
92280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	10/31/2012	01/26/2004	10/31/2012	01/16/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833114
92281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	10/31/2012	01/26/2004	10/31/2012	01/09/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833114
92288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	10/31/2012	03/27/2007	10/31/2012	12/18/2012		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S854825
92304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	11/06/2012	12/31/1999	11/06/2012	01/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S860061
92305	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	11/06/2012	12/31/1999	11/06/2012	07/14/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860061
92307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/28/1986	11/06/2012	12/31/1999	11/06/2012	01/16/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was S863691
92309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	11/06/2012	03/27/2007	11/06/2012	03/24/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S853881
92311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	11/06/2012	03/27/2007	11/06/2012	04/04/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S853318
92312	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	11/06/2012	03/27/2007	11/06/2012	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S853318
92314	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	11/06/2012	03/27/2007	11/06/2012	05/05/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S852974
92315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2007	11/06/2012	02/27/2007	11/06/2012	04/21/2013		FALSE	FALSE	Np-237 --- P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 63037 AT BLDG 412
92318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	11/07/2012	03/27/2007	11/07/2012	03/14/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855901
92320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	11/07/2012	03/27/2007	11/07/2012	03/15/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862969
92322	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	11/07/2012	03/27/2007	11/07/2012	11/10/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855229
92324	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	11/07/2012	03/27/2007	11/07/2012			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S865323
92326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	11/07/2012	03/27/2007	11/07/2012	06/29/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S861796
92328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	11/07/2012	03/27/2007	11/07/2012	04/02/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853548
92329	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	11/07/2012	03/27/2007	11/07/2012	07/14/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853548
92331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	11/07/2012	03/27/2007	11/07/2012	04/02/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853723
92332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2008	11/07/2012	03/20/2008	11/07/2012	06/29/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 64197 AT 412
92333	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/20/2008	11/07/2012	03/20/2008	11/07/2012	01/15/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd was 64197
92334	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	11/07/2012	03/27/2007	11/07/2012	07/14/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853723
92336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	11/07/2012	03/27/2007	11/07/2012	05/09/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853273
92337	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	11/07/2012	03/27/2007	11/07/2012	07/14/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853273
92339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	11/08/2012	12/31/2001	11/08/2012	05/16/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90869 NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	11/08/2012	12/31/2001	11/08/2012	04/21/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90867 NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/08/2012	12/31/2001	11/08/2012	04/02/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90878 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/08/2012	12/31/2001	11/08/2012	04/02/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90876 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13

92351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	11/08/2012	12/31/1999	11/08/2012	03/31/2013		TRUE	FALSE	NITRATE SATLS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90937 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	11/13/2012	12/31/2001	11/13/2012	04/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90884 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92358	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	11/13/2012	12/31/1999	11/13/2012	07/24/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90941 RPKGD NITRATE SALT DAUGHTER BUT > 50% DEBRIS
92364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	11/13/2012	12/31/1999	11/13/2012	04/21/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90972 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	11/14/2012	12/31/1999	11/14/2012	04/21/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90942 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988	11/14/2012	12/31/1999	11/14/2012	05/24/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 91001 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92384	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	11/20/2012	03/27/2007	11/20/2012			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S816933
92386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	11/20/2012	03/27/2007	11/20/2012	03/22/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S803055
92388	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	11/20/2012	03/27/2007	11/20/2012			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S861977
92391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	11/26/2012	03/27/2007	11/26/2012	08/20/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S813693
92393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	11/26/2012	03/27/2007	11/26/2012	08/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S816869
92395	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	11/26/2012	03/27/2007	11/26/2012			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S818431
92397	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	11/26/2012	03/27/2007	11/26/2012			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S813469
92399	SWβ				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	11/27/2012	12/31/1999	11/27/2012	03/09/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 90826
92402	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	11/27/2012	03/27/2007	11/27/2012			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S822572
92408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	11/27/2012	03/27/2007	11/27/2012	07/03/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613- Rpkgd was 91872
92413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	11/29/2012	03/27/2007	11/29/2012	05/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S853876
92416	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	11/29/2012	03/27/2007	11/29/2012	05/12/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S855228
92418	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	11/29/2012	03/27/2007	11/29/2012			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S854635
92420	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/29/2012	03/27/2007	11/29/2012			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 - Rpkgd was S833881
92423	SWβ				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/18/1985	12/02/2012	12/31/1999	12/02/2012	03/15/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 90691
92424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	12/05/2012	03/27/2007	12/05/2012	05/31/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S862925
92425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	12/05/2012	03/27/2007	12/05/2012	05/31/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S862925
92426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	12/05/2012	03/27/2007	12/05/2012	10/03/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613- Rpkgd was S862925
92428	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	12/05/2012	03/27/2007	12/05/2012			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S884173
92429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	12/05/2012	03/27/2007	12/05/2012	05/30/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S884173

92430	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	12/05/2012	03/27/2007	12/05/2012	07/18/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S864173
92432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	12/05/2012	03/27/2007	12/05/2012	08/08/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S822915
92435	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	12/06/2012	03/27/2007	12/06/2012	05/31/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S793739
92436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	12/06/2012	03/27/2007	12/06/2012	05/31/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S793739
92438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	12/07/2012	03/27/2007	12/07/2012	06/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S823215
92440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	12/07/2012	03/27/2007	12/07/2012	07/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S823150
92442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	12/07/2012	03/27/2007	12/07/2012	09/21/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S884605
92443	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	12/07/2012	03/27/2007	12/07/2012	07/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S884605
92445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	12/07/2012	03/27/2007	12/07/2012	09/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S884713
92448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	12/07/2012	03/27/2007	12/07/2012	06/19/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S855797
92452	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	12/10/2012	03/27/2007	12/10/2012	07/29/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S855573
92454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	12/10/2012	03/27/2007	12/10/2012	08/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S871870
92456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	12/11/2012	03/27/2007	12/11/2012	11/26/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S855230
92457	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	12/11/2012	03/27/2007	12/11/2012	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S855230
92461	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1990	12/12/2012	12/31/1999	12/12/2012	03/15/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90318 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	12/13/2012	12/31/2001	12/13/2012	04/21/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90713 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 01_10_13
92466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1990	12/17/2012	12/31/1999	12/17/2012	04/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90324 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/17/2012	12/31/2001	12/17/2012	04/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=S - Rpkgd was 90718 RPKGD NITRATE SALT DAUGHTER, BUT NOT NITRATE SALTS AND > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/18/2012	12/31/2001	12/18/2012	05/05/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90720 RPKGD NITRATE SALT DAUGHTER, BUT NOT NITRATE SALTS AND > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/18/2012	12/31/2001	12/18/2012	05/04/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was 90721 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/18/2012	12/31/2001	12/18/2012	03/31/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90719 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS BUT NO NITRATE SALTS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/18/2012	12/31/2001	12/18/2012	05/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=- Rpkgd was 90722 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	12/18/2012	12/31/2001	12/18/2012	05/18/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90726 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/18/2012	12/31/2001	12/18/2012	08/04/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90723 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS AND NOT NITRATE SALTS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/19/2012	12/31/2001	12/19/2012	05/24/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90725 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013
92494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	12/19/2012	12/31/2001	12/19/2012	04/17/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 90724 RPKGD NITRATE SALT DAUGHTER, BUT > 50% DEBRIS AND NO NITRATE SALTS REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 011013

92498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	12/19/2012	12/31/1999	12/19/2012	03/15/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= – Rpkgd was 90047
92501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	12/19/2012	01/26/2004	12/19/2012	03/15/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 87121
92503	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	02/13/2013	01/26/2004	02/13/2013	04/11/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 90814
92504	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	12/20/2012	01/26/2004	12/20/2012	03/22/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 was 90814
92508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	01/03/2013	03/27/2007	01/03/2013	07/29/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S803036 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
92509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	01/03/2013	01/26/2004	01/03/2013	03/15/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 87122
92513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	01/03/2013	03/27/2007	01/03/2013	07/21/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S802976
92515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	01/07/2013	03/27/2007	01/07/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S802767
92517	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	01/07/2013	03/27/2007	01/07/2013	05/05/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 ON 102212 - Rpkgd was S793709
92519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	01/07/2013	03/27/2007	01/07/2013	04/19/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 - Rpkgd was S802524
92522	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/29/1980	01/07/2013	03/27/2007	01/07/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S802678
92524	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	01/08/2013	03/27/2007	01/08/2013	04/17/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413= - Rpkgd was S803606
92526	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	01/08/2013	03/27/2007	01/08/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S802789
92528	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980	01/08/2013	03/27/2007	01/08/2013	08/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802928 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
92530	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	01/08/2013	03/27/2007	01/08/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 ON 102212 - Rpkgd was S816901
92532	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980	01/08/2013	03/27/2007	01/08/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S802832
92534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1980	01/08/2013	03/27/2007	01/08/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S805034
92538	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	01/09/2013	03/27/2007	01/09/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S813212
92542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/09/2013	03/27/2007	01/09/2013	07/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S816363
92552	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/10/2013	03/27/2007	01/10/2013	07/09/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S816363
92559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	01/12/2013	12/31/2001	01/12/2013	08/15/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 - Rpkgd was 90805
92561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	01/11/2013	12/31/2001	01/11/2013	08/02/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 Rpkgd was 90812
92563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	01/11/2013	12/31/2001	01/11/2013	08/15/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 Rpkgd was 90823
92582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	01/14/2013	03/27/2007	01/14/2013	01/07/2014		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S822267
92584	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	01/14/2013	03/27/2007	01/14/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S822663
92588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/14/2013	03/27/2007	01/14/2013	04/17/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S824358
92587	POC				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/14/2013	03/27/2007	01/14/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S824358
92589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1982	01/15/2013	03/27/2007	01/15/2013	01/06/2014		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S822578
92591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	01/15/2013	03/27/2007	01/15/2013	08/13/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S816951

92593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/15/2013	03/27/2007	01/15/2013	05/31/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S855551
92594	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/15/2013	03/27/2007	01/15/2013	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S855551
92596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	01/16/2013	03/27/2007	01/16/2013	09/10/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816756
92598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	01/16/2013	03/27/2007	01/16/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S863723
92600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	01/16/2013	03/27/2007	01/16/2013	04/17/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811630
92602	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	01/16/2013	03/27/2007	01/16/2013	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811630
92608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	01/17/2013	03/27/2007	01/17/2013	09/24/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855293
92611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	01/17/2013	03/27/2007	01/17/2013	01/14/2014		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823178
92613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	01/17/2013	03/27/2007	01/17/2013	07/26/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813657
92616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	01/17/2013	03/27/2007	01/17/2013	07/03/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852952
92618	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	01/17/2013	03/27/2007	01/17/2013	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S852952
92620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	01/17/2013	03/27/2007	01/17/2013	08/24/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S816409
92621	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	01/17/2013	03/27/2007	01/17/2013	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S816409
92623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/19/2013	03/27/2007	01/19/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816433 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92624	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/19/2013	03/27/2007	01/19/2013	07/18/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S816433 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	01/19/2013	03/27/2007	01/19/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S814854 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	01/20/2013	03/27/2007	01/20/2013	10/08/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 - Rpkgd was S813446
92629	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	01/20/2013	03/27/2007	01/20/2013	07/18/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 - Rpkgd was S813446
92631	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	01/20/2013	03/27/2007	01/20/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813221 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	01/20/2013	03/27/2007	01/20/2013	11/20/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813456 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92636	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1981	01/20/2013	03/27/2007	01/20/2013	07/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813456 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	01/20/2013	03/27/2007	01/20/2013	09/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822628 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	01/20/2013	03/27/2007	01/20/2013	07/26/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844668 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	01/21/2013	03/27/2007	01/21/2013	10/08/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S844670 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	01/21/2013	03/27/2007	01/21/2013	01/24/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413 - Rpkgd was S818701

92648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	01/21/2013	03/27/2007	01/21/2013	01/14/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813685 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92650	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	01/21/2013	03/27/2007	01/21/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S814655 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	01/21/2013	03/27/2007	01/21/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823057 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	01/21/2013	03/27/2007	01/21/2013	07/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823114 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92656	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/21/2013	03/27/2007	01/21/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S845337 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	01/21/2013	03/27/2007	01/21/2013	11/22/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No,Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825702 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/21/2013	03/27/2007	01/21/2013	05/05/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd was S855767
92682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	01/22/2013	03/27/2007	01/22/2013	08/04/2013		TRUE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412 - Rpkgd was S793683
92671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/23/2013	12/31/2001	01/23/2013	08/14/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 Rpkgd was 90688
92686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	01/24/2013	03/27/2007	01/24/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S834480 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	01/24/2013	01/26/2004	01/24/2013	06/04/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S818279
92690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/1982	01/24/2013	03/27/2007	01/24/2013	05/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823305
92692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	01/25/2013	03/27/2007	01/25/2013	08/22/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S818260 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92696	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/25/2013	03/27/2007	01/25/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862462 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92697	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/25/2013	03/27/2007	01/25/2013	07/18/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862462 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913 .
92699	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/25/2013	03/27/2007	01/25/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862475 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	01/25/2013	03/27/2007	01/25/2013	12/26/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813525
92707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/26/2013	03/27/2007	01/26/2013	08/22/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822627
92709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	01/26/2013	03/27/2007	01/26/2013	07/26/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S852975 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92711	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	01/26/2013	03/27/2007	01/26/2013	07/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S852913
92713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	01/26/2013	03/27/2007	01/26/2013	05/31/2013		TRUE	FALSE	Pu- 240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S815162
92715	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/26/2013	03/27/2007	01/26/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864356
92718	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/26/2013	03/27/2007	01/26/2013	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S864356
92719	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/27/2013	03/27/2007	01/27/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S862897 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	01/27/2013	03/27/2007	01/27/2013	08/15/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S793779 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/27/2013	03/27/2007	01/27/2013	07/29/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863823

92727	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/27/2013	03/27/2007	01/27/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863736
92737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/29/2013	03/27/2007	01/29/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S870135 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1985	01/29/2013	03/27/2007	01/29/2013	01/17/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864232 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92741	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	01/29/2013	03/27/2007	01/29/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864710 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1981	01/29/2013	03/27/2007	01/29/2013	05/17/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813472
92748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/1980	01/29/2013	03/27/2007	01/29/2013	09/17/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802756
92749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/29/2013	03/27/2007	01/29/2013	12/21/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S863023 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92751	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	01/29/2013	03/27/2007	01/29/2013	04/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S814853
92753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	01/30/2013	01/26/2004	01/30/2013	05/05/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S853068
92758	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/29/1983	01/30/2013	01/26/2004	01/30/2013	08/13/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832237
92760	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1981	01/30/2013	03/27/2007	01/30/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813459 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92762	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/31/2013	03/27/2007	01/31/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd was S870151 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92764	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	01/31/2013	03/27/2007	01/31/2013	08/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S811799
92766	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	01/31/2013	03/27/2007	01/31/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843626 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92771	55G				PRESUB_CERT (INTERSITE)	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	01/31/2013	03/27/2007	01/31/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 110413 Rpkgd Was S816766
92773	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	02/01/2013	03/27/2007	02/01/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816861 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/19/1980	02/01/2013	03/27/2007	02/01/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802940 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	02/01/2013	03/27/2007	02/01/2013	02/02/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S818397 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	02/01/2013	03/27/2007	02/01/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S818717 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	02/02/2013	03/27/2007	02/02/2013	08/08/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S802808 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	02/02/2013	03/27/2007	02/02/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816741
92785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	02/02/2013	03/27/2007	02/02/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S803592 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/02/2013	03/27/2007	02/02/2013	09/18/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S843618
92789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/02/2013	03/27/2007	02/02/2013	12/04/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S860085
92791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	02/02/2013	03/27/2007	02/02/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S861754 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92796	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/02/2013	03/27/2007	02/02/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S861769

92799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	02/02/2013	03/27/2007	02/02/2013	09/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S803074 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92800	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	02/02/2013	03/27/2007	02/02/2013	07/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S803074
92802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/02/2013	03/27/2007	02/02/2013	08/07/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855541 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92803	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/02/2013	03/27/2007	02/02/2013	07/18/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855541 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	02/03/2013	03/27/2007	02/03/2013	11/10/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S793712
92812	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	02/03/2013	03/27/2007	02/03/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S822288 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92814	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	02/03/2013	03/27/2007	02/03/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S822883
92816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	02/03/2013	03/27/2007	02/03/2013	01/19/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd was S853707
92818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/03/2013	01/26/2004	02/03/2013	08/16/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S825040
92820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/04/2013	03/27/2007	02/04/2013	07/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S854624 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92823	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/04/2013	03/27/2007	02/04/2013	08/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823144 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/04/2013	03/27/2007	02/04/2013	08/08/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855538 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	02/04/2013	03/27/2007	02/04/2013	12/15/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824610
92831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/05/2013	03/27/2007	02/05/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S823024 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92834	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	02/05/2013	12/31/2001	02/05/2013	03/27/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822982 AT 231
92835	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982	02/05/2013	12/31/2001	02/05/2013	03/31/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822982 AT 231
92838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	02/05/2013	03/27/2007	02/05/2013	08/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 - Rpkgd was S853734
92840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	02/05/2013	03/27/2007	02/05/2013	02/02/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853774 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 052913
92845	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/06/2013	03/27/2007	02/05/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S855539
92848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/06/2013	03/27/2007	02/06/2013	05/24/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855142
92850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	02/06/2013	03/27/2007	02/06/2013	08/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818348
92852	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	02/06/2013	03/27/2007	02/06/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813418
92854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	02/06/2013	03/27/2007	02/06/2013	05/31/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S811871
92855	POC				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	02/06/2013	03/27/2007	02/06/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S811871
92857	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	02/06/2013	03/27/2007	02/06/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816665
92859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/07/2013	03/27/2007	02/07/2013	05/04/2013		TRUE	FALSE	Pu - 240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824990
92860	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/07/2013	03/27/2007	02/07/2013	07/19/2013		TRUE	FALSE	Pu - 240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824990
92861	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/07/2013	03/27/2007	02/07/2013	07/18/2013		TRUE	FALSE	Pu - 240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824990
92863	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	02/07/2013	03/27/2007	02/07/2013	01/18/2014		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816673
92864	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	02/07/2013	03/27/2007	02/07/2013	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816673

92868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/07/2013	03/27/2007	02/07/2013	06/04/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S852911
92870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	02/07/2013	03/27/2007	02/07/2013	08/09/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822848
92872	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	02/08/2013	03/27/2007	02/08/2013	09/11/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S816928
92879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	02/08/2013	03/27/2007	02/08/2013	08/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818311
92883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	02/08/2013	03/27/2007	02/08/2013	08/27/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S823186
92884	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1996	02/08/2013	03/19/2008	02/08/2013	07/08/2013		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 56246
92886	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	02/09/2013	03/27/2007	02/09/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S823165
92894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	02/09/2013	12/31/2001	02/09/2013	08/15/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 Rpkgd Was 80997
92923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	02/12/2013	03/27/2007	02/12/2013	12/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818290
92924	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	02/12/2013	03/27/2007	02/12/2013	06/04/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd Was S818290
92926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2003	02/13/2013	07/18/2003	02/13/2013	06/04/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 61273
92928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/2003	02/13/2013	07/07/2003	02/13/2013	07/24/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 61250
92930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/14/2013	03/27/2007	02/14/2013	01/08/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S825026
92943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	02/15/2013	03/27/2007	02/15/2013	07/09/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S814927
92948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	02/15/2013	03/27/2007	02/15/2013	05/31/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861998
92949	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	02/15/2013	03/27/2007	02/15/2013	07/19/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S861998
92951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/27/2007	02/16/2013	02/27/2007	02/16/2013	04/18/2013		TRUE	FALSE	Np-237 — P_MT42=No,MT_83=Pu-238 > 1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= Rpkgd Was 92316
92955	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	02/16/2013	03/27/2007	02/16/2013	01/07/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S816825
92961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	02/17/2013	03/27/2007	02/17/2013	07/02/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818357
92983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/17/2013	03/27/2007	02/17/2013	06/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712 - Rpkgd Was S855522
92984	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/17/2013	03/27/2007	02/17/2013	07/11/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855522
92966	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	02/17/2013	03/27/2007	02/17/2013	09/21/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816887
92969	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	02/17/2013	03/27/2007	02/17/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853327
92970	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	02/17/2013	03/27/2007	02/17/2013	07/19/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853327
92972	56G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/17/2013	03/27/2007	02/17/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S824614
92974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	02/17/2013	03/27/2007	02/17/2013	01/26/2014		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822857
92976	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	02/18/2013	03/27/2007	02/18/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816916
92978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	02/18/2013	03/27/2007	02/18/2013	05/31/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S832152
92984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1990	02/18/2013		02/18/2013	07/03/2013		TRUE	FALSE	QTW2308 — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= Rpkgd was 91574 - Rpkgd Was 92108
92986	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/29/1990	02/18/2013		02/18/2013	07/18/2013		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= Rpkgd was 92108
92988	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	02/18/2013	03/27/2007	02/18/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822862
92990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	02/18/2013	03/27/2007	02/18/2013	09/11/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818411

92995	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/19/2013	03/27/2007	02/19/2013	08/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S855567
93002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/12/1997	02/19/2013	01/28/2004	02/19/2013	04/17/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S6622
93004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1986	02/19/2013	03/27/2007	02/19/2013	07/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S861969
93008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/20/2013	03/27/2007	02/20/2013	08/15/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S855574
93012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/20/2013	01/26/2004	02/20/2013	06/09/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 61170
93014	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/20/2013	03/27/2007	02/20/2013	12/29/2013		TRUE	FALSE	P_MT42=No, MT83 = No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S862399
93016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/21/2013	03/27/2007	02/21/2013	06/29/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 Rpkgd Was S834474
93023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/21/2013	03/27/2007	02/21/2013	07/09/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S834474
93025	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	02/21/2013	03/27/2007	02/21/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S802952
93027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	02/21/2013	03/27/2007	02/21/2013	05/16/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813420
93040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/22/2013	03/27/2007	02/22/2013	07/02/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S855196
93043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/22/2013	03/27/2007	02/22/2013	11/10/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S860147
93045	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/18/1979	02/23/2013	03/27/2007	02/23/2013	08/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S783454
93054	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	02/23/2013	03/27/2007	02/23/2013	09/10/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S816723
93056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/23/2013	03/27/2007	02/23/2013	07/17/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S822927
93058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	02/23/2013	03/27/2007	02/23/2013	07/29/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S823002
93060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	02/23/2013	03/27/2007	02/23/2013	11/22/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S813512
93062	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	02/23/2013	03/27/2007	02/23/2013	08/15/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S822849
93064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	02/24/2013	03/27/2007	02/24/2013	07/09/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was S803195
93071	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/24/2013	03/27/2007	02/24/2013	08/07/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855537
93073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/24/2013	03/27/2007	02/24/2013	08/15/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855132
93074	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/24/2013	03/27/2007	02/24/2013	07/24/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855132
93076	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/24/2013	03/27/2007	02/24/2013	10/10/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S860006
93080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/25/2013	12/31/2001	02/25/2013	08/07/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 - Rpkgd Was S834833
93081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/25/2013	12/31/2001	02/25/2013	08/25/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 - Rpkgd Was S834833
93092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	02/26/2013	03/27/2007	02/26/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S816752
93098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	02/26/2013	03/27/2007	02/26/2013	08/25/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S816752
93105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/27/2013	03/27/2007	02/27/2013	08/08/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S834449
93123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	03/01/2013	01/26/2004	03/01/2013	12/29/2013		TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S832565
93125	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	03/01/2013	12/31/2001	03/01/2013	07/03/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S824950
93144	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980	03/03/2013	03/27/2007	03/03/2013	08/09/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S802800
93153	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	03/04/2013	12/31/2001	03/04/2013	08/15/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 061713 - Rpkgd Was S833937

93164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/08/2013	03/27/2007	03/08/2013	05/31/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S871838
93170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	03/06/2013	03/27/2007	03/06/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S802516
93175	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	03/07/2013	03/27/2007	03/07/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 from LA-CIN01.001 on 032613 - Rpkgd Was 92400
93190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	03/08/2013	03/27/2007	03/08/2013	05/17/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S814961
93192	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	03/09/2013	03/27/2007	03/09/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S818379
93194	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	03/09/2013	03/27/2007	03/09/2013	06/02/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855688
93195	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	03/09/2013	03/27/2007	03/09/2013	07/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855688
93201	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/10/2013	03/27/2007	03/10/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S822544
93203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	03/10/2013	03/27/2007	03/10/2013	11/10/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S853466
93205	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/10/2013	03/27/2007	03/10/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S822611
93207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	03/10/2013	03/27/2007	03/10/2013	09/17/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S818432
93211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/10/2013	03/27/2007	03/10/2013	05/31/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813371
93216	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/10/2013	03/27/2007	03/10/2013	07/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813371
93226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/12/2013	03/27/2007	03/12/2013	12/26/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S855786
93227	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/12/2013	03/27/2007	03/12/2013	08/11/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S855786
93229	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	03/12/2013	03/27/2007	03/12/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S816950
93247	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1991	03/14/2013	03/19/2008	03/14/2013	05/23/2013		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 375 Was S910836
93248	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1996	03/15/2013	03/19/2008	03/15/2013	05/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56087
93250	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/31/1996	03/15/2013	03/19/2008	03/15/2013	05/16/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56087
93251	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1996	03/18/2013	03/19/2008	03/18/2013	05/18/2013		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56070
93252	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1998	03/17/2013	03/19/2008	03/17/2013	05/12/2013		FALSE	FALSE	Np-237 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 56070
93273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	03/21/2013	03/27/2007	03/21/2013	05/31/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S803148
93275	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1998	03/26/2013	03/19/2008	03/26/2013	06/04/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56250
93276	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1998	03/26/2013	03/19/2008	03/26/2013	06/12/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56250
93277	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/03/1998	03/26/2013	03/19/2008	03/26/2013	05/31/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56250
93289	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1998	03/25/2013	03/19/2008	03/25/2013	06/04/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 375 Was 56244
93290	Crate					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1998	03/25/2013	03/19/2008	03/25/2013			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= GLOVEBOX PLACED IN ORIGINAL PARENT CRATE AND RENUMBERED AND SENT FOR SURVEY - Rpkgd AT 375 Was 56244
93296	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980	03/26/2013	03/27/2007	03/26/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S802966
93298	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/04/1991	03/28/2013	03/19/2008	03/28/2013	06/06/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 375 Was 55302
93304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	03/27/2013	03/27/2007	03/27/2013	06/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061613 Rpkgd Was S811714
93347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/29/2013	03/27/2007	03/29/2013	08/13/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S811831
93354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/30/2013	03/27/2007	03/30/2013	08/14/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 061713 - Rpkgd Was S813356
93368	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/01/2013	03/27/2007	04/01/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011314 - Rpkgd Was S813298
93371	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/28/1999	04/03/2013	03/19/2008	04/03/2013	05/31/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 57606

93372	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1999	05/09/2013	03/19/2008	05/09/2013	07/02/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd at 231 Was 57605
93373	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1999	04/03/2013	03/19/2008	04/03/2013	06/19/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd At 231 Was 57605
93375	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	04/03/2013	03/27/2007	04/03/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011314 - Rpkgd Was S811810
93385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981	04/04/2013	03/27/2007	04/04/2013	09/25/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 Rpkgd Was S811740
93386	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2001	04/04/2013	03/19/2008	04/04/2013	05/31/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 375 Was 57848
93387	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2001	04/04/2013	03/19/2008	04/04/2013	05/31/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 375 Was 57848
93398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	04/05/2013	03/27/2007	04/05/2013	09/25/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd Was S802612
93400	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980	04/06/2013	03/27/2007	04/08/2013	08/04/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802743
93402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	04/06/2013	03/27/2007	04/08/2013	09/25/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413- Rpkgd Was S844284
93403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	04/06/2013	03/27/2007	04/08/2013	10/03/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413- Rpkgd Was S844284
93405	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	04/06/2013	03/27/2007	04/06/2013			TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011314 - Rpkgd Was S817522
93406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	04/06/2013	03/27/2007	04/06/2013	08/30/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd Was S817522
93408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	04/06/2013	03/27/2007	04/08/2013	09/11/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd Was S824688
93409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	04/06/2013	03/27/2007	04/06/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd Was S824688
93411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/07/2013	03/27/2007	04/07/2013	10/03/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd Was S811829
93420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	04/07/2013	03/27/2007	04/07/2013	09/29/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd Was S811829
93430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/06/2013	03/27/2007	04/09/2013	11/10/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 Rpkgd Was S822571
93431	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/1991	04/09/2013	03/19/2008	04/09/2013	06/09/2013		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= Rpkgd AT 231 was S910647
93432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/09/2013	03/27/2007	04/09/2013	09/27/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 Rpkgd Was S822571
93434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/09/2013	03/27/2007	04/09/2013	08/08/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813549
93436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/09/2013	03/27/2007	04/09/2013	09/27/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813549
93442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/12/1985	04/10/2013	12/31/2001	04/10/2013	09/27/2013		TRUE	FALSE	NITRATE SALTS NEU P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 071413 Rpkgd was S851508 Rpkgd Was 91019
93465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	04/12/2013	12/31/2001	04/12/2013	09/27/2013		TRUE	FALSE	NITRATE SALTS P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-MIN02-V.001 ON 071413- Rpkgd Was 90855
93467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	04/13/2013	03/27/2007	04/13/2013	07/11/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855295
93468	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2001	04/09/2013	03/19/2008	04/09/2013	06/09/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 57649
93469	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	04/13/2013	03/27/2007	04/13/2013	07/24/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855295
93470	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	04/13/2013	03/27/2007	04/13/2013	07/24/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S855295
93478	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2001	04/17/2013	03/19/2008	04/17/2013	06/19/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 57649
93482	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	04/15/2013	03/27/2007	04/15/2013	07/02/2013		TRUE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802834
93483	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	04/15/2013	03/27/2007	04/15/2013	07/24/2013		TRUE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802834
93484	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	04/15/2013	03/27/2007	04/15/2013	07/24/2013		TRUE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802834
93485	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980	04/15/2013	03/27/2007	04/15/2013	08/11/2013		TRUE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S802834
93492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/16/2013	03/27/2007	04/16/2013	07/26/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813536
93493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	04/16/2013	03/27/2007	04/16/2013	07/26/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S813536

93495	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/18/2013	03/27/2007	04/18/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S853827
93500	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2001	04/17/2013	03/19/2008	04/17/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 57649
93501	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2001	04/17/2013	03/19/2008	04/17/2013	06/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 57650
93508	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/26/2001	04/18/2013	03/19/2008	04/18/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 57649
93519	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1999	04/19/2013	03/19/2008	04/19/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 57608
93520	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/26/1999	04/19/2013	03/19/2008	04/19/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 57606
93523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	04/19/2013	03/27/2007	04/19/2013	06/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was S871917
93544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1990	04/22/2013	03/27/2007	04/22/2013	10/03/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413- Rpkgd Was S803043
93551	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	04/24/2013	03/27/2007	04/24/2013			TRUE	FALSE	P_MT42=NO, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 110413 - Rpkgd Was S813616
93565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	04/26/2013	03/27/2007	04/26/2013	09/24/2013		TRUE	FALSE	P_MT42=MIX, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd Was S815139
93570	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1998	04/26/2013	03/19/2008	04/26/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd At 412 Was 56249
93578	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1998	04/26/2013	03/19/2008	04/26/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd At 412 Was 56249
93579	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1998	05/01/2013	03/19/2008	05/01/2013	06/18/2013		TRUE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56249
93592	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/03/1998	05/01/2013	03/19/2008	05/01/2013	06/18/2013		TRUE	FALSE	P_MT42=No,MT_83=Pu-238>1%,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56249
93617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	05/05/2013	03/27/2007	05/05/2013	09/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413- Rpkgd was S813357
93628	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1995	05/08/2013	03/19/2008	05/08/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56065
93629	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/15/1995	05/08/2013	03/19/2008	05/08/2013	06/18/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 412 Was 56065
93630	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/05/1991	05/06/2013	03/19/2008	05/06/2013	06/18/2013		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was S911769
93645	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1991	05/08/2013	04/01/2001	05/08/2013	07/02/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 58201
93654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	05/08/2013	03/27/2007	05/09/2013	08/04/2013		TRUE	FALSE	Pu-240 > 15% MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212 - Rpkgd Was S822739
93672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	05/12/2013	03/27/2007	05/12/2013	09/24/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd was S813617
93688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	05/13/2013	03/27/2007	05/13/2013	09/11/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413- Rpkgd was S824098
93687	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	05/13/2013	03/27/2007	05/13/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd was S824098
93698	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/19/1999	05/21/2013	03/19/2008	05/21/2013	06/28/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 57607
93712	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1991	05/17/2013	04/01/2010	05/17/2013	08/29/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 375 Was 58200
93724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	05/18/2013	03/27/2007	05/18/2013	08/08/2013		TRUE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832480
93725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	05/18/2013	03/27/2007	05/18/2013	01/18/2014		TRUE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S832480
93732	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1991	05/21/2013	03/19/2008	05/21/2013	06/29/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 55125
93761	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/15/2006	06/04/2013	05/15/2006	06/04/2013	08/03/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 375 Was 62452
93781	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	06/07/2013	03/27/2007	06/07/2013	09/21/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd was S811729
93809	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1981	06/13/2013	11/30/1998	06/13/2013	08/04/2013		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was S811773
93810	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/12/1981	06/13/2013	11/30/1998	06/13/2013	08/04/2013		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was S811773
93817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	06/13/2013	03/27/2007	06/13/2013	09/21/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413- Rpkgd was S862991
93820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	06/14/2013	03/27/2007	06/14/2013	09/21/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413 - Rpkgd was S863641
93825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	06/14/2013	03/27/2007	06/14/2013	09/21/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413- Rpkgd was S855915
93830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/07/1990	06/18/2013		06/18/2013	08/08/2013		TRUE	FALSE	No Vent Date — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 53910
93881	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	06/24/2013	03/27/2007	06/24/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S855911 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090613

93915	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	06/28/2013	03/27/2007	06/28/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120913 - Rpkgd was S794450
93917	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	06/28/2013	03/27/2007	06/28/2013			TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120913 - Rpkgd was S824481
93923	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	06/28/2013	03/27/2007	06/28/2013			TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816809 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
93926	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	06/28/2013	03/27/2007	06/28/2013	01/19/2014		TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816809 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
93928	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	06/28/2013	03/27/2007	06/28/2013	06/24/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816468
93930	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981	06/28/2013	03/27/2007	06/28/2013	09/17/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816468
93932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980	06/28/2013	03/27/2007	06/28/2013	12/28/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S803149 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
93934	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/29/2013	07/01/2013	06/29/2013	07/01/2013	09/21/2013		TRUE	FALSE	P_MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816468 - Rpkgd was 93929
93969	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/2013	07/09/2013	02/18/2013	07/09/2013	09/21/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd Was 92816 - Rpkgd was 92992
93973	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/1980	07/09/2013	03/27/2007	07/09/2013			TRUE	FALSE	P_MT42=No, MT_83=Yes - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120913 - Rpkgd was S802970
93987	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	07/10/2013	03/27/2007	07/10/2013			TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S813287
93989	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	07/10/2013	12/31/2001	07/10/2013	11/01/2013		TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824661
94018	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/20/1993	07/14/2013	03/19/2008	07/14/2013	08/31/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was 55303
94020	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2007	07/15/2013	12/07/2007	07/15/2013	09/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 231 Was 63166
94021	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2007	07/17/2013	12/07/2007	07/17/2013	08/31/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 231 Was 63166
94025	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2007	07/17/2013	12/07/2007	07/17/2013	08/31/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 231 Was 63166
94027	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/07/2007	07/18/2013	12/07/2007	07/18/2013	09/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd Was 63166
94031	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1991	07/18/2013	03/19/2008	07/18/2013	09/11/2013		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was S911772
94064	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/25/2013	03/27/2007	07/25/2013			TRUE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120913 - Rpkgd was S832554
94071	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	07/25/2013	03/27/2007	07/25/2013	09/14/2013		TRUE	FALSE	MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833923
94072	POC				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	07/25/2013	03/27/2007	07/25/2013	11/03/2013		TRUE	FALSE	MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S833923
94090	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/30/2013	03/27/2007	07/30/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S834654 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
94118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	08/01/2013	03/27/2007	08/01/2013	01/18/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S864655 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
94120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/2013	08/01/2013	04/05/2013	08/01/2013	11/01/2013		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50% MTs=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was 93393
94122	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	08/02/2013	03/27/2007	08/02/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S818399 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
94123	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1991	08/01/2013	04/01/2010	08/01/2013	09/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd AT 231 Was S8202
94127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	08/02/2013	03/27/2007	08/02/2013	01/24/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S818399 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
94131	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/17/2003	08/04/2013	09/17/2003	08/04/2013	09/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - Rpkgd AT 231 Was 57665
94133	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	08/06/2013	03/27/2007	08/06/2013			TRUE	FALSE	P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824666 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
94136	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	08/06/2013	03/27/2007	08/06/2013			TRUE	FALSE	P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S824666 REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 090813
94159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981	08/12/2013	03/27/2007	08/12/2013	09/20/2013		TRUE	FALSE	MT42=Yes Mix, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S816697
94161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	08/12/2013	03/27/2007	08/12/2013	10/19/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S793735
94166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	08/12/2013	03/27/2007	08/12/2013	10/18/2013		TRUE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd was S793735
94181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	08/13/2013	03/27/2007	08/13/2013	01/07/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 110413 Rpkgd was S834721
94185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	08/14/2013	03/27/2007	08/14/2013	01/08/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 110413 Rpkgd was S834649
94191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	08/14/2013	03/27/2007	08/14/2013	01/17/2014		TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 110413 Rpkgd was S793787
94221	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1986	08/20/2013	03/27/2007	08/20/2013			TRUE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011314 - Rpkgd was S864647

LASB50003	SWB	SHIP WCS	04/10/2014	69326, 69339, 69357, 69380		LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/2014		04/04/2014				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was 69326 / Repacked was 69339 / Repacked was 69357 / Repacked was 69380
LASB50022	SWB	SHIP WCS	04/11/2014	69414, 69479, 94230		LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/2014		04/04/2014				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was 69414 / Repacked was 69479 / Repacked was 94230
LASB50047	SWB	SHIP WCS	04/15/2014	69104, 69269, 69373		LA-MHD01.001	CCP-AK-LANL-006	S5400	04/04/2014		04/04/2014				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was 69104 / Repacked was 69269 / Repacked was 69373
LASB50109	SWB	SHIP WCS	04/23/2014	68396, 69186, 91961		LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/2014		04/16/2014				FALSE	FALSE	/ Repacked was 68396 / Repacked was 69186 / Repacked was 91961
S780203	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
S780204	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S780205	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S780206	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780207	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780208	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780209	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780210	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780211	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780212	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780213	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	05/09/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780214	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780215	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780216	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780217	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780218	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780219	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780221	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780222	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780223	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780234	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780235	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	05/09/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780236	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780237	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780238	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780239	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780240	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780241	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780242	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780243	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780244	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780245	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780246	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	05/09/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780249	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780250	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780251	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	05/09/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780252	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	02/15/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S780258	55G					LA-MSG04.001	CCP-AK-LANL-010	S4200	05/09/1978		08/17/2009				FALSE	FALSE	Below Grade — P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S783587	85G					LA-MHD01.001	CCP-AK-LANL-008	S5400	12/20/1978		12/20/1978				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S783589	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	12/20/1978		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S783597	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	12/20/1978		07/22/2010				FALSE	FALSE	Below Grade Pu-240>15% — P_MT42=Pu-242>1%,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S783599	55G					LA-MHD01.001	CCP-AK-LANL-008	S5400	12/20/1978		07/22/2010				FALSE	FALSE	Below Grade Pu-240>15% — P_MT42=Pu-242>1%,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=

S784241	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/20/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784244	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784245	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784248	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784247	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784248	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784342	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784343	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784344	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784345	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784346	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784347	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784348	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784349	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784350	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784351	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784352	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784353	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784354	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784355	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784356	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784357	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784358	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784359	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784360	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784362	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784363	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/06/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S784383	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/20/1978		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S790093	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S791740	CRATE					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S791742	CRATE					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/27/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S791930	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S791932	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S791935	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S792211	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	07/24/1979		08/17/2009				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S792213	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	07/19/1979		08/17/2009				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S792214	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	07/19/1979		08/17/2009				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S792215	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	07/19/1979		08/17/2009				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S792216	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	07/24/1979		08/17/2009				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793032	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/27/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793084	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793091	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793102	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/22/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793482	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793483	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793484	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=

S793487	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793483	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793687	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793688	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793689	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793690	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793691	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793692	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793693	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793694	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793695	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793696	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793697	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793698	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793699	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793701	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		02/24/2012			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793714	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979			03/22/2007	11/30/2007	Established Vent Date		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S793716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		03/31/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	07/17/2006	01/26/2004	07/17/2006	08/24/2010	Filter Change		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793718	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004					FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793721	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793725	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004					FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		10/06/2006			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	12/14/2006	01/26/2004	12/14/2006	07/13/2007			FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S793734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	03/08/2006	01/26/2004	03/08/2006	03/18/2012			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	06/18/2009	01/26/2004	06/18/2009	10/08/2009	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793745	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793748	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		01/28/2009			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793766	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	03/31/2006	01/26/2004	03/31/2006	09/02/2006			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793775	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793776	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S793778	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	05/25/2006	01/26/2004	05/25/2006	05/18/2011			FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S793781	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S794043	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	10/05/1979		08/17/2009					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S794402	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S794403	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S794406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		03/07/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S794415	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979	02/12/2007	01/26/2004	02/12/2007	07/03/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S794421	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004					FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S794449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1979		01/26/2004		01/25/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S794451	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/13/1979		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	06/18/2009	01/26/2004	06/18/2009	11/05/2009	Liner Pull		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		08/19/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S802572	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802581	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		03/27/2007				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212
S802584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		01/14/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802586	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802588	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802590	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802591	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802593	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980	02/01/2007	01/26/2004	02/01/2007	08/24/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980	01/09/2007	01/26/2004	01/09/2007	07/15/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S802624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		11/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980		01/26/2004		11/28/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802643	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		09/04/1998				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=A HOLD_FLAG=
S802644	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980		03/27/2007				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S802652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		10/25/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980		01/26/2004		12/02/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802654	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/05/1980		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980		01/26/2004		02/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980		03/27/2007		08/13/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212
S802687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/29/2004	12/31/2001	11/29/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S802683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980		01/26/2004		04/27/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980		01/26/2004		10/06/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/26/1980	11/29/2004	12/31/2001	11/29/2004	03/06/2009	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S802703	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980		01/26/2004		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802730	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1980		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1980		01/26/2004		08/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/10/1980		01/26/2004		01/11/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980		01/26/2004		03/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980		01/26/2004		02/05/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/01/1980		01/26/2004		03/10/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980		01/26/2004		10/25/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980		01/26/2004		03/04/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802790	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980		12/31/2001		04/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S802794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/20/1980		01/26/2004		02/08/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980			07/25/2006	01/25/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S802807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/21/1980		01/26/2004		01/24/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980	01/22/2007	01/26/2004	01/22/2007	07/28/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802818	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980	01/19/2007	01/26/2004	01/19/2007	06/24/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S802819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980		01/26/2004		09/02/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/19/1980	01/29/2007	01/26/2004	01/29/2007	07/11/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980	02/06/2006	01/26/2004	02/06/2006	09/22/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S802924	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802926	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802927	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S802938	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980		01/26/2004		04/14/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/1980		01/26/2004		09/16/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802949	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980		01/26/2004		11/26/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802958	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980		03/27/2007		03/22/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S802971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		06/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802972	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802973	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S802983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/15/1980		01/26/2004		02/25/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803007	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980						FALSE	FALSE	NO VENT DATE - NEED TO ESTABLISH VENT DATE P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803018	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980		01/26/2004		02/08/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980	11/03/2005	01/26/2004	11/03/2005	03/10/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980		01/26/2004		01/17/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803061	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		04/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803067	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S803079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		09/30/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803087	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S803089	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S803092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		06/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		03/27/2007		03/15/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S803095	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S803096	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1980		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S803101	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		02/25/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		09/24/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		06/09/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		09/01/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		05/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803159	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980	02/03/2006	01/26/2004	02/03/2006	09/22/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S803167	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803197	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1980						FALSE	FALSE	NO VENT DATE - NEED TO ESTABLISH VENT DATE P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		10/06/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		05/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S803619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1980		01/26/2004		10/06/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/28/1980		01/26/2004		09/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/26/2004		03/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S804926	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		01/29/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		03/27/2007		09/29/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S804967	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	11/30/2005	01/26/2004	11/30/2005	04/09/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804970	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980	03/21/2006	01/26/2004	03/21/2006	01/06/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804978	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980		01/26/2004		09/24/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804979	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/04/1980		01/26/2004		09/29/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804982	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980		01/26/2004		09/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S804985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980		03/27/2007		05/12/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 ON 102212
S804998	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980		01/26/2004		03/18/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S805060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1980		03/27/2007		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S805264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1980		01/26/2004		01/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S805286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1980		01/26/2004		08/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S805296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1980		01/26/2004		02/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981		01/26/2004		08/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	02/21/2007	01/26/2004	02/21/2007	07/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	01/17/2007	01/26/2004	01/17/2007	08/24/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S811640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		01/26/2004		08/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		03/27/2007		08/23/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S811649	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S811653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	01/18/2007	01/26/2004	01/16/2007	07/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S811660	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	01/29/2007	01/26/2004	01/29/2007	09/22/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S811664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	02/20/2007	01/26/2004	02/20/2007	07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811671	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		03/27/2007		04/09/2013		FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S811689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981		10/18/2011		07/09/2013		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S811700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981		01/26/2004		03/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/16/1981	01/29/2007	01/26/2004	01/29/2007	06/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811710	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S811711	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S811713	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S811719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981		01/26/2004		01/06/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981		01/26/2004		03/31/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981		01/26/2004		01/18/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811765	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981		01/26/2004		08/31/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811776	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981						FALSE	FALSE	NO VENT DATE - NEED TO ESTABLISH VENT DATE Not 55-Gal — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/17/1981			07/18/2007	10/05/2011	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S811784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981		01/26/2004		09/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811793	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	06/02/2005	01/26/2004	06/02/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811794	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S811798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	02/24/2007	01/26/2004	02/24/2007	08/22/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

S811808	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981		01/28/2004		04/14/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981		01/28/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981		03/27/2007		04/18/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S811828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981			10/13/2006	03/05/2009	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S811839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		09/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811848	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	01/29/2007	01/28/2004	01/29/2007	08/28/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		01/18/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811853	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		01/28/2004		03/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811855	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	01/31/2007	01/28/2004	01/31/2007	07/11/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811857	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981	01/31/2007	01/28/2004	01/31/2007	09/28/2007		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		01/28/2004		01/17/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811864	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		03/27/2007		12/26/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S811874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		01/28/2004		12/10/2005		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/06/1981		03/27/2007		07/03/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S811884	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981		01/28/2004				FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811885	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981		01/28/2004				FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811886	OTHER					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/08/1981		01/28/2004				FALSE	FALSE	Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		09/29/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		01/05/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811920	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		01/18/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S811922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/17/2009	01/28/2004	08/17/2009	09/17/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/28/2004		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	01/18/2007	01/28/2004	01/18/2007	05/18/2011		FALSE	FALSE	H-3 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	06/15/2005	01/28/2004	06/15/2005	04/03/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/28/2004		01/31/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/28/2004		04/27/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813222	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/28/2004		06/15/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813225	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	01/29/1981		11/30/1998				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/28/2004		11/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813282	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	01/28/1981		11/30/1998				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		09/08/2006		FALSE	FALSE	Aerosol cans --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		02/08/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	02/24/2007	01/28/2004	02/24/2007	09/30/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		10/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813315	CRATE					LA-MSG04.001	CCP-AK-LANL-010	S4200	01/28/1981		11/30/1998				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	02/24/2007	01/28/2004	02/24/2007	08/24/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S813336	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813338	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813347	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/18/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		11/30/1998		11/14/2008		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S813361	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/28/2004		02/01/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S813362	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	08/22/2009	01/26/2004	08/22/2009	10/16/2009	Liner Pull	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	10/31/2006	01/26/2004	10/31/2006	04/27/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	01/29/2007	01/26/2004	01/29/2007	08/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/26/2004		02/17/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		03/27/2007		08/23/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412
S813390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981	03/01/2006	01/26/2004	03/01/2006	11/18/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/26/2004		11/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/05/1981		01/26/2004		03/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	01/22/2007	01/26/2004	01/22/2007	08/24/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		02/25/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		01/27/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981			07/31/2008	09/12/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S813439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	01/24/2007	01/26/2004	01/24/2007	08/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		01/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813461	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	02/23/2007	01/26/2004	02/23/2007	10/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		05/13/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981			02/26/2007	03/28/2006	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S813473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	01/29/2007	01/26/2004	01/29/2007	06/28/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813477	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		04/03/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981	06/22/2009	01/26/2004	06/22/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		06/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		01/17/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	02/26/2007	01/26/2004	02/26/2007	09/09/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813526	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813527	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813528	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813529	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813534	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S813540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981		01/26/2004		12/13/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	08/08/2009	01/26/2004	08/08/2009	02/16/2010	Liner Pull	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1981	01/30/2007	01/26/2004	01/30/2007	09/06/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813566	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	01/31/2007	01/26/2004	01/31/2007	08/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981		01/26/2004		08/18/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981		01/26/2004		05/20/2006		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981	01/30/2007	01/26/2004	01/30/2007	07/08/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1981		01/26/2004		07/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813608	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1981		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813628	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=

S813631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981		01/26/2004		04/03/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		08/30/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		10/08/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		01/26/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		09/24/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		03/27/2007		06/19/2013		FALSE	FALSE	P_MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S813675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1981		01/26/2004		01/06/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		02/09/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S813690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	02/24/2007	01/26/2004	02/24/2007	07/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		03/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	06/22/2009	01/26/2004	06/22/2009	04/19/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	06/12/2009	01/26/2004	06/12/2009	04/21/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	05/06/2005	01/26/2004	05/06/2005	11/18/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981		01/26/2004		09/29/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814895	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981		01/26/2004		11/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981		01/26/2004		06/17/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S814900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981			01/26/2007	06/05/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S815126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981		01/26/2004		09/24/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	10/11/2006	01/26/2004	10/11/2006	04/09/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981		01/26/2004		07/23/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815136	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981		01/26/2004		10/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815137	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/06/1981	06/19/2009	01/26/2004	06/19/2009	10/11/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981	06/19/2009	01/26/2004	06/19/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		11/28/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815156	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		09/24/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815164	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		04/22/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		01/18/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S815170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1981		01/26/2004		04/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816216	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816217	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816218	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816219	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816220	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816221	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816222	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816223	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816224	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816225	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816226	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		05/21/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S816306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	02/28/2006	01/26/2004	02/28/2006	06/19/2006		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		01/26/2004		05/05/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981		03/27/2007		01/09/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S816335	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		09/24/2006		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/30/2007	01/26/2004	01/30/2007	09/07/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		10/15/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816348	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816349	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816350	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		05/13/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		07/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1981	10/05/2006	01/26/2004	10/05/2006	03/02/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		11/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816384	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	08/18/2009	01/26/2004	08/18/2009	11/21/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		03/27/2007		09/27/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S816391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/31/2007	01/26/2004	01/31/2007	09/11/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		01/21/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/29/2007	01/26/2004	01/29/2007	07/03/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		09/24/2006		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816396	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	01/17/2007	01/26/2004	01/17/2007	08/02/2007		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816397	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981	02/26/2007	01/26/2004	02/26/2007	01/18/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816398	SWB					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981						FALSE	FALSE	NO VENT DATE - NEED TO ESTABLISH VENT DATE P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/05/1981		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981		01/26/2004		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	12/12/2006	01/26/2004	12/12/2006	05/04/2011		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981		01/26/2004		11/16/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	08/13/2009	01/26/2004	08/13/2009	01/18/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		01/18/2008		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981		11/30/1998		09/06/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981		01/26/2004		01/18/2008		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		01/19/2008		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816449	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981	02/26/2007	01/26/2004	02/26/2007	12/04/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816453	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981		01/26/2004		04/29/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		10/11/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/04/1981		01/26/2004		02/09/2006		FALSE	FALSE	Old AK7 -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S816472	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/16/1981		07/22/2010				FALSE	FALSE	Below Grade -- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S816473	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) -- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		04/28/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816674	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981		01/26/2004		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816706	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		03/16/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S816709	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		10/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816722	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/09/1981		01/26/2004		04/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816732	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		09/24/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		03/27/2007		03/14/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 061712
S816746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		01/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981		01/26/2004		11/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		03/30/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		04/20/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816757	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	10/11/2006	01/26/2004	10/11/2006	01/18/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		06/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816791	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		06/09/2007		FALSE	FALSE	Aerosol cans --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981		01/26/2004		04/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	01/25/2007	01/26/2004	01/25/2007	11/01/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	01/19/2007	01/26/2004	01/19/2007	07/26/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981	12/19/2006	01/26/2004	12/19/2006	09/22/2007		FALSE	FALSE	(require overpacking) Aerosol cans --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/29/1981			01/26/2007	10/25/2007	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S816817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981		01/26/2004		01/06/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981		01/26/2004		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981		01/26/2004		05/18/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981		01/26/2004		06/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		08/26/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981	01/17/2007	01/26/2004	01/17/2007	02/01/2008		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S816849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	01/09/2006	01/26/2004	01/09/2006	06/11/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S816884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1981		01/26/2004		04/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981			07/26/2006	07/29/2009	Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG=
S816884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981	04/14/2005	01/26/2004	04/14/2005	07/17/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816885	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		09/13/2007		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816898	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		09/29/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		01/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		03/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816923	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		05/31/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816930	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		11/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		09/22/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S816944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		03/27/2007		05/18/2013		FALSE	FALSE	Pu-240 > 15% P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412
S816945	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/03/1981		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S817423	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S817425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		01/19/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S817426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		03/04/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S817484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		03/27/2007		06/19/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S817526	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/10/1981		01/26/2004		10/08/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S818252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		01/08/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		09/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/26/2004		07/17/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818287	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/26/2004		04/12/2006		FALSE	FALSE	QTW Y 03/21/2008 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	12/07/2004	12/31/2001	12/07/2004	07/27/2005	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S818270	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	01/07/2014	03/27/2007	01/07/2014		Vented	FALSE	FALSE	P_MT42=YES, MT_83=NO, MT_83_REPORTED > 50%=NO Actual_Default_Ventdate=D HOLD_FLAG=
S818277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981			05/22/2008	06/30/2009	Established Vent Date	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate={NULL} HOLD_FLAG=
S818278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/26/2004		10/05/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/26/2004		08/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	01/26/2006	12/31/2001	01/26/2006	02/26/2012		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S818298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981	03/06/2006	01/26/2004	03/06/2006	05/31/2012		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		08/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/02/1981		01/26/2004		03/18/2012		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		03/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		07/29/2009		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		01/08/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818344	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981	12/02/2005	01/26/2004	12/02/2005	04/06/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818356	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/01/1981		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		04/14/2007		FALSE	FALSE	QTW Y 03/21/2008 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818385	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		11/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818387	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		03/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		04/10/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981	12/19/2005	01/26/2004	12/19/2005	05/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		03/04/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		04/04/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S818436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1981		01/26/2004		12/02/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821172	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	07/16/2009	01/26/2004	07/16/2009	12/04/2011	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	08/06/2009	01/26/2004	08/06/2009	01/14/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	12/05/2005	01/26/2004	12/05/2005	05/29/2007		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982		01/26/2004		04/30/2006		FALSE	FALSE	QTW Y 03/21/2008 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	08/29/2009	01/26/2004	08/29/2009	10/31/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	11/10/2005	01/26/2004	11/10/2005	04/09/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	02/15/2007	01/26/2004	02/15/2007	02/08/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S821267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	03/17/2006	01/26/2004	03/17/2006	11/04/2008	VE	TRUE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	12/12/2006	01/26/2004	12/12/2006	03/03/2012		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	07/08/2009	01/26/2004	07/08/2009	10/11/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	08/29/2009	01/26/2004	08/29/2009	04/17/2013	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S822557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982		01/26/2004		07/07/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822562	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822563	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822564	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	07/16/2009	01/26/2004	07/16/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822568	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/25/2007	01/26/2004	01/25/2007	09/06/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	08/13/2009	01/26/2004	08/13/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822594	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/04/2006	01/26/2004	04/04/2006	06/15/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	12/08/2005	01/26/2004	12/08/2005	05/24/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822596	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	02/27/2006	01/26/2004	02/27/2006	09/08/2010		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	08/20/2009	01/26/2004	08/20/2009	02/17/2010	Liner Pull	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	03/06/2006	01/26/2004	03/06/2006	09/26/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	06/08/2006	01/26/2004	06/08/2006	04/16/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	12/05/2005	01/26/2004	12/05/2005	04/06/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/24/2006	01/26/2004	04/24/2006	06/16/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982		01/26/2004		04/28/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982		01/26/2004		04/09/2006		FALSE	FALSE	QTW Y --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	12/08/2005	01/26/2004	12/08/2005	04/21/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822639	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1982		03/27/2007				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S822648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	07/21/2009	01/26/2004	07/21/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822658	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822663	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982		01/26/2004		09/22/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	07/24/2009	01/26/2004	07/24/2009	01/09/2010	Liner Pull	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822669	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/10/1982		03/27/2007				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 110413
S822673	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/26/2007	01/26/2004	01/26/2007	07/29/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822676	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	02/26/2007	01/26/2004	02/26/2007	07/13/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822685	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822688	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822689	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822691	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	10/12/2006	01/26/2004	10/12/2006	02/09/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822705	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	12/11/2006	01/26/2004	12/11/2006	09/12/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822717	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	08/05/2009	01/26/2004	08/05/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	08/29/2009	01/26/2004	08/29/2009	10/31/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822741	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822742	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S822744	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	06/29/2009	01/26/2004	06/29/2009	11/05/2009	Liner Pull	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	08/06/2009	12/31/2001	08/06/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S822755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	01/24/2007	01/26/2004	01/24/2007	08/02/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S822763	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	07/30/2009	01/26/2004	07/30/2009	01/14/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822764	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	04/02/2009	12/31/2001	04/02/2009			FALSE	FALSE	RPKGD into 81725 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S822765	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	02/23/2011	12/31/2001	02/23/2011			FALSE	FALSE	RPKGD into 88329 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S822769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/09/1982	07/08/2009	01/26/2004	07/08/2009	09/17/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982		01/26/2004		01/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/16/1982	01/18/2007	01/26/2004	01/18/2007	10/12/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822781	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	05/15/2009	12/31/2001	05/15/2009			FALSE	FALSE	RPKGD into 82163 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S822783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	06/19/2009	01/26/2004	06/19/2009	09/17/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	07/21/2009	01/26/2004	07/21/2009	11/22/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822796	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		09/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	02/26/2007	01/26/2004	02/26/2007	09/08/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		08/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822811	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	12/05/2006	01/26/2004	12/05/2006	11/04/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S822814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		04/14/2007		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		05/18/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822835	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	03/07/2006	01/26/2004	03/07/2006	08/01/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		03/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822853	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	03/30/2009	12/31/2001	03/30/2009			FALSE	FALSE	RPKGD into 81668 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S822865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	01/17/2007	01/26/2004	01/17/2007	07/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S822868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/27/2006	01/26/2004	01/27/2006	06/11/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S822869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	02/23/2007	01/26/2004	02/23/2007	09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822870	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		01/26/2004		11/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982		03/27/2007		05/12/2013		FALSE	FALSE	P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S822875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/10/1982	08/06/2009	01/26/2004	08/06/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/25/2006	01/26/2004	01/25/2006	01/21/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		05/12/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	07/17/2006	01/26/2004	07/17/2006	02/06/2011	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/31/2007	01/26/2004	01/31/2007	02/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822900	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		04/07/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822912	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/20/2006	01/26/2004	01/20/2006	04/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		03/16/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	04/08/2005	01/26/2004	04/08/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		03/11/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822937	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		05/05/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	07/11/2009	01/26/2004	07/11/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		03/27/2007		03/17/2013		FALSE	FALSE	MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S822951	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	08/06/2009	01/26/2004	08/06/2009	02/09/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		04/03/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S822987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		02/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823010	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S823017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982		01/26/2004		04/14/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/25/2007	01/26/2004	01/25/2007	08/15/2007			FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S823031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1982	01/11/2007	01/26/2004	01/11/2007	09/08/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/11/2009	01/26/2004	07/11/2009	05/08/2012	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823053	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/21/2007	01/26/2004	02/21/2007	07/26/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823056	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		04/03/2006			FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823066	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/26/2007	01/26/2004	02/26/2007	07/26/2007			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		04/28/2006			FALSE	FALSE	QTW Y 03/21/2008 QTW2308 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823068	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		06/12/2009			FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		04/07/2006			FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823075	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/24/2011	12/31/2001	02/24/2011				FALSE	FALSE	RPKGD Into 88355 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823077	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010					FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S823078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		03/27/2007		03/17/2013			FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S823083	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	04/12/2010	12/31/2001	04/12/2010			VE	TRUE	FALSE	RPKGD Into 85134 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	03/21/2006	01/26/2004	03/21/2006	05/21/2011	VE		TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		04/04/2006			FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823095	CRATE					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982		12/31/2001					FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823096	CRATE					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982		12/31/2001					FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823097	CRATE					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982		12/31/2001					FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823098	CRATE					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/02/1982		12/31/2001					FALSE	FALSE	P_MT42=MT 42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823109	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	03/24/2009	12/31/2001	03/24/2009				FALSE	FALSE	RPKGD Into 81601 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		05/07/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	05/22/2006	01/26/2004	05/22/2006	02/17/2012			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823128	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	07/21/2009	01/26/2004	07/21/2009	01/29/2010	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Unknown, Actual_Default_Ventdate=D HOLD_FLAG=
S823131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		05/14/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823140	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	01/22/2011	12/31/2001	01/22/2011				FALSE	FALSE	RPKGD Into 88028 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	05/10/2006	01/26/2004	05/10/2006	06/16/2011			FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823146	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		04/29/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		05/05/2008			FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982		01/26/2004		10/15/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/21/2009	01/26/2004	07/21/2009	12/04/2011	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982		01/26/2004		04/09/2006			FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823173	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1982	02/01/2010	12/31/2001	02/01/2010				FALSE	FALSE	RPKGD Into 84139 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	08/06/2009	01/26/2004	08/06/2009	11/18/2009	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823193	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	02/25/2011	12/31/2001	02/25/2011				FALSE	FALSE	RPKGD Into 88357 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982		01/26/2004		04/30/2008			FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	07/15/2005	01/26/2004	07/15/2005	04/16/2011			FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823205	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	06/17/2009	12/31/2001	06/17/2009				FALSE	FALSE	RPKGD Into 82482 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982		01/26/2004		10/01/2005			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823236	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1982	06/01/2009	12/31/2001	06/01/2009				FALSE	FALSE	RPKGD Into 82296 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S823244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	08/05/2009	01/26/2004	08/05/2009	04/26/2012	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	08/18/2009	01/26/2004	08/18/2009	01/14/2010	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	07/08/2009	01/26/2004	07/08/2009	09/17/2009	Liner Pull		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S823252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	07/08/2009	01/26/2004	07/08/2009	01/12/2013	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	12/05/2005	01/26/2004	12/05/2005	03/09/2008			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S823307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	01/26/2006	01/26/2004	01/26/2006	01/08/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	07/30/2009	01/26/2004	07/30/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S823318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982		01/26/2004		04/29/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824055	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	12/05/2005	01/26/2004	12/05/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824063	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	06/22/2006	01/26/2004	06/22/2006	10/18/2010		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/15/1982	07/08/2009	01/26/2004	07/08/2009	11/18/2009	Liner Pull	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S824084	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	07/17/2009	01/26/2004	07/17/2009	01/18/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	11/17/2005	01/26/2004	11/17/2005	05/13/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	01/18/2007	01/26/2004	01/18/2007	06/18/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	07/17/2009	01/26/2004	07/17/2009	01/18/2013	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		09/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824096	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	03/08/2006	01/26/2004	03/08/2006	06/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824101	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824107	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/23/2009	01/26/2004	07/23/2009	01/18/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	03/15/2006	01/26/2004	03/15/2006	06/22/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	12/06/2005	01/26/2004	12/06/2005	03/24/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824115	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		04/20/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	01/11/2007	01/26/2004	01/11/2007	09/12/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	07/29/2009	01/26/2004	07/29/2009	11/22/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824124	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		06/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		03/10/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	02/21/2007	01/26/2004	02/21/2007	09/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982		01/26/2004		04/03/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	02/22/2007	01/26/2004	02/22/2007	09/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824135	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1982	11/14/2005	01/26/2004	11/14/2005	09/29/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824141	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	05/22/2006	01/26/2004	05/22/2006	11/30/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	08/04/2009	01/26/2004	08/04/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982		01/26/2004		01/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S824155	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982		01/26/2004		04/20/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824156	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824157	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824158	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824160	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		03/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824162	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	05/17/2006	01/26/2004	05/17/2006	03/22/2012		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	12/03/2005	01/26/2004	12/03/2005	05/14/2006	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824178	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	03/17/2006	01/26/2004	03/17/2006	11/04/2006	VE	TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/12/2005	01/26/2004	07/12/2005	11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	05/03/2005	01/26/2004	05/03/2005	08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/23/2009	01/26/2004	07/23/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		03/26/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S824214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		06/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	12/05/2005	01/26/2004	12/05/2005	03/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	04/18/2005	01/26/2004	04/18/2005	07/01/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	06/01/2006	01/26/2004	06/01/2006	03/10/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	01/25/2007	01/26/2004	01/25/2007	08/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		04/20/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	08/04/2009	01/26/2004	08/04/2009	04/21/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/11/2009	01/26/2004	07/11/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		06/02/2007		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	12/05/2005	01/26/2004	12/05/2005	02/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		04/03/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		03/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824443	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824444	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/02/1982	07/23/2009	01/26/2004	07/23/2009	11/05/2009	Liner Pull	FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	01/31/2007	01/26/2004	01/31/2007	07/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824452	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824453	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824465	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		03/27/2007		05/09/2013		FALSE	FALSE	Pu-240 > 15% MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212
S824468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	01/24/2007	01/26/2004	01/24/2007	09/07/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		04/12/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	05/02/2006	01/26/2004	05/02/2006	02/24/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824497	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	06/29/2006	01/26/2004	06/29/2006	02/22/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	07/31/2009	01/26/2004	07/31/2009	04/21/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		04/04/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	06/25/2006	01/26/2004	06/25/2006	03/22/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824526	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004				FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982		01/26/2004		04/20/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	07/24/2009	01/26/2004	07/24/2009	02/11/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	08/19/2009	01/26/2004	08/19/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982		01/26/2004		08/25/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/01/1982	03/08/2006	01/26/2004	03/08/2006	05/17/2011		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824553	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	07/30/2009	01/26/2004	07/30/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	01/19/2006	01/26/2004	01/19/2006	05/12/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	11/14/2005	01/26/2004	11/14/2005	07/13/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982		01/26/2004		04/23/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	02/03/2006	01/26/2004	02/03/2006	05/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/16/2006	01/26/2004	08/16/2006	10/24/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824599	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		08/10/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S824600	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		05/21/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S824603	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	06/17/2006	01/26/2004	06/17/2006	06/18/2007	VE	TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		03/27/2007		04/17/2013		FALSE	FALSE	P_MT42=Yes, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S824608	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1982	12/12/2005	01/26/2004	12/12/2005	04/07/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	02/14/2006	01/26/2004	02/14/2006	06/01/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		04/23/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/04/1982	07/23/2009	01/26/2004	07/23/2009	11/22/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		03/27/2007		08/13/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S824672	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824673	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	03/17/2006	01/26/2004	03/17/2006	09/14/2007	VE	TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/17/2009	01/26/2004	07/17/2009	01/07/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	01/19/2006	01/26/2004	01/19/2006	04/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	06/25/2009	01/26/2004	06/25/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	05/31/2006	01/26/2004	05/31/2006	10/06/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824695	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824696	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824704	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/17/2009	01/26/2004	07/17/2009	03/09/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824948	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		03/27/2007		12/21/2012		FALSE	FALSE	MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S824947	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	05/17/2006	01/26/2004	05/17/2006	10/06/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/12/2009	01/26/2004	07/12/2009	04/21/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824953	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		04/20/2006		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824960	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/22/2009	01/26/2004	07/22/2009	11/05/2009	Liner Pull	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824962	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	12/02/2005	01/26/2004	12/02/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824963	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/22/2009	01/26/2004	07/22/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824964	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824974	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		04/30/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824980	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/12/2009	01/26/2004	07/12/2009	11/15/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		04/20/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		04/27/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S824988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	11/10/2005	01/26/2004	11/10/2005	06/23/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824992	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824995	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S824996	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/08/2006	01/26/2004	02/08/2006	09/19/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S824997	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/21/2009	01/26/2004	07/21/2009	11/21/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	03/30/2006	01/26/2004	03/30/2006	09/29/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825013	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	09/17/2009	01/26/2004	09/17/2009	09/17/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/22/2009	01/26/2004	07/22/2009	07/26/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825018	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	02/23/2011	12/31/2001	02/23/2011		VE	TRUE	FALSE	RPKGD into 68327 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S825023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		05/13/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S825027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		05/05/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825029	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/15/2009	01/26/2004	07/15/2009	10/11/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/07/2006	01/26/2004	02/07/2006	05/21/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		04/23/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825033	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	08/18/2009	01/26/2004	08/18/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	02/07/2006	01/26/2004	02/07/2006	05/18/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/15/2009	01/26/2004	07/15/2009	02/05/2010	Liner Pull	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/24/2009	01/26/2004	07/24/2009	07/28/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		04/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825637	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	04/07/2005	01/26/2004	04/07/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/15/2009	01/26/2004	07/15/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		04/07/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982		01/26/2004		04/03/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825662	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S825677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	07/24/2009	01/26/2004	07/24/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/10/1982	06/17/2008	01/26/2004	06/17/2008	08/31/2011	VE	TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825695	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	08/17/2005	01/26/2004	08/17/2005	11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825697	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	08/11/2006	01/26/2004	08/11/2006	10/15/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825700	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	01/31/2007	01/26/2004	01/31/2007	08/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		01/26/2004		04/30/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		01/26/2004		08/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825722	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	06/02/2005	01/26/2004	06/02/2005			FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982		01/26/2004		03/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		01/26/2004		05/05/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825734	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	01/19/2006	01/26/2004	01/19/2006	04/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825735	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	07/14/2009	01/26/2004	07/14/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825757	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	08/14/2006	01/26/2004	08/14/2006	09/22/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825776	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	06/07/2005	01/26/2004	06/07/2005	05/06/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	01/19/2006	01/26/2004	01/19/2006	04/23/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	12/06/2006	01/26/2004	12/06/2006	06/07/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	02/15/2006	01/26/2004	02/15/2006	06/11/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825785	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	04/05/2006	01/26/2004	04/05/2006	01/21/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	12/02/2005	01/26/2004	12/02/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		12/31/2001		04/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S825794	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		01/26/2004		01/15/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	07/14/2009	01/26/2004	07/14/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825798	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1982		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S825802	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982		01/26/2004		03/18/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825803	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	03/30/2006	01/26/2004	03/30/2006	01/18/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825804	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	01/20/2006	01/26/2004	01/20/2006	04/21/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825805	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1982	12/02/2005	01/26/2004	12/02/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825808	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/21/2009	01/26/2004	07/21/2009	10/18/2009	Liner Pull	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825811	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		12/31/2001			Denested from SWB	FALSE	FALSE	SUSPECTED S3000 — P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd INTO SB10136 on 070913 Denested from SWB on 012214
S825813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		10/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S825820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	02/07/2006	01/26/2004	02/07/2006	05/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825836	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982		01/26/2004		04/29/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825838	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	01/24/2006	01/26/2004	01/24/2006	05/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	06/13/2006	01/26/2004	06/13/2006	04/29/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825840	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	06/29/2006	01/26/2004	06/29/2006	10/06/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825843	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	11/28/2005	01/26/2004	11/28/2005	09/13/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825844	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	08/05/2009	01/26/2004	08/05/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	07/21/2009	01/26/2004	07/21/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825847	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982	11/30/2005	01/26/2004	11/30/2005	04/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	07/21/2009	01/26/2004	07/21/2009	11/18/2009	Liner Pull	FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S825889	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	08/11/2009	01/26/2004	08/11/2009	02/16/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/28/1982		03/27/2007		05/12/2013		FALSE	FALSE	P_MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S825897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	03/30/2006	01/26/2004	03/30/2006	03/23/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825898	55G				EMPLACED_CNTR .	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	03/30/2006	01/26/2004	03/30/2006	06/22/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	12/07/2006	01/26/2004	12/07/2006	06/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S825918	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/29/1982	01/31/2007	01/26/2004	01/31/2007	06/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832132	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S832134	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S832135	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S832139	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		03/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832151	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	03/14/2006	01/26/2004	03/14/2006	11/18/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832167	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/18/2006	01/26/2004	08/18/2006	10/08/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		04/03/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		04/21/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		04/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		05/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	09/21/2005	01/26/2004	09/21/2005	11/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/16/2006	01/26/2004	08/16/2006	09/23/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/08/2005	01/26/2004	06/08/2005	03/29/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	06/21/2005	01/26/2004	06/21/2005	04/27/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		03/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		03/26/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832202	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		03/22/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	01/17/2007	01/26/2004	01/17/2007	09/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	07/21/2009	01/26/2004	07/21/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832210	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S832218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	04/05/2006	01/26/2004	04/05/2006	10/06/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/10/2005	01/26/2004	08/10/2005	01/27/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S832252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/10/2005	01/26/2004	08/10/2005	05/18/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983		01/26/2004		10/10/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	07/30/2009	01/26/2004	07/30/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		11/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		04/07/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		04/07/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	07/20/2005		07/20/2005	12/10/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S832271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		04/29/2011		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S832282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	07/17/2009	01/26/2004	07/17/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832283	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	07/14/2009	01/26/2004	07/14/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	01/17/2007	01/26/2004	01/17/2007	08/29/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S832288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		04/12/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		03/26/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	02/07/2006	01/26/2004	02/07/2006	08/15/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/18/2006	01/26/2004	04/18/2006	08/15/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/06/2005	01/26/2004	06/06/2005	07/15/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832305	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	08/04/2009	01/26/2004	08/04/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	07/01/2009	01/26/2004	07/01/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	05/03/2006	01/26/2004	05/03/2006	08/15/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	12/11/2005	01/26/2004	12/11/2005	03/31/2006	VE	TRUE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832333	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/04/2005	01/26/2004	08/04/2005	09/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		05/21/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	07/14/2009	01/26/2004	07/14/2009	01/09/2010	Liner Pull	FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		03/27/2007		07/08/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 120412
S832353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		05/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		05/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	01/25/2006	01/26/2004	01/25/2006	03/10/2012		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	02/10/2006	01/26/2004	02/10/2006	05/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	05/18/2006	01/26/2004	05/18/2006	03/15/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	08/11/2005	01/26/2004	08/11/2005	12/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		03/26/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		03/26/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	04/04/2006	01/26/2004	04/04/2006	03/18/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832383	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		04/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832389	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	02/26/2007	01/26/2004	02/26/2007	07/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	08/17/2009	01/26/2004	08/17/2009	04/19/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		03/12/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832405	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832406	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	02/07/2006	01/26/2004	02/07/2006	04/29/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832410	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	05/01/2006	01/26/2004	05/01/2006	07/23/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832411	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983	02/08/2006	01/26/2004	02/08/2006	05/21/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S832413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832415	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		03/26/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832417	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/02/1983		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		09/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	11/28/2005	01/26/2004	11/28/2005	04/21/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832429	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/16/2006	01/26/2004	08/16/2006	10/15/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832430	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/23/2005	01/26/2004	08/23/2005	02/24/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/25/2005	01/26/2004	08/25/2005	05/10/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		04/07/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		03/26/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		03/22/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	03/02/2006	01/26/2004	03/02/2006	09/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832443	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	01/03/2006	01/26/2004	01/03/2006	05/11/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832445	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	02/22/2007	01/26/2004	02/22/2007	01/16/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/07/2005	01/26/2004	06/07/2005	09/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832450	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		12/31/2001		Denested from SWB		FALSE	FALSE	SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP - Rpkgd INTO SB10138 on 070913 Denested from SWB on 012214
S832454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		03/10/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/08/2005	01/26/2004	06/08/2005	03/14/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832459	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/06/2005	01/26/2004	06/06/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832460	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/21/2006	01/26/2004	06/21/2006	03/07/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/20/2009	01/26/2004	08/20/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		03/26/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		04/20/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		05/17/2011		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	03/02/2006	01/26/2004	03/02/2006	04/21/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832483	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		04/14/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/06/2005	01/26/2004	06/06/2005	05/24/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832489	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/28/2005	01/26/2004	11/28/2005	04/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	06/07/2005	01/26/2004	06/07/2005	10/04/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	08/14/2006	01/26/2004	08/14/2006	09/08/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832492	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/08/2005	01/26/2004	06/08/2005	03/09/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983	01/04/2006	01/26/2004	01/04/2006	04/09/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/25/2006	01/26/2004	04/25/2006	08/24/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1983		01/26/2004		04/23/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832510	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		04/21/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		01/16/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/16/2005	01/26/2004	08/16/2005	03/14/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/22/2005	01/26/2004	06/22/2005	10/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832517	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	11/28/2005	01/26/2004	11/28/2005	04/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/03/2006	01/26/2004	04/03/2006	07/11/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	03/23/2006	01/26/2004	03/23/2006	09/30/2008		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S832520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/27/2005	01/26/2004	06/27/2005	01/18/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		04/04/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		05/24/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		10/06/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S832535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		05/25/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		05/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832543	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S832544	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S832545	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S832557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/01/2009	01/26/2004	07/01/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	06/23/2005	01/26/2004	06/23/2005	02/15/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/05/2005	01/26/2004	08/05/2005	01/14/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832564	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		03/28/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832566	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	05/31/2006	01/26/2004	05/31/2006	07/15/2009		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/08/2005	01/26/2004	08/08/2005	11/23/2010		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/28/2005	01/26/2004	08/28/2005	01/05/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		03/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S832620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/26/1983	08/09/2005	01/26/2004	08/09/2005	01/20/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		02/18/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		03/28/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833012	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		04/12/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833032	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	07/01/2009	01/26/2004	07/01/2009	10/31/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833034	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		01/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/09/2005	01/26/2004	08/09/2005	01/14/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833067	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		04/09/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	07/29/2009	01/26/2004	07/29/2009	04/26/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/13/2006	01/26/2004	02/13/2006	05/24/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	12/20/2005	01/26/2004	12/20/2005	04/06/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833081	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	04/19/2006	01/26/2004	04/19/2006	11/17/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		04/12/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833091	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/17/2006	01/26/2004	03/17/2006	06/07/2011	VE	TRUE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/02/2006	01/26/2004	03/02/2006	07/07/2011		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833098	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		12/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	09/21/2005	01/26/2004	09/21/2005	07/26/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833103	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/10/2005	01/26/2004	08/10/2005	06/13/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833104	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	04/05/2006	01/26/2004	04/05/2006	11/18/2010		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833105	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983	08/10/2005	01/26/2004	08/10/2005	03/21/2012		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/13/1983		01/26/2004		04/23/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		03/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S833119	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/01/2006	01/26/2004	03/01/2006	05/10/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	04/26/2008	01/26/2004	04/26/2006	03/06/2009		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833214	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/03/2006	01/26/2004	02/03/2006	03/30/2006		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833215	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	07/31/2009	01/26/2004	07/31/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		05/12/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		04/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/29/2007	01/26/2004	01/29/2007	05/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833235	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	08/25/2009	01/26/2004	08/25/2009	10/31/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	08/28/2005	01/26/2004	08/28/2005	08/04/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	12/22/2005	01/26/2004	12/22/2005	03/30/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/04/2006	01/26/2004	01/04/2006	04/01/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833255	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		01/11/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833257	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833272	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	06/28/2005	01/26/2004	06/28/2005	05/26/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	08/28/2005	01/26/2004	08/28/2005	01/28/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	12/08/2005	01/26/2004	12/08/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	01/23/2006	01/26/2004	01/23/2006	04/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	07/17/2009	01/26/2004	07/17/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833289	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	07/01/2009	01/26/2004	07/01/2009	11/15/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833293	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	02/26/2007	01/26/2004	02/26/2007	07/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	12/06/2006	01/26/2004	12/06/2006	01/06/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833310	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/03/2006	01/26/2004	03/03/2006	09/29/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833311	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/17/1983	03/14/2006	01/26/2004	03/14/2006	09/01/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833336	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		04/22/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	01/04/2006	01/26/2004	01/04/2006	03/30/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833349	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S833350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	01/04/2007	01/26/2004	01/04/2007	07/28/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S833351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		02/08/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		02/16/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	12/22/2005	01/26/2004	12/22/2005	04/03/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833360	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	12/21/2005	01/26/2004	12/21/2005	06/07/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833403	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	01/04/2006	01/26/2004	01/04/2006	03/31/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		10/15/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833410	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	01/04/2006	01/26/2004	01/04/2006	04/19/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833416	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	03/17/2010	12/31/2001	03/17/2010		VE	TRUE	FALSE	RPKGD Into 84921 Suspected S3000 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S833420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	09/10/2005	01/26/2004	09/10/2005	09/11/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	01/27/2006	01/26/2004	01/27/2006	05/24/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	12/22/2005	01/26/2004	12/22/2005	03/26/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833434	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	12/13/2006	01/26/2004	12/13/2006	05/18/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S833437	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	03/23/2006	01/26/2004	03/23/2006	03/10/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833446	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	06/07/2005	01/26/2004	06/07/2005	09/08/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S833450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	06/09/2005	01/26/2004	06/09/2005	02/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	03/23/2006	01/26/2004	03/23/2006	04/04/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833452	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	08/10/2005	01/26/2004	08/10/2005	09/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833462	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/14/1983	08/03/2005		08/03/2005	09/11/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S833484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	06/28/2005	01/26/2004	06/28/2005	11/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	01/26/2006	01/26/2004	01/26/2006	12/02/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833488	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	11/09/2006	01/26/2004	11/09/2006	03/25/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833490	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	02/13/2007	01/26/2004	02/13/2007	05/08/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833493	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	01/16/2007	01/26/2004	01/16/2007	09/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	06/03/2005	01/26/2004	06/03/2005	09/14/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833495	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	08/11/2005	01/26/2004	08/11/2005	09/11/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833509	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		10/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	02/16/2006	01/26/2004	02/16/2006	06/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	08/13/2009	01/26/2004	08/13/2009	01/06/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833520	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S833534	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	04/20/2006	01/26/2004	04/20/2006	03/31/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833535	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	12/22/2005	01/26/2004	12/22/2005	04/20/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833539	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	02/01/2007	01/26/2004	02/01/2007	08/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833541	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/04/2005	01/26/2004	05/04/2005	03/15/2006		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833549	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	05/15/2006	01/26/2004	05/15/2006	08/15/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833555	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	01/19/2007	01/26/2004	01/19/2007	09/01/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		04/29/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833557	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	03/08/2005	01/26/2004	03/08/2005	10/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	12/01/2005	01/26/2004	12/01/2005	04/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	06/29/2005	01/26/2004	06/29/2005	07/08/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	06/02/2005	01/26/2004	06/02/2005	05/01/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833564	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		02/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		04/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		04/29/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	04/26/2006	01/26/2004	04/26/2006	08/13/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	11/28/2005	01/26/2004	11/28/2005	04/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833572	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	06/29/2005	01/26/2004	06/29/2005	02/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833573	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	01/25/2006	01/26/2004	01/25/2006	06/13/2012		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	11/09/2006	01/26/2004	11/09/2006	09/22/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	12/20/2005	01/26/2004	12/20/2005	04/23/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1983	08/11/2005	01/26/2004	08/11/2005	09/14/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983		01/26/2004		09/09/2010		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	07/28/2005	01/26/2004	07/28/2005	01/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	03/01/2006	01/26/2004	03/01/2006	11/24/2010		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833829	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	07/28/2005	01/26/2004	07/28/2005	05/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	03/02/2006	01/26/2004	03/02/2006	11/18/2010		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	01/09/2006	01/26/2004	01/09/2006	04/22/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	02/28/2007	01/26/2004	02/28/2007	08/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833849	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983		01/26/2004		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S833882	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	03/02/2006	01/26/2004	03/02/2006	04/27/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	02/14/2006	01/26/2004	02/14/2006	06/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833884	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	02/15/2006	01/26/2004	02/15/2006	06/17/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833869	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	07/17/2009	01/26/2004	07/17/2009	09/13/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833876	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983		01/26/2004		05/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833888	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	02/22/2007	01/26/2004	02/22/2007	09/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/09/2006	01/26/2004	01/09/2006	05/26/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		06/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/18/2007	01/26/2004	01/18/2007	09/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		04/30/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	02/03/2006	01/26/2004	02/03/2006	05/13/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833904	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	05/02/2006	01/26/2004	05/02/2006	01/25/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	12/21/2005	01/26/2004	12/21/2005	03/31/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833906	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	02/21/2006	01/26/2004	02/21/2006	06/23/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833911	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	04/20/2006	01/26/2004	04/20/2006	04/14/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833919	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1983	01/19/2007	01/26/2004	01/19/2007	09/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833927	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S833930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833932	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/26/2007	01/26/2004	01/26/2007	03/16/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833933	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/25/2007	01/26/2004	01/25/2007	10/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833934	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/13/1983		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S833939	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833940	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		06/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833941	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		07/15/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833943	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	08/11/2005	01/26/2004	08/11/2005	01/08/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S833946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		12/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834341	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	08/05/2005	01/26/2004	08/05/2005	12/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	12/13/2005	01/26/2004	12/13/2005	04/07/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	01/03/2006	01/26/2004	01/03/2006	04/06/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		10/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983		01/26/2004		04/07/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/14/1983	11/09/2006	01/26/2004	11/09/2006	03/25/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834378	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	11/08/2006	01/26/2004	11/08/2006	10/18/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834379	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	12/13/2005	01/26/2004	12/13/2005	06/16/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	02/13/2006	01/26/2004	02/13/2006	10/18/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834388	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/24/1983	02/21/2007	01/26/2004	02/21/2007	10/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	08/12/2005	01/26/2004	08/12/2005	05/17/2010		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	02/10/2006	01/26/2004	02/10/2006	06/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	03/02/2006	01/26/2004	03/02/2006	03/31/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	11/09/2006	01/26/2004	11/09/2006	06/28/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834410	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/17/2005	01/26/2004	08/17/2005	01/08/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834414	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		10/26/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834421	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/16/2005	01/26/2004	08/16/2005	01/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834423	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		12/31/2001				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S834424	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		02/05/2007		FALSE	FALSE	QTW Y 03/21/2006 QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/14/2006	01/26/2004	02/14/2006	06/06/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834439	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/22/1983	08/18/2005	01/26/2004	08/18/2005	01/26/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834440	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	03/23/2006	01/26/2004	03/23/2006	02/17/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834441	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/18/2005	01/26/2004	08/18/2005	01/20/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834442	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		06/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		05/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834450	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		02/01/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834460	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834467	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	12/13/2006	01/26/2004	12/13/2006	05/26/2007		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834468	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	08/17/2005	01/26/2004	08/17/2005	12/22/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834469	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	12/05/2005	01/26/2004	12/05/2005	03/09/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	10/17/2005	01/26/2004	10/17/2005	04/22/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		10/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		06/04/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834484	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	01/05/2006	01/26/2004	01/05/2006	04/01/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834485	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/02/2006	01/26/2004	02/02/2006	05/05/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	03/07/2005	01/26/2004	03/07/2005	09/06/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834503	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	01/09/2006	01/26/2004	01/09/2006	05/14/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983	02/22/2007	01/26/2004	02/22/2007	08/02/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834507	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		12/07/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S834511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1983		01/26/2004		10/01/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834518	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/17/2005	01/26/2004	10/17/2005	06/12/2012		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	08/18/2005	01/26/2004	08/18/2005	01/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834521	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	08/18/2005	01/26/2004	08/18/2005	01/26/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834533	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	08/18/2005	01/26/2004	08/18/2005	01/14/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	12/03/2005	01/26/2004	12/03/2005	06/02/2006	VE	TRUE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S834540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983		01/26/2004		04/07/2006		FALSE	FALSE	QTW Y --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834568	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	05/10/2002		05/10/2002	07/20/2012	Established Vent Date	FALSE	FALSE	Old AK7 Not 55-Gal --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S834570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/24/2005	01/26/2004	10/24/2005	02/09/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	03/02/2006	01/26/2004	03/02/2006	04/27/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834583	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/24/2005	01/26/2004	10/24/2005	03/04/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/24/2005	01/26/2004	10/24/2005	02/19/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	02/06/2006	01/26/2004	02/06/2006	06/22/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	10/18/2005	01/26/2004	10/18/2005	03/24/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/16/2006	01/26/2004	10/16/2006	03/31/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983		01/26/2004		02/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834606	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	12/21/2005	01/26/2004	12/21/2005	03/30/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	12/07/2005	01/26/2004	12/07/2005	03/07/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/24/2005	01/26/2004	10/24/2005	02/17/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	12/20/2005	01/26/2004	12/20/2005	04/01/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S834615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	02/21/2006	01/26/2004	02/21/2006	06/08/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	02/10/2006	01/26/2004	02/10/2006	06/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/25/2005	01/26/2004	10/25/2005	02/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/24/2005	01/26/2004	10/24/2005	03/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/19/2005	01/26/2004	10/19/2005	05/04/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834656	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/11/2009	12/31/2001	02/11/2009		VE	TRUE	FALSE	RPKGD into 81335 thru 81342 SUSPECTED 53000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S834657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	12/21/2005	01/26/2004	12/21/2005	04/01/2008		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834658	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/26/2005	01/26/2004	10/26/2005	03/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/26/2005	01/26/2004	10/26/2005	02/19/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834666	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	12/16/2005	01/26/2004	12/16/2005	02/09/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	01/24/2007	01/26/2004	01/24/2007	07/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/26/2005	01/26/2004	10/26/2005	02/12/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/26/2005	01/26/2004	10/26/2005	03/18/2012		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834690	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	02/26/2007	01/26/2004	02/26/2007	07/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/09/1983	01/26/2006	01/26/2004	01/26/2006	06/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834702	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		10/11/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834707	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	01/26/2007	01/26/2004	01/26/2007	06/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834708	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/11/2008	01/26/2004	10/11/2008	01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834712	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	12/21/2005	01/26/2004	12/21/2005	04/06/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/25/2005	01/26/2004	10/25/2005	02/12/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834715	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/26/2005	01/26/2004	10/26/2005	02/12/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834719	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/14/2006	01/26/2004	02/14/2006	05/26/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/27/2005	01/26/2004	10/27/2005	02/17/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	07/17/2009	01/26/2004	07/17/2009	01/16/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834738	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	03/01/2006	01/26/2004	03/01/2006	03/09/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/18/2005	01/26/2004	10/18/2005	02/12/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834740	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		04/03/2008		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	03/23/2006	01/26/2004	03/23/2006	05/24/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834742	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	10/27/2005	01/26/2004	10/27/2005	02/12/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834743	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	12/14/2005	01/26/2004	12/14/2005	04/30/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834744	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/19/2006	01/26/2004	01/19/2006	04/13/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834745	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983	03/03/2006	01/26/2004	03/03/2006	11/22/2010		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1983		01/26/2004		06/11/2008		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S834747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/26/2007	01/26/2004	01/26/2007	09/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/01/2006	01/26/2004	02/01/2006	06/04/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S834767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	11/29/2005	01/26/2004	11/29/2005	03/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/26/2007	01/26/2004	01/26/2007	07/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/21/2006	01/26/2004	02/21/2006	06/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/23/2006	01/26/2004	01/23/2006	05/14/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/25/2007	01/26/2004	01/25/2007	06/02/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/21/2006	01/26/2004	02/21/2006	06/26/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/25/2006	01/26/2004	01/25/2006	01/21/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S835298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/08/2006	01/26/2004	02/08/2006	06/16/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		09/22/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835331	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/17/2006	01/26/2004	02/17/2006	06/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835348	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		05/13/2008		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835349	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/22/2005	01/26/2004	12/22/2005	04/07/2008		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835352	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		04/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835358	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		11/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/13/2005	01/26/2004	12/13/2005	03/30/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	10/27/2005	01/26/2004	10/27/2005	03/04/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835381	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		03/18/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835390	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/07/2005	01/26/2004	12/07/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835391	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/17/2006	01/26/2004	02/17/2006	06/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835392	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/03/2006	01/26/2004	02/03/2006	11/28/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/17/2006	01/26/2004	01/17/2006	04/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/26/2006	01/26/2004	01/26/2006	04/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835408	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	01/27/2006	01/26/2004	01/27/2006	05/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	12/15/2005	01/26/2004	12/15/2005	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835428	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983	02/17/2006	01/26/2004	02/17/2006	06/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835431	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		02/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S835433	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/30/1983		01/26/2004		06/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S840798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	12/10/2005	01/26/2004	12/10/2005	10/26/2006	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S841241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/25/2006	01/26/2004	01/25/2006	06/24/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841246	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	02/03/2006	01/26/2004	02/03/2006	05/14/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	02/21/2006	01/26/2004	02/21/2006	06/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841252	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841257	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S841259	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S841260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	02/10/2006	01/26/2004	02/10/2006	05/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		02/28/2012		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	02/26/2007	01/26/2004	02/26/2007	09/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		03/22/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		09/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841267	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		07/01/2012		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841274	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	05/01/2006	01/26/2004	05/01/2006	04/15/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	08/17/2005	01/26/2004	08/17/2005	01/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	12/14/2005	01/26/2004	12/14/2005	04/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	03/15/2006	01/26/2004	03/15/2006	05/05/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841278	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/25/2006	01/26/2004	01/25/2006	04/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841280	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	11/29/2005	01/26/2004	11/29/2005	04/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S841281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	05/01/2006	01/26/2004	05/01/2006	03/17/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841298	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	12/10/2005	01/26/2004	12/10/2005	03/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/24/2006	01/26/2004	01/24/2006	05/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/25/2006	01/26/2004	01/25/2006	03/08/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	06/07/2005	01/26/2004	06/07/2005	11/22/2010		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	10/28/2005	01/26/2004	10/28/2005	02/17/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	12/15/2005	01/26/2004	12/15/2005	04/07/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841331	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		04/05/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841332	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	08/08/2005		08/08/2005	04/19/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S841334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	12/15/2005	01/26/2004	12/15/2005	04/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		01/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/03/2006	01/26/2004	03/03/2006	04/14/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841622	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841631	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S841632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/16/2006	01/26/2004	03/16/2006	11/04/2008	VE	TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=MT42 Mix,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841634	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/02/2006	01/26/2004	02/02/2006	04/26/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S841636	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/06/2006	01/26/2004	02/06/2006	06/17/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842175	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	12/08/2005	01/26/2004	12/08/2005	05/25/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		01/26/2004		03/08/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842184	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade SUSPECTED S3000 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP
S842185	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S842186	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S842216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	05/07/2005	12/31/2001	05/07/2005	04/05/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S842217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/03/2006	01/26/2004	02/03/2006	05/26/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/15/2006	01/26/2004	02/15/2006	06/01/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		01/26/2004		05/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		01/26/2004		04/29/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842253	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	02/17/2006	01/26/2004	02/17/2006	06/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		10/13/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		03/27/2007		05/31/2013		FALSE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212
S842315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984		01/26/2004		03/02/2012		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	07/21/2009	01/26/2004	07/21/2009	02/19/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		04/12/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842321	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	11/20/2005	01/26/2004	11/20/2005	03/10/2006	VE	TRUE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842342	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/16/2006	01/26/2004	02/16/2006	06/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842352	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S842355	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/17/2009	01/26/2004	07/17/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	12/15/2005	01/26/2004	12/15/2005	04/04/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	02/17/2006	01/26/2004	02/17/2006	06/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	10/28/2005	01/26/2004	10/28/2005	02/17/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/15/1984	01/17/2007	01/26/2004	01/17/2007	09/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842382	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	04/15/2005	01/26/2004	04/15/2005	10/05/2011		FALSE	FALSE	QTW2308 REQUIRE OVERPACKING — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842386	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		04/29/2006		FALSE	FALSE	QTW Y 03/21/2006 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842391	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S842392	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=

S842398	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		04/21/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842399	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/08/2006	01/26/2004	02/08/2006	08/19/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/08/2006	01/26/2004	02/08/2006	12/02/2008		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842402	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/16/2006	01/26/2004	02/16/2006	08/22/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842407	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	01/18/2007	01/26/2004	01/18/2007	07/15/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842412	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	01/27/2006	01/26/2004	01/27/2006	05/05/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842413	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	04/11/2005	01/26/2004	04/11/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842418	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		04/12/2006		FALSE	FALSE	QTW Y 03/21/2008 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	03/03/2006	01/26/2004	03/03/2006	09/08/2010		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842426	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/08/2006	01/26/2004	02/08/2006	08/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842427	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/03/2006	01/26/2004	02/03/2006	03/22/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842432	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	01/10/2006	01/26/2004	01/10/2006	05/25/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842436	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	01/19/2006	01/26/2004	01/19/2006	04/28/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842438	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		09/30/2008		FALSE	FALSE	P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842447	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	04/24/2006	01/26/2004	04/24/2006	10/08/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984		01/26/2004		05/21/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/13/2007	01/26/2004	02/13/2007	01/08/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842472	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	03/21/2006	01/26/2004	03/21/2006	10/19/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842474	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/17/2006	01/26/2004	02/17/2006	09/09/2010		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842478	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	06/30/2005	01/26/2004	06/30/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/14/2006	01/26/2004	02/14/2006	08/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	02/21/2006	01/26/2004	02/21/2006	08/15/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		09/29/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		11/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	02/08/2006	01/26/2004	02/08/2006	08/22/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842503	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/02/2006	01/26/2004	02/02/2006	08/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/09/2006	01/26/2004	01/09/2006	06/03/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/27/2006	01/26/2004	01/27/2006	05/07/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/17/2006	01/26/2004	02/17/2006	08/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842519	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842527	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/03/2006	01/26/2004	02/03/2006	01/27/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/24/2007	01/26/2004	01/24/2007	07/08/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842542	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/18/2006	01/26/2004	02/18/2006	08/22/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842547	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S842549	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S842555	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/08/2006	01/26/2004	02/08/2006	08/03/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842560	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S842570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984		01/26/2004		04/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843537	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/24/2007	01/26/2004	01/24/2007	07/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S843538	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		05/21/2008		FALSE	FALSE	QTW Y 03/21/2008 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		02/06/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843564	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/10/2005	01/26/2004	12/10/2005	03/24/2008		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S843565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		03/27/2007		03/20/2013		FALSE	FALSE	MT42=No, MT_83=Yes-0, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S843568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/10/2006	01/26/2004	01/10/2006	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	08/23/2006	01/26/2004	08/23/2006	09/08/2012	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843570	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		01/27/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		03/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843581	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843584	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		05/14/2006		FALSE	FALSE	QTW Y 03/21/2008 QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843590	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		04/21/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/11/2006	01/26/2004	08/11/2006	08/08/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		03/14/2006		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843602	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/07/2005	01/26/2004	12/07/2005	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843604	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/17/2005	01/26/2004	12/17/2005	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843606	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/31/2006	01/26/2004	03/31/2006	07/26/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/24/2006	01/26/2004	04/24/2006	09/26/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/07/2005	01/26/2004	12/07/2005	03/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/17/2005	01/26/2004	08/17/2005	01/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/24/2006	01/26/2004	01/24/2006	04/25/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843616	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/22/2006	01/26/2004	03/22/2006	01/11/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843617	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/09/2006	01/26/2004	02/09/2006	05/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843620	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		08/21/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843627	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/07/2005	01/26/2004	12/07/2005	03/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/08/2005	01/26/2004	04/08/2005	03/31/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		06/04/2006		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S843669	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S843670	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/08/2006	01/26/2004	02/08/2006	08/16/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/04/2005	01/26/2004	12/04/2005	03/10/2006	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843680	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		12/31/2001		04/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S843807	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	01/05/2006	01/26/2004	01/05/2006	09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S843809	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	03/15/2006	01/26/2004	03/15/2006	10/15/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S843810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	03/28/2006	01/26/2004	03/28/2006	02/02/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S843819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	05/16/2005	01/26/2004	05/16/2005	04/18/2009		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S843822	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	08/16/2006	01/26/2004	08/16/2006	09/28/2007		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844009	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984	03/07/2005	01/26/2004	03/07/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844011	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1984		12/31/2001		09/11/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	12/19/2005	01/26/2004	12/19/2005	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844148	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/14/1984	01/25/2007		01/25/2007	02/19/2010		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S844162	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	02/02/2006	01/26/2004	02/02/2006	06/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844163	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	12/04/2006	01/26/2004	12/04/2006	09/07/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	01/05/2006	01/26/2004	01/05/2006	05/14/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844190	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S844198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		12/03/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844200	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	07/21/2009	01/26/2004	07/21/2009	11/15/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S844203	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	12/17/2005	01/26/2004	12/17/2005	05/07/2008		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	08/25/2009	01/26/2004	08/25/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/10/2005	01/26/2004	11/10/2005	03/09/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844217	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/15/2006	01/26/2004	02/15/2006	08/18/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	11/30/2005	01/26/2004	11/30/2005	03/31/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	05/14/2005	01/26/2004	05/14/2005	09/11/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		01/28/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844228	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	08/18/2005	01/26/2004	08/18/2005	10/07/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	01/26/2007	01/26/2004	01/26/2007	06/24/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		06/04/2008		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S844243	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		06/11/2008		FALSE	FALSE	P_MT42=MT42 Mix,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844248	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S844248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	12/04/2008	01/26/2004	12/04/2008	09/13/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844256	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	04/12/2005	01/26/2004	04/12/2005	07/01/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	08/30/2004		08/30/2004	05/08/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S844262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/02/2006	01/26/2004	02/02/2006	05/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844263	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/21/2006	01/26/2004	02/21/2006	06/11/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	10/28/2005	01/26/2004	10/28/2005	03/04/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844266	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/05/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S844270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		10/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		04/29/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844275	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	08/18/2005	01/26/2004	08/18/2005	10/13/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844276	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		03/27/2007		04/02/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 061712
S844277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	08/30/2004		08/30/2004	05/27/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S844278	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		03/09/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844281	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		12/16/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844286	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	04/26/2005	01/26/2004	04/26/2005	11/16/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	11/29/2006	01/26/2004	11/29/2006	06/02/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	07/29/2009	01/26/2004	07/29/2009	01/09/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844295	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844298	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/21/2006	01/26/2004	02/21/2006	06/07/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844299	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/16/2006	01/26/2004	02/16/2006	06/10/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844300	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	11/30/2005	01/26/2004	11/30/2005	04/20/2008		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		03/08/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	03/03/2006	01/26/2004	03/03/2006	10/04/2010		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844307	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	03/08/2006	01/26/2004	03/08/2006	07/08/2012		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844325	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/13/2006	01/26/2004	02/13/2006	06/04/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844326	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/22/2006	01/26/2004	02/22/2006	06/04/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844343	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/16/2006	01/26/2004	02/16/2006	05/24/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	03/01/2006	01/26/2004	03/01/2006	12/16/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S844345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/02/2006	01/26/2004	02/02/2006	05/25/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	03/01/2006	01/26/2004	03/01/2006	10/14/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844455	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/13/1984	10/16/2006	01/26/2004	10/16/2006	07/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/16/2006	01/26/2004	02/16/2006	06/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	02/17/2006	01/26/2004	02/17/2006	06/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844566	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S844568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		06/15/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	05/16/2005	01/26/2004	05/16/2005	08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/28/2006	01/26/2004	03/28/2006	06/06/2011	VE	TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/29/2005	01/26/2004	03/29/2005	07/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/26/2004		11/03/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844591	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/26/2004		03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	01/10/2006	01/26/2004	01/10/2006	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844593	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	11/10/2005	01/26/2004	11/10/2005	02/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844595	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		03/27/2007		06/09/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S844597	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	01/30/2007	01/26/2004	01/30/2007	09/14/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844598	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	06/09/2005	01/26/2004	06/09/2005	09/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	12/19/2005	01/26/2004	12/19/2005	03/30/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	01/18/2006	01/26/2004	01/18/2006	04/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	02/08/2006	01/26/2004	02/08/2006	08/19/2009		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/26/2004		05/14/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844629	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/26/2004		01/18/2007		FALSE	FALSE	(require overpacking) — P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844632	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S844633	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S844634	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S844648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	01/23/2006	01/26/2004	01/23/2006	04/21/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	01/24/2007	01/26/2004	01/24/2007	03/20/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844649	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	01/09/2006	01/26/2004	01/09/2006	04/09/2006		FALSE	FALSE	QTW Y QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/02/2006	01/26/2004	02/02/2006	05/20/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844657	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	12/16/2005	01/26/2004	12/16/2005	05/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	11/02/2005	01/26/2004	11/02/2005	08/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/01/2006	01/26/2004	02/01/2006	06/28/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844667	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	01/24/2006	12/31/2001	01/24/2006	07/07/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S844669	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984	03/22/2006	01/26/2004	03/22/2006	06/02/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/21/2006	01/26/2004	02/21/2006	05/19/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	03/01/2006	01/26/2004	03/01/2006	03/01/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844693	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/08/1984	12/20/2005	01/26/2004	12/20/2005	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	01/10/2006	01/26/2004	01/10/2006	05/12/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844698	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/02/2006	01/26/2004	02/02/2006	05/17/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844710	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	02/21/2006	01/26/2004	02/21/2006	10/26/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844718	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/10/1984		01/26/2004		03/30/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844882	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/26/2004		11/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S844944	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	04/25/2005	01/26/2004	04/25/2005	11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S844946	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/09/1984	08/27/2005	01/28/2004	08/27/2005	05/19/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845002	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/28/2004		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	05/04/2005	01/28/2004	05/04/2005	06/12/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845020	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	02/07/2006	01/28/2004	02/07/2006	06/22/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845021	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	08/12/2009	01/28/2004	08/12/2009	11/22/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845025	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/15/2006	01/28/2004	02/15/2006	06/10/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845030	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	12/15/2005	01/28/2004	12/15/2005	05/18/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845037	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	11/14/2005	01/28/2004	11/14/2005	05/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845041	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		12/31/2001		04/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S845044	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/20/2008	01/28/2004	03/20/2008	10/08/2011		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	01/27/2006	01/28/2004	01/27/2006	06/15/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845051	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		03/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845058	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	11/02/2005	01/28/2004	11/02/2005	03/07/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845064	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984		01/28/2004		09/16/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	12/07/2005	01/28/2004	12/07/2005	03/24/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845071	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	01/10/2006	01/28/2004	01/10/2006	04/28/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845073	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		04/03/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845074	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		03/27/2007		09/29/2013		FALSE	FALSE	MT42=No, MT_83=YES - 0, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 ON 102212
S845079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	12/20/2005	01/28/2004	12/20/2005	03/31/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845081	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S845083	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845084	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S845088	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/09/2006	01/28/2004	11/09/2006	09/07/2012		FALSE	FALSE	NDA NCR O/S CAL RANGE (require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/16/2006	01/28/2004	02/16/2006	06/23/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845090	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	01/20/2006	01/28/2004	01/20/2006	04/12/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		08/05/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845099	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		12/31/2001		04/22/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S845100	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	04/20/2005	01/28/2004	04/20/2005	08/01/2011		FALSE	FALSE	REQUIRE OVERPACKING --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		12/07/2006		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S845116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1984	03/24/2006	01/28/2004	03/24/2006	10/08/2011		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845117	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	12/15/2005	01/28/2004	12/15/2005	06/18/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/10/2005	01/28/2004	11/10/2005	05/31/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845123	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/14/2006	01/28/2004	02/14/2006	06/17/2008		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845152	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	12/07/2005	01/28/2004	12/07/2005	10/09/2008		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/22/2006	01/28/2004	02/22/2006	07/28/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		04/29/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845187	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/28/2004		11/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845190	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	01/10/2006	01/28/2004	01/10/2006	04/07/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845196	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/28/2004		05/15/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845204	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/08/2006	01/28/2004	02/08/2006	08/21/2009		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845205	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/30/2005	01/28/2004	11/30/2005	04/09/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845206	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	12/20/2005	01/28/2004	12/20/2005	05/26/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	12/17/2005	01/28/2004	12/17/2005	05/25/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S845208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	03/24/2006	01/26/2004	03/24/2006	04/21/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845209	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/28/2005	01/26/2004	11/28/2005	03/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/16/2006	01/26/2004	02/16/2006	05/31/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845211	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	02/14/2006	01/26/2004	02/14/2006	08/16/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845214	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S845215	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/30/1984		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S845218	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		03/27/2007				FALSE	FALSE	MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S845219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/26/2004		02/23/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845220	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	04/26/2005	01/26/2004	04/26/2005	08/24/2009		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	08/14/2006	01/26/2004	08/14/2006	07/14/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	12/20/2005	01/26/2004	12/20/2005	05/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984	11/30/2005	01/26/2004	11/30/2005	04/09/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/26/2004		04/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/17/2005	01/26/2004	05/17/2005	02/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/1984		01/26/2004		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		09/29/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		08/18/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845248	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		03/27/2007				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S845254	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/15/2006	01/26/2004	02/15/2006	12/02/2006		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845259	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/17/2005	01/26/2004	08/17/2005	08/28/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/15/2006	01/26/2004	02/15/2006	06/15/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845264	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		11/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/01/2009	01/26/2004	07/01/2009	10/22/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845319	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/19/2005	01/26/2004	04/19/2005	07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/20/2005	01/26/2004	04/20/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845350	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/10/2006	01/26/2004	02/10/2006	06/11/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	10/28/2005	01/26/2004	10/28/2005	03/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	06/15/2004		06/15/2004	03/01/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S845354	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		02/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/10/2006	01/26/2004	02/10/2006	06/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	05/25/2005	12/16/2003	05/25/2005	08/19/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S845364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	04/27/2005	01/26/2004	04/27/2005	11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	02/14/2006	01/26/2004	02/14/2006	08/17/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/24/2006	01/26/2004	01/24/2006	05/05/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	12/16/2005	01/26/2004	12/16/2005	05/07/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	02/15/2006	01/26/2004	02/15/2006	08/08/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984		01/26/2004		03/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	01/24/2006	01/26/2004	01/24/2006	06/24/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S845377	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/24/1984	07/01/2004		07/01/2004	06/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S846001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/01/2006	01/26/2004	03/01/2006	03/20/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846005	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/21/2006	01/26/2004	02/21/2006	10/19/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	07/06/2004		07/06/2004	05/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S846017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	01/24/2007		01/24/2007	06/21/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=

S846019	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	08/08/2005		08/06/2005	01/12/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S846023	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846026	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984		01/26/2004		01/18/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846030	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S846033	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S846035	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	02/10/2006	01/26/2004	02/10/2006	09/03/2009		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/01/1984	03/15/2006	01/26/2004	03/15/2006	03/31/2007		FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846039	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	12/08/2006	01/26/2004	12/08/2006	01/18/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846040	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	12/05/2006	01/26/2004	12/05/2006	07/29/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846042	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	04/20/2005	01/26/2004	04/20/2005	07/22/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	03/03/2006	01/26/2004	03/03/2006	10/06/2006		FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846052	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984		01/26/2004		10/28/2006		FALSE	FALSE	H-3 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846075	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	02/02/2006	01/26/2004	02/02/2006	05/21/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846077	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	12/16/2005	01/26/2004	12/16/2005	05/07/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846078	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	02/14/2006	01/26/2004	02/14/2006	08/18/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846079	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	04/20/2005	01/26/2004	04/20/2005	07/01/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846080	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	01/10/2006	01/26/2004	01/10/2006	03/20/2006		FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846089	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		01/26/2004		08/26/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846092	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	12/14/2005	01/26/2004	12/14/2005	08/16/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846094	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	08/17/2005	01/26/2004	08/17/2005	01/26/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846097	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	07/20/2005	01/26/2004	07/20/2005	02/23/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846106	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	06/25/2006	01/26/2004	06/25/2006	07/10/2012		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846120	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	12/21/2005	01/26/2004	12/21/2005	03/28/2006		FALSE	FALSE	QTW Y QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846122	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	02/08/2006	01/26/2004	02/08/2006	08/04/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846124	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	02/02/2006	01/26/2004	02/02/2006			FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846149	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	02/21/2006	01/26/2004	02/21/2006	05/04/2007		FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846150	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	11/15/2005	01/26/2004	11/15/2005	02/19/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/26/2005	01/26/2004	05/26/2005	08/28/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	08/08/2005		08/08/2005	12/15/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S846169	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/24/2007	12/31/2001	01/24/2007	08/24/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S846170	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		01/26/2004		08/21/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846180	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S846182	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S846183	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S846184	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	05/15/2006	01/26/2004	05/15/2006	07/05/2012		FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	01/24/2006	01/26/2004	01/24/2006	04/23/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846186	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	04/26/2006	01/26/2004	04/26/2006	07/07/2012		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846188	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	02/16/2006	01/26/2004	02/16/2006	06/22/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846197	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	10/12/2006	01/26/2004	10/12/2006	01/18/2008		FALSE	FALSE	(require overpacking) H-3 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846578	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	08/18/2005	01/26/2004	08/18/2005	10/13/2005		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846648	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/31/1984	02/13/2006	01/26/2004	02/13/2006	08/19/2006		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	07/23/2009	01/26/2004	07/23/2009	11/21/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846653	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	01/30/2007	01/26/2004	01/30/2007	07/10/2012		FALSE	FALSE	QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846661	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984		01/26/2004		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846664	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	12/15/2005	01/26/2004	12/15/2005	03/31/2006		FALSE	FALSE	QTW Y QTW2306 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1984	05/01/2008	01/26/2004	05/01/2008	09/08/2007		FALSE	FALSE	QTW2306 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S846868	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/19/1984		01/26/2004		10/06/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/19/1984	02/13/2006	01/26/2004	02/13/2006	06/15/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846875	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/19/1984		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S846716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/19/1984	07/01/2004		07/01/2004	05/04/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S851219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/18/1985		01/26/2004		09/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851401	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/27/2006	01/26/2004	06/27/2006	12/16/2006		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851409	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/21/2006	01/26/2004	06/21/2006	07/05/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851420	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	12/16/2005	01/26/2004	12/16/2005	04/06/2006		FALSE	FALSE	QTW Y QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851425	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/24/2006	01/26/2004	06/24/2006	07/17/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851428	30G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S851429	30G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S851508	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	08/18/2009	01/26/2004	08/18/2009	02/16/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/01/2006	01/26/2004	06/01/2006	03/21/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851530	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/24/2006	01/26/2004	06/24/2006	08/03/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851532	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	07/29/2009	01/26/2004	07/29/2009	04/21/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851545	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985	09/24/2009	01/26/2004	06/24/2009	04/10/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851549	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/27/2006	01/26/2004	06/27/2006	07/05/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	01/24/2006	01/26/2004	01/24/2006	04/23/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985		01/26/2004		05/07/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851578	30G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S851582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985	08/18/2006	01/26/2004	08/18/2006	09/06/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985	08/13/2009	01/26/2004	08/13/2009	01/06/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851609	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/10/1985	12/15/2005	01/26/2004	12/15/2005	05/20/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985	08/08/2005		08/08/2005	12/10/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S851612	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985		01/26/2004		03/06/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985	07/09/2009	01/26/2004	07/09/2009	11/01/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851635	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/25/2006	01/26/2004	06/25/2006	05/03/2007		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	07/09/2009	01/26/2004	07/09/2009	11/01/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	08/13/2009	01/26/2004	08/13/2009	01/07/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	07/09/2009	01/26/2004	07/09/2009	11/01/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851679	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	07/13/2009	01/26/2004	07/13/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851681	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/21/2009	01/26/2004	06/21/2009	11/01/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851693	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985	06/22/2006	01/26/2004	06/22/2006	04/21/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	03/22/2006	01/26/2004	03/22/2006	06/24/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851699	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/11/1985	02/10/2006	01/26/2004	02/10/2006	06/10/2006		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/19/2009	01/26/2004	06/19/2009	10/11/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851726	SWB					LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985		03/27/2007				FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S851729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	06/27/2006	01/26/2004	06/27/2006	08/18/2009		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851731	30G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S851732	30G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S851733	30G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S851736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985		12/31/2001		01/15/2006		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S851741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	01/16/2007	01/26/2004	01/16/2007	09/06/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851747	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	05/18/2006	01/26/2004	05/18/2006	07/06/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S851748	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	01/09/2006	01/26/2004	01/09/2006	05/04/2011		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851751	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	02/12/1985	02/08/2006	01/26/2004	02/08/2006	06/18/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985	02/09/2006	01/26/2004	02/09/2006	07/30/2009		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851754	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	01/24/2006	01/26/2004	01/24/2006	05/05/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851755	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985	01/27/2006	01/26/2004	01/27/2006	01/18/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	01/27/2006	01/26/2004	01/27/2006	07/14/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851782	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	07/29/2009	01/26/2004	07/29/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/01/2006	01/26/2004	05/01/2006	07/20/2009		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	01/25/2006	01/26/2004	01/25/2006	01/12/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851770	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	11/29/2006	01/26/2004	11/29/2006	07/17/2012		FALSE	FALSE	(require overpacking) H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851775	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985		01/26/2004		04/14/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985		01/26/2004		06/04/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851784	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	10/18/2006	01/26/2004	10/18/2006	01/24/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851787	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	09/19/2006	01/26/2004	09/19/2006	03/16/2011		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851788	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985		01/26/2004		06/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	06/06/2006	01/26/2004	06/06/2006	04/25/2012		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851801	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985		01/26/2004		04/28/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851831	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/03/2005	01/26/2004	05/03/2005	08/12/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851837	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	06/21/2009	01/26/2004	06/21/2009	07/02/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851845	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	07/13/2009	01/26/2004	07/13/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851850	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/22/1985	03/27/2006	01/26/2004	03/27/2006	11/17/2010		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851851	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/02/2006	01/26/2004	05/02/2006	04/27/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851854	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	08/17/2009	01/26/2004	08/17/2009	04/21/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	08/17/2009	01/26/2004	08/17/2009	09/17/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S851875	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985		01/26/2004		08/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852043	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/16/1985	12/04/2005	01/26/2004	12/04/2005	03/10/2006	VE	TRUE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/25/2006	01/26/2004	05/25/2006	04/21/2012		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852503	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	01/18/2006	01/26/2004	01/18/2006	04/25/2008		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852504	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985	02/01/2006	01/26/2004	02/01/2006	05/07/2008		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852506	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985	05/04/2006	01/26/2004	05/04/2006	03/18/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852507	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985	02/14/2006	01/26/2004	02/14/2006	08/15/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985		01/26/2004		11/30/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852512	30G					LA-MHD01.001	CCP-AK-LANL-006	SS400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S852516	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985		01/26/2004		06/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985	03/14/2006	01/26/2004	03/14/2006	12/03/2006		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/18/1985		01/26/2004		08/28/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852541	85G					LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/31/2005	01/26/2004	05/31/2005	09/14/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	06/24/2006	01/26/2004	06/24/2006	10/05/2011		FALSE	FALSE	REQUIRE OVERPACKING QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852567	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/31/2006	01/26/2004	05/31/2006	11/20/2010		FALSE	FALSE	(require overpacking) QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	04/25/2006	01/26/2004	04/25/2006	09/24/2006		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852569	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/01/2006	01/26/2004	05/01/2006	06/16/2009		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	03/21/1985	05/30/2006	01/26/2004	05/30/2006	05/31/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852585	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/16/1985	02/02/2006	01/26/2004	02/02/2006	05/13/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852588	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/16/1985	01/27/2006	01/26/2004	01/27/2006	01/18/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852587	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	04/16/1985	02/08/2006	01/26/2004	02/08/2006	08/15/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S852589	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/16/2006	01/26/2004	02/16/2006	06/15/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852882	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	04/14/2009	12/31/1999	04/14/2009			FALSE	FALSE	RPKGD into 81839 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S852885	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	03/31/2009	12/31/1999	03/31/2009			FALSE	FALSE	RPKGD into 81686 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S852886	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/25/2011	12/31/1999	02/25/2011			FALSE	FALSE	RPKGD into 88369 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S852891	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	03/29/2005	01/26/2004	03/29/2005	10/01/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	08/04/2009	01/26/2004	08/04/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852908	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		04/28/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852909	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	08/13/2009	01/26/2004	08/13/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	10/10/2006	01/26/2004	10/10/2006	01/27/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		07/21/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852927	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/08/2006	01/26/2004	02/08/2006	05/26/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852930	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	08/02/2005	01/26/2004	08/02/2005	09/14/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852957	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		09/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/01/2006	01/26/2004	02/01/2006	01/06/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852984	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/14/2006	01/26/2004	02/14/2006	06/17/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852985	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/10/2006	01/26/2004	02/10/2006	04/13/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	02/09/2006	01/26/2004	02/09/2006	05/24/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852987	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	05/13/2005	01/26/2004	05/13/2005	03/01/2012		FALSE	FALSE	REQUIRE OVERPACKING QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	01/09/2006	01/26/2004	01/09/2006	05/20/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	03/29/2006	01/26/2004	03/29/2006	10/04/2010	VE	TRUE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S852992	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	01/25/2007	12/31/2001	01/25/2007	06/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S852994	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985		01/26/2004		04/05/2007		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853001	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	10/16/2006	01/26/2004	10/16/2006	03/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853022	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	11/30/2005	01/26/2004	11/30/2005	05/13/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853023	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	11/30/2005	01/26/2004	11/30/2005	03/09/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853024	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	12/20/2005	01/26/2004	12/20/2005	04/07/2006		FALSE	FALSE	QTW Y QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853064	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S853066	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S853087	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	05/04/2005	01/26/2004	05/04/2005	09/14/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853072	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/16/1985	06/24/2009	01/26/2004	06/24/2009	01/13/2013	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		03/27/2007		05/16/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S853270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		03/27/2007		03/30/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S853278	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853282	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	08/19/2009	01/26/2004	08/19/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853284	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853287	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	03/31/2009	12/31/1999	03/31/2009			FALSE	FALSE	RPKGD into 81686 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853289	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/05/2010	12/31/1999	02/05/2010			FALSE	FALSE	RPKGD was 84188 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853291	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/14/1985	02/02/2006	01/26/2004	02/02/2006	05/21/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/06/2005	01/26/2004	04/06/2005	02/19/2006		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853294	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/05/2005	01/26/2004	04/05/2005	07/07/2005		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/19/2006	01/26/2004	04/19/2006	07/25/2012		FALSE	FALSE	QTW2306 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853320	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	03/23/2009	12/31/1999	03/23/2009			FALSE	FALSE	RPKGD into 81591 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853323	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	06/20/2006	01/26/2004	06/20/2006	09/12/2012		FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S853324	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853328	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		03/27/2007		06/04/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S853351	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853453	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		03/27/2007				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 071413
S853456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	04/15/2005	01/26/2004	04/15/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853476	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	01/09/2006	01/26/2004	01/09/2006	06/10/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S853479	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	08/24/2006	01/26/2004	08/24/2006	07/08/2009	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S853494	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853495	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	02/24/2011	12/31/1999	02/25/2011			FALSE	FALSE	RPKGD into 68367 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853497	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	04/02/2009	12/31/1999	04/02/2009			FALSE	FALSE	RPKGD into 81733 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853547	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		04/14/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853549	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		09/11/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	10/26/2006	01/26/2004	10/26/2006	04/27/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853561	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	05/14/2005	01/26/2004	05/14/2005	08/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853562	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1985		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853619	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	02/10/2006	01/26/2004	02/10/2006	06/02/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853621	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S853622	30G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/03/1985		07/22/2010				FALSE	FALSE	Below Grade — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=[NULL], Actual_Default_Ventdate=D HOLD_FLAG=
S853626	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		03/27/2007		12/26/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712
S853630	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985	03/29/2005	01/26/2004	03/29/2005	03/17/2011		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853631	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		12/31/2001		05/15/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S853642	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	01/22/2010	12/31/1999	01/22/2010		VE	TRUE	FALSE	RPKGD into 84000 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853643	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/10/1985		12/31/1999		07/23/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	03/07/2005	01/26/2004	03/07/2005	08/23/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853712	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	12/14/2010	12/31/1999	12/14/2010			FALSE	FALSE	RPKGD into 87797 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853713	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	03/17/2005	01/26/2004	03/17/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853715	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985	01/21/2010	12/31/1999	01/21/2010			FALSE	FALSE	RPKGD into 83998 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853721	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		05/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853725	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		08/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		09/16/2003		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S853729	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81705 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/09/1985		01/26/2004		03/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853736	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	06/02/2005	01/26/2004	06/02/2005	06/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853737	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	02/11/2010	12/31/1999	02/11/2010			FALSE	FALSE	RPKGD into 84270 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853773	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81703 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985		01/26/2004		09/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	06/01/2005	01/26/2004	06/01/2005	11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853814	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	02/11/2010	12/31/1999	02/11/2010			FALSE	FALSE	RPKGD into 84267 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853815	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1985	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81709 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853818	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81697 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853821	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/20/1985	04/27/2005	01/26/2004	04/27/2006	07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S853825	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		12/31/2001		05/15/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S853827	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		01/26/2004		08/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853832	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	12/03/2005	01/26/2004	12/03/2005	03/09/2006	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	03/27/2006	01/26/2004	03/27/2006	03/04/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853839	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	04/01/2005	01/26/2004	04/01/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853842	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	11/10/2009	12/31/1999	11/10/2009		VE	TRUE	FALSE	RPKGD into 83567 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/21/1985	03/10/2006	01/26/2004	03/10/2006	08/23/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853862	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/21/1985		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853867	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	04/15/2005	01/26/2004	04/15/2005	08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853868	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		03/27/2007				FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S853874	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	07/06/2004		07/06/2004	05/06/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S853877	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	06/26/2006	01/26/2004	06/26/2006	09/15/2009		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853879	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	04/20/2005	01/26/2004	04/20/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853883	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S853884	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	03/26/2009	12/31/1999	03/26/2009			FALSE	FALSE	RPKGD into 81647 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S853887	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	04/03/2006	01/26/2004	04/03/2006	01/18/2010		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S853890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/21/1985	03/15/2006	01/26/2004	03/15/2006	01/08/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S853892	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	05/23/2005	01/26/2004	05/23/2005	08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853893	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	08/18/2005	01/26/2004	08/18/2005	10/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853897	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985	04/20/2005	01/26/2004	04/20/2005	07/17/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S853901	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/17/1985		03/27/2007		06/09/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S854574	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		03/27/2007		08/20/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.01 ON 111212
S854575	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		01/26/2004		05/22/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854576	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		01/26/2004		01/31/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854577	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/21/1985	04/26/2005	01/26/2004	04/26/2005	07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		03/27/2007		05/30/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 ON 102212
S854592	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	08/20/1985		01/26/2004		11/05/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854599	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	11/20/1985	04/02/2009	12/31/1999	04/02/2009			FALSE	FALSE	RPKGD into 81729 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S854601	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985	04/12/2010	12/31/1999	04/12/2010		VE	TRUE	FALSE	RPKGD into 85129 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S854605	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/20/1985	04/20/2005	01/26/2004	04/20/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854610	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/17/1985	05/23/2005	01/26/2004	05/23/2005	08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854613	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985		12/31/2001		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S854614	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/17/1985	02/22/2007	01/26/2004	02/22/2007	09/06/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854615	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985	08/13/2006	01/26/2004	08/13/2006	02/27/2008	VE	TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854640	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/17/1985	03/30/2005	01/26/2004	03/30/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/17/1985		01/26/2004		06/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854654	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S854655	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	12/17/1985	07/07/2004		07/07/2004	05/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855127	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985	01/25/2010	12/31/1999	01/25/2010			FALSE	FALSE	RPKGD into 84019 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855128	55G					LA-MHD01.001	CCP-AK-LANL-006	SS400	11/20/1985	01/20/2010	12/31/1999	01/20/2010			FALSE	FALSE	RPKGD into 83973 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855131	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	11/20/1985		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855133	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985		01/26/2004		08/09/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855140	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	SS400	10/10/1985		03/27/2007		03/22/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 081712

S855182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	03/07/2005	01/26/2004	03/07/2005	09/11/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855183	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		08/28/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855189	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		01/26/2004		06/26/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855202	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	03/23/2009	12/31/1999	03/23/2009			FALSE	FALSE	RPKGD into 81585 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855213	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	06/25/2005	01/26/2004	06/25/2005	02/17/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855231	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		01/26/2004		06/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855232	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	04/13/2005	01/26/2004	04/13/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	07/23/2009	01/26/2004	07/23/2009	01/14/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855237	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	08/16/2005	01/26/2004	08/16/2005	10/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855241	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855248	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		01/26/2004		02/09/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		03/27/2007		01/09/2013		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK DR044 ON 061712
S855249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	06/17/2009	01/26/2004	06/17/2009	09/17/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855260	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/28/2006	01/26/2004	02/28/2006	10/26/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855276	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	12/22/2009	12/31/1999	12/22/2009			FALSE	FALSE	RPKGD into 83817 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855285	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	07/15/2004		07/15/2004	05/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855286	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		05/14/2013				FALSE	FALSE	DENESTED DRUMS FROM SWB SB10051 P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855297	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/26/2007	01/26/2004	02/26/2007	07/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	02/22/2007	01/26/2004	02/22/2007	09/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855303	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	12/07/2004	12/31/2001	12/07/2004	11/17/2006	Filter Change	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985		03/27/2007		04/17/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO LA-MHD01.001 FROM LA-CIN01.001 ON 011413
S855512	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		03/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855513	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		05/13/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855515	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/24/2005	01/26/2004	05/24/2005	08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855520	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		12/31/2001		07/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855523	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/19/2005	01/26/2004	04/19/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855525	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/16/2006	01/26/2004	02/16/2006	06/10/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855532	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		12/08/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855550	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/10/2009	01/26/2004	08/10/2009	01/06/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855554	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		03/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855563	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/10/2009	01/26/2004	07/10/2009	11/21/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855579	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855582	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		12/31/2001		05/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855584	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	02/20/2011	12/31/1999	02/20/2011			FALSE	FALSE	RPKGD into 88313 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855585	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/08/2010	12/31/1999	01/08/2010		VE	TRUE	FALSE	RPKGD into 83881 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855611	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	04/08/2005	01/26/2004	04/08/2005	09/29/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855618	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/10/1985	07/21/2009	01/26/2004	07/21/2009	11/03/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855623	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	08/18/2005	01/26/2004	08/18/2005	10/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		12/31/2001		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855628	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/04/2005	01/26/2004	05/04/2005	06/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855631	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/02/2009	12/31/1999	04/02/2009			FALSE	FALSE	RPKGD into 81731 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		10/07/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855645	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		01/18/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S855647	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/26/2005	01/26/2004	05/26/2005	07/26/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855648	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/23/2009	12/31/1999	03/23/2009			FALSE	FALSE	RPKGD into 81593 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855649	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	01/20/2010	12/31/1999	01/20/2010			FALSE	FALSE	RPKGD into 83981 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855671	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	05/18/2012		05/18/2012	07/17/2012	Established Vent Date	FALSE	FALSE	Not 55-Gal — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S855674	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985		01/26/2004		05/24/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855684	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/01/2009	01/26/2004	07/01/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		03/17/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855691	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	07/30/2009	01/26/2004	07/30/2009	11/18/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855692	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		12/31/2001		05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855694	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		04/04/2006		FALSE	FALSE	QTW Y — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855769	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	04/19/2005	01/26/2004	04/19/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		09/06/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		08/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		02/23/2007		FALSE	FALSE	H-3 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985	03/08/2006	01/26/2004	03/08/2006	01/21/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855800	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/20/1985		01/26/2004		06/18/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985		12/31/2001		05/04/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855817	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855834	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/21/2010	12/31/1999	01/21/2010		VE	TRUE	FALSE	RPKGD into 83987 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855838	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81701 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855839	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	02/25/2011	12/31/1999	02/25/2011			FALSE	FALSE	RPKGD into 88359 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855859	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/26/2006		01/26/2006	09/24/2008		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855886	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	07/21/2009	01/26/2004	07/21/2009	11/15/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/06/2005		01/06/2005	09/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S855893	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	02/23/2010	12/31/1999	02/23/2010			FALSE	FALSE	RPKGD into 84438 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	05/17/2006	01/26/2004	05/17/2006	03/02/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855905	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/25/2006	01/26/2004	01/25/2006	04/28/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855908	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/20/2010	12/31/1999	01/20/2010			FALSE	FALSE	RPKGD into 83985 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855910	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	01/30/2007	01/26/2004	01/30/2007	05/26/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855922	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	03/30/2005	01/26/2004	03/30/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S855938	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	02/25/2009	12/31/1999	02/25/2009			FALSE	FALSE	RPKGD into 81402 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S855945	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	08/12/2010	12/31/1999	08/12/2010			FALSE	FALSE	RPKGD into 86861 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO
S855946	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/18/1985	01/06/2010	12/31/1999	01/06/2010			FALSE	FALSE	RPKGD into 83871 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S856116	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S856118	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	04/28/2005	01/26/2004	04/28/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S856121	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/1985	04/13/2005	01/26/2004	04/13/2005	07/17/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860002	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/21/2010	12/31/1999	01/21/2010			FALSE	FALSE	RPKGD into 83996 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860003	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	12/01/2005	01/26/2004	12/01/2005	01/11/2007	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S860004	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	03/31/2006	01/26/2004	03/31/2006	01/26/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S860007	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	11/03/2005	01/26/2004	11/03/2005	05/19/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S860008	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81713 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860012	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/15/2004		07/15/2004	09/30/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S860034	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/11/2010	12/31/1999	01/11/2010			FALSE	FALSE	RPKGD into 83891 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860035	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	03/24/2009	12/31/1999	03/24/2009			FALSE	FALSE	RPKGD into 81599 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860036,	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/11/2010	12/31/1999	02/11/2010			FALSE	FALSE	RPKGD into 84254 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860043	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	04/08/2009	12/31/1999	04/08/2009			FALSE	FALSE	RPKGD into 81760 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT

S860053	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	07/26/2010	12/31/1999	07/26/2010		VE	TRUE	FALSE	RPKGD into 86709 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860054	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81711 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860059	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986		01/26/2004		04/29/2012		FALSE	FALSE	REQUIRE OVERPACKING QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860060	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	05/30/2006	01/26/2004	05/30/2006	10/04/2011		FALSE	FALSE	(require overpacking) QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860069	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986		01/26/2004		01/24/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860070	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/06/2005		01/06/2005	04/05/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S860078	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/24/2011	12/31/1999	02/24/2011			FALSE	FALSE	RPKGD into 88353 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860080	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	01/20/2010	12/31/1999	01/20/2010			FALSE	FALSE	RPKGD into 83975 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860082	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	05/28/2009	12/31/1999	05/28/2009			FALSE	FALSE	RPKGD into 82279 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860083	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	02/24/2011	12/31/1999	02/24/2011			FALSE	FALSE	RPKGD into 88341 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860084	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	03/20/2009	12/31/1999	03/20/2009			FALSE	FALSE	RPKGD into 81585 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860112	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	08/28/2006	01/26/2004	08/28/2006	07/25/2012		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860142	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/11/2006	12/31/2001	12/11/2006	01/16/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S860143	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	05/03/2005	01/26/2004	05/03/2005	08/12/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860165	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	08/13/2009	01/26/2004	08/13/2009	01/31/2010	Liner Pull	FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860166	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/28/2005	01/26/2004	04/28/2005	07/17/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860167	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/29/2010	12/31/1999	01/29/2010			FALSE	FALSE	RPKGD into SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860168	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/22/2009	12/31/1999	12/22/2009		VE	TRUE	FALSE	RPKGD into 83809 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S860179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	08/13/2009	01/26/2004	08/13/2009	05/11/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860181	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	07/13/2009	01/26/2004	07/13/2009	05/10/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S860185	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/05/2005	01/26/2004	05/05/2005	08/12/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861726	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/21/2005	01/26/2004	04/21/2005	09/08/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861729	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/18/2005	01/26/2004	05/18/2005	11/16/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861741	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/28/2005	01/26/2004	04/28/2005	07/17/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861747	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/21/2010	12/31/1999	01/21/2010			FALSE	FALSE	RPKGD into 83994 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861750	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		09/17/2003		07/17/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S861752	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/26/2009	12/31/1999	05/26/2009			FALSE	FALSE	RPKGD into 82236 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861761	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/05/2005	01/26/2004	04/05/2005	08/12/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861767	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/25/2005	01/26/2004	05/25/2005	04/29/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861771	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861772	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/11/2005	01/26/2004	04/11/2005	07/01/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861774	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		12/31/2001		05/08/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S861780	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	07/07/2004		07/07/2004	08/08/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S861783	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		07/20/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861789	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	04/21/2005	01/26/2004	04/21/2005	04/16/2011		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861791	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1986	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81707 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861792	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/28/2010	12/31/1999	01/28/2010			FALSE	FALSE	RPKGD into 84083 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT S
S861793	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	03/31/2009	12/31/1999	03/31/2009			FALSE	FALSE	RPKGD into 81695 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861794	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	01/21/2010	12/31/1999	01/21/2010			FALSE	FALSE	RPKGD into 83992 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/07/2006		12/07/2006	09/23/2010		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=A HOLD_FLAG=
S861799	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	07/21/2009	01/26/2004	07/21/2009	05/12/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861810	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		06/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861812	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	12/18/2006	01/26/2004	12/18/2006	10/12/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
S861813	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861814	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1986	05/26/2005	01/26/2004	05/26/2005	09/08/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S861815	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400		07/07/2010	12/31/1999	07/07/2010			FALSE	FALSE	RPKGD into 86401 86403 SUSPECTED S3000 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861816	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1988	01/18/2006	01/26/2004	01/18/2006	06/10/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S861820	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	02/02/2006	01/26/2004	02/02/2006	06/04/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S861826	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	04/06/2005	01/26/2004	04/06/2005	12/10/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861947	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	01/22/2010	12/31/1999	01/22/2010			FALSE	FALSE	RPKGD into 84005 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861948	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	03/31/2010	12/31/1999	03/31/2010		VE	TRUE	FALSE	RPKGD into 85005 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861950	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	05/28/2009	12/31/1999	05/28/2009			FALSE	FALSE	RPKGD into 82271 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S861952	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	05/23/2005	01/26/2004	05/23/2005	08/18/2009		FALSE	FALSE	QTW2308 (require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861954	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988		01/26/2004		04/30/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861956	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	01/11/2007		01/11/2007	07/26/2007		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S861972	55G				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988			04/25/2013		Established Vent Date	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861986	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988		01/26/2004		02/22/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S861988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988		01/26/2004		12/03/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862002	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	03/31/2009	12/31/1999	03/31/2009			FALSE	FALSE	RPKGD into 81676 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862003	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	05/28/2009	12/31/1999	05/28/2009			FALSE	FALSE	RPKGD into 82273 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862006	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988		01/26/2004		05/28/2008		FALSE	FALSE	(require overpacking) --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S862016	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	11/06/2006	01/26/2004	11/06/2006	07/20/2012		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862044	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/18/1988	01/22/2010	12/31/1999	01/22/2010		VE	TRUE	FALSE	RPKGD into 84003 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862046	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988		01/26/2004		08/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862047	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988		01/26/2004		08/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862049	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	05/24/2005	01/26/2004	05/24/2005	12/10/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862051	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	06/03/2009	12/31/1999	06/03/2009			FALSE	FALSE	RPKGD into 82330 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862052	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	03/20/2009	12/31/1999	03/20/2009			FALSE	FALSE	RPKGD into 81583 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862057	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	11/10/2009	12/31/1999	11/10/2009		VE	TRUE	FALSE	RPKGD into 83569 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862060	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	04/15/2010	12/31/1999	04/15/2010		VE	TRUE	FALSE	RPKGD into 85238 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862061	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	12/21/2009	12/31/1999	12/21/2009		VE	TRUE	FALSE	RPKGD into 83807 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862062	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	04/12/2010	12/31/1999	04/12/2010		VE	TRUE	FALSE	RPKGD into 85126 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862063	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/20/1988	01/06/2010	12/31/1999	01/06/2010			FALSE	FALSE	RPKGD into 83869 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862065	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988		01/26/2004		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862093	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988		01/26/2004		08/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862207	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/19/1988	04/21/2005	01/26/2004	04/21/2005	07/07/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862234	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	11/10/2009	12/31/1999	11/10/2009		VE	TRUE	FALSE	RPKGD into 83577 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862235	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	04/15/2010	12/31/1999	04/15/2010		VE	TRUE	FALSE	RPKGD into 85262 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862238	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/09/1988	03/30/2009	12/31/1999	03/30/2009			FALSE	FALSE	RPKGD into 81670 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862240	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		11/30/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862245	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	12/01/2005	01/26/2004	12/01/2005	12/03/2008	VE	TRUE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S862249	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		06/11/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862257	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	03/23/2009	12/31/1999	03/23/2009			FALSE	FALSE	RPKGD into 81597 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862258	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	01/07/2010	12/31/1999	01/07/2010		VE	TRUE	FALSE	RPKGD into 83677 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862259	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	03/26/2009	12/31/1999	03/26/2009			FALSE	FALSE	RPKGD into 81657 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		05/18/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862266	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		06/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862267	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862269	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988		01/26/2004		08/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S862271	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986		01/26/2004		04/17/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862273	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	05/20/2005	01/26/2004	05/20/2005	11/26/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862277	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986		01/26/2004		09/15/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862279	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986		01/26/2004		08/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862299	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	01/07/2010	12/31/1999	01/07/2010			FALSE	FALSE	RPKGD into 83881 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	07/01/2009	01/26/2004	07/01/2009	10/11/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	08/12/2009	01/26/2004	08/12/2009	12/11/2011	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	05/26/2005	09/03/2003	05/26/2005	03/16/2007		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S862313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	07/15/2009	01/26/2004	07/15/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862318	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1986	05/15/2006	01/26/2004	05/15/2006	05/19/2011		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862364	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		12/31/1999		07/15/2012		FALSE	FALSE	REQUIRE OVERPACKING P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862365	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/20/2010	12/31/1999	01/20/2010			FALSE	FALSE	RPKGD into 83970 83971 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862368	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/20/2010	12/31/1999	01/20/2010			FALSE	FALSE	RPKGD into 83977 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862367	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	12/01/2009	12/31/1999	12/01/2009		VE	TRUE	FALSE	RPKGD into 83689 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		01/26/2004		08/30/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862374	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	08/24/2009	01/26/2004	08/24/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	04/27/2005	01/26/2004	04/27/2005	06/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862376	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	12/10/2005	01/26/2004	12/10/2005	06/08/2006	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S862380	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/24/2010	12/31/1999	02/24/2010			FALSE	FALSE	RPKGD into 84484 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862381	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/22/2010	12/31/1999	01/22/2010			FALSE	FALSE	RPKGD into 84006 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862384	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/07/2010	12/31/1999	01/07/2010			FALSE	FALSE	RPKGD into 83875 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	08/24/2006	01/26/2004	08/24/2006	06/21/2009	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S862451	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		01/26/2004		02/13/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862452	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	03/19/2009	12/31/1999	03/19/2009			FALSE	FALSE	RPKGD into 81570 81571 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862453	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/25/2010	12/31/1999	01/25/2010			FALSE	FALSE	RPKGD into 84017 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862454	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/22/2010	12/31/1999	01/22/2010			FALSE	FALSE	RPKGD into 84009 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862457	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	05/05/2005	01/26/2004	05/05/2005	08/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	07/17/2006	01/26/2004	07/17/2006	02/08/2010	Filter Change	FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862464	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/18/1986	08/24/2009	01/26/2004	08/24/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862471	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	04/21/2005	01/26/2004	04/21/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862478	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/27/2010	12/31/1999	01/27/2010		VE	TRUE	FALSE	RPKGD into 84058 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862477	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/26/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84039 84040 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862478	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/26/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84049 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862479	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	02/04/2010	12/31/1999	02/04/2010			FALSE	FALSE	RPKGD into 84182 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862480	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		03/27/2007		12/22/2012		FALSE	FALSE	MT42=No, MT_83=No, MT_83_REPORTED > 50%=No Actual_Default_Ventdate=D HOLD_FLAG= REASSIGNED TO MHD01 FROM CIN01 PER AK OR044 ON 081712
S862487	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	11/21/2005	01/26/2004	11/21/2005	05/11/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S862491	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/19/2007	01/26/2004	01/19/2007	09/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862498	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	07/08/2009	01/26/2004	07/08/2009	10/31/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862500	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	08/05/2009	01/26/2004	08/05/2009	11/21/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862501	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		01/26/2004		05/24/2010		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862509	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	01/26/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84037 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862511	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986		01/26/2004		01/31/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862522	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/13/1986	06/08/2006	01/26/2004	06/08/2006	07/15/2009		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S862524	55G				PRESUB_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	06/01/2008	01/26/2004	06/01/2008			FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862903	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	07/08/2009	01/26/2004	07/08/2009	10/08/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862914	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986		12/31/1999		07/21/2009		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862921	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986		01/26/2004		03/18/2008		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862924	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/12/2010	12/31/1999	04/12/2010		VE	TRUE	FALSE	RPKGD into 85132 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862948	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	02/11/2010	12/31/1999	02/11/2010			FALSE	FALSE	RPKGD into 84256 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862949	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/28/2010	12/31/1999	01/28/2010			FALSE	FALSE	RPKGD into 84026 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862950	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	12/13/2005	01/26/2004	12/13/2005	05/18/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862961	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	05/18/2005	01/26/2004	05/18/2005	08/21/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862968	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	03/26/2009	12/31/1999	03/26/2009			FALSE	FALSE	RPKGD into 81662 Suspected S3000 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862967	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	12/10/2010	12/31/1999	12/10/2010			FALSE	FALSE	RPKGD into 87779 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862971	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986		01/26/2004		12/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862982	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/26/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84029 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S862983	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	05/24/2005	01/26/2004	05/24/2005	11/16/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862988	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986		01/26/2004		03/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862990	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	07/15/2009	01/26/2004	07/15/2009	11/21/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S862999	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	03/25/2009	12/31/1999	03/25/2009			FALSE	FALSE	RPKGD into 81639 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863001	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/26/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84042 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863017	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	03/26/2009	12/31/1999	03/26/2009			FALSE	FALSE	RPKGD into 81645 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863018	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	01/27/2010	12/31/1999	01/27/2010			FALSE	FALSE	RPKGD into 84053 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863029	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863031	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/08/1986	04/22/2005	01/26/2004	04/22/2005	07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863043	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/26/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84033 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863057	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/24/2009	12/31/1999	03/24/2009			FALSE	FALSE	RPKGD into 81619 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863624	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	06/20/2006	01/26/2004	06/20/2006	08/25/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863625	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	02/01/2007	12/31/2001	02/01/2007	09/13/2011		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S863632	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/24/2006	01/26/2004	08/24/2006	11/12/2010	VE	TRUE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863636	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	07/10/2009	01/26/2004	07/10/2009	01/14/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863638	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/05/2009	01/26/2004	08/05/2009	11/07/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863639	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986		01/26/2004		11/15/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863651	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/21/2006	01/26/2004	08/21/2006	07/17/2012	VE	TRUE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863652	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/12/2009	01/26/2004	08/12/2009	11/22/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863654	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	01/27/2010	12/31/1999	01/27/2010			FALSE	FALSE	RPKGD into 84051 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863675	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	05/25/2006	01/26/2004	05/25/2006	02/17/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863677	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	03/26/2009	12/31/1999	03/26/2009			FALSE	FALSE	RPKGD into 81655 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863678	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	05/11/2006	01/26/2004	05/11/2006	03/17/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863686	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986		01/26/2004		09/22/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863687	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	08/13/2009	01/26/2004	08/13/2009	01/07/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	06/19/2006	01/26/2004	06/19/2006	03/17/2011		FALSE	FALSE	(require overpacking) QTW2308 — P_MT42=No,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
S863689	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986		01/26/2004		08/11/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863692	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/06/2010	12/31/1999	12/06/2010			FALSE	FALSE	RPKGD into 87706 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863693	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	12/10/2010	12/31/1999	12/10/2010			FALSE	FALSE	RPKGD into 87777 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863701	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	07/16/2009	01/26/2004	07/16/2009	05/11/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863716	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986	03/14/2006	01/26/2004	03/14/2006	12/16/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S863727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1986		01/26/2004		04/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S863729	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	05/13/2010	12/31/1999	05/13/2010			FALSE	FALSE	RPKGD into 85568 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863730	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	01/27/2010	12/31/1999	01/27/2010			FALSE	FALSE	RPKGD into 84062 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S863737	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863749	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	05/15/2008	01/26/2004	05/15/2008	08/18/2012		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863777	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988	08/13/2009	01/26/2004	08/13/2009	01/14/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S863779	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/26/1988		12/31/1999				FALSE	FALSE	SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP
S864177	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	05/31/2006	01/26/2004	05/31/2006	11/09/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S864179	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864182	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	07/29/2009	01/26/2004	07/29/2009	11/12/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864184	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	01/26/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84035 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864185	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	03/26/2009	12/31/1999	03/26/2009			FALSE	FALSE	RPKGD into 81653 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864186	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	03/03/2009	12/31/1999	03/03/2009			FALSE	FALSE	RPKGD into 81415 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864191	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	06/21/2009	01/26/2004	06/21/2009	01/18/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		03/01/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	07/16/2009	01/26/2004	07/16/2009	04/19/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864208	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	08/10/2009	01/26/2004	08/10/2009	01/10/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	05/05/2005	01/26/2004	05/05/2005	08/03/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	08/11/2009	01/26/2004	08/11/2009	01/18/2010	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864218	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	08/11/2009	01/26/2004	08/11/2009	05/12/2012	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864221	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988		01/26/2004		11/12/2009		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864222	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	09/04/1988	05/11/2009	12/31/1999	05/11/2009			FALSE	FALSE	RPKGD into 82098 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864226	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	06/17/2009	12/31/1999	06/17/2009			FALSE	FALSE	RPKGD into 82470 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864227	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	10/10/2006	01/26/2004	10/10/2006	03/20/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864233	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	05/18/2006	01/26/2004	05/18/2006	10/17/2011		FALSE	FALSE	QTW2308 REQUIRE OVERPACKING — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864234	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		12/05/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864239	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		12/31/2001		05/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S864241	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	03/25/2009	12/31/1999	03/25/2009			FALSE	FALSE	RPKGD into 81621 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864242	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	05/23/2005	01/26/2004	05/23/2005	08/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864247	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	10/11/2006	01/26/2004	10/11/2006	03/31/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864252	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	07/16/2009	01/26/2004	07/16/2009	11/21/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864253	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	03/10/2009	12/31/1999	03/10/2009			FALSE	FALSE	RPKGD into 81455 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864254	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		12/31/1999				FALSE	FALSE	SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP
S864261	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		01/21/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		09/14/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864265	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	04/08/2005	01/26/2004	04/08/2005	07/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864268	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	03/01/2008	01/26/2004	03/01/2008	09/24/2008		FALSE	FALSE	QTW2308 (require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864306	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		09/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864309	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	04/25/2005	01/26/2004	04/25/2005	02/04/2006		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864315	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		07/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864316	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	11/16/2009	12/31/1999	11/16/2009			FALSE	FALSE	RPKGD into 83608 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	04/22/2005	01/26/2004	04/22/2005	07/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864322	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	02/03/2010	12/31/1999	02/03/2010			FALSE	FALSE	RPKGD into 84171 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864323	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	12/15/2010	12/31/1999	12/15/2010			FALSE	FALSE	RPKGD into 87805 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864330	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988	03/31/2009	12/31/1999	03/31/2009			FALSE	FALSE	SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=SPM HOLD - DO NOT SHIP
S864334	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	01/11/2007	01/26/2004	01/11/2007	09/13/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1988		01/26/2004		09/21/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S864338	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986		01/26/2004		04/19/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986		01/26/2004		05/13/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864344	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/24/2005	01/26/2004	05/24/2005	12/01/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864346	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	04/15/2005		04/15/2005	08/12/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S864353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	04/28/2005	01/26/2004	04/28/2005	07/17/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864354	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	05/18/2010	12/31/1999	05/18/2010		VE	TRUE	FALSE	RPKGD into 85648 85655 85656 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986		01/26/2004		04/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864363	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	02/28/2006	01/26/2004	02/28/2006	10/14/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864540	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	03/15/2006	01/26/2004	03/15/2006	09/16/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S864544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/01/1986	01/10/2007	01/26/2004	01/10/2007	05/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S864556	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	05/25/2005	01/26/2004	05/25/2005	09/08/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864559	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864562	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864566	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	01/28/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84045 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864580	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	03/25/2009	12/31/1999	03/25/2009			FALSE	FALSE	RPKGD into 81623 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864581	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	03/25/2009	12/31/1999	03/25/2009			FALSE	FALSE	RPKGD into 81627 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864582	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	02/03/2010	12/31/1999	02/03/2010			FALSE	FALSE	RPKGD into 84171 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864601	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		01/26/2004		01/10/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864602	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	05/08/2009	12/31/1999	05/08/2009			FALSE	FALSE	RPKGD into 82089 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864606	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	02/04/2010	12/31/1999	02/04/2010			FALSE	FALSE	RPKGD into 84180 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864607	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	03/25/2009	12/31/1999	03/25/2009			FALSE	FALSE	RPKGD into 81629 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864635	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	01/27/2010	12/31/1999	01/27/2010		VE	TRUE	FALSE	RPKGD into 84056 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864641	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	04/21/2005	01/26/2004	04/21/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864642	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	03/31/2005	01/26/2004	03/31/2005	07/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864644	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	06/14/2006	01/26/2004	06/14/2006	03/15/2008	VE	TRUE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864648	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	11/23/2009	12/31/1999	11/23/2009			FALSE	FALSE	RPKGD into 83649 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864664	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	04/06/2009	12/31/1999	04/06/2009			FALSE	FALSE	RPKGD into 81756 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864665	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		01/26/2004		05/07/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864668	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		01/26/2004		06/19/2005		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864672	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	07/31/2009	01/26/2004	07/31/2009	11/22/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864677	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	07/15/2004		07/15/2004	05/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S864682	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	05/20/2005	01/26/2004	05/20/2005	09/11/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864683	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	07/10/2009	01/26/2004	07/10/2009	10/31/2009	Liner Pull	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864685	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	01/28/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84031 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864686	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	12/15/2010	12/31/1999	12/15/2010			FALSE	FALSE	RPKGD into 87801 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT S
S864688	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	12/18/2006	01/26/2004	12/18/2006	07/03/2007		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S864706	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	05/27/2009	12/31/1999	05/27/2009			FALSE	FALSE	RPKGD into 82251 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864708	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	01/28/2010	12/31/1999	01/26/2010			FALSE	FALSE	RPKGD into 84047 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S864731	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	11/07/2005	01/26/2004	11/07/2005	06/16/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S865292	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	12/04/2005	01/26/2004	12/04/2005	04/03/2007	VE	TRUE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S865296	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		01/26/2004		09/12/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S865302	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	04/28/2005	01/26/2004	04/28/2005	08/07/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S865305	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988	03/25/2009	12/31/1999	03/25/2009			FALSE	FALSE	RPKGD into 81631 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S865308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		12/31/1999		03/07/2012		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S865308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/16/1988		01/26/2004		01/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S870008	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		12/31/2001		08/28/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S870017	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		01/28/2004		01/28/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870027	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	02/26/2007	01/28/2004	02/26/2007	08/26/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870031	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/27/2010	12/31/1999	01/27/2010				FALSE	FALSE	RPKGD into 84070 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870038	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		07/22/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870110	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	02/04/2010	12/31/1999	02/04/2010				FALSE	FALSE	RPKGD into 84176 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870114	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		01/28/2004		09/28/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		12/31/2001		05/14/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S870146	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/28/2010	12/31/1999	01/28/2010				FALSE	FALSE	RPKGD into 84080 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870150	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	03/30/2009	12/31/1999	03/30/2009				FALSE	FALSE	RPKGD into 81668 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870154	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	03/31/2005	01/28/2004	03/31/2005	07/07/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870161	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		01/28/2004		09/11/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870165	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/28/2010	12/31/1999	01/28/2010		VE		TRUE	FALSE	RPKGD into 84091 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870178	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987	01/08/2010	12/31/1999	01/08/2010				FALSE	FALSE	RPKGD into 83873 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870180	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	07/08/2004		07/08/2004	05/26/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S870185	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	02/24/1987		01/28/2004					FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870193	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	01/12/2006	01/28/2004	01/12/2006	06/04/2008			FALSE	FALSE	Old AK7 QTW2306 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870195	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/05/2005	01/28/2004	04/05/2005	07/07/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870216	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		03/09/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870219	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/31/2005	01/28/2004	03/31/2005	07/07/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870225	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/11/2005	01/28/2004	04/11/2005	07/07/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870226	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	07/10/2009	01/28/2004	07/10/2009	01/10/2010	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870229	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		01/08/2008			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870230	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		02/05/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870233	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/25/2009	12/31/1999	03/25/2009				FALSE	FALSE	RPKGD into 81625 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870236	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		01/07/2012			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870238	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		02/23/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870244	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/08/2005	01/28/2004	04/08/2005	07/07/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870250	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/28/2005	01/23/2004	04/28/2005	07/27/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S870262	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		09/21/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870301	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		06/18/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870304	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		03/18/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870308	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		02/05/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870312	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		07/03/2013			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870313	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	04/22/2005	01/28/2004	04/22/2005	10/28/2006			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870317	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	08/10/2009	01/28/2004	08/10/2009	05/11/2012	Liner Pull		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870320	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/28/2004		09/14/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870321	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	03/26/2009	12/31/1999	03/26/2009				FALSE	FALSE	RPKGD into 81651 SUSPECTED S3000 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870330	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	04/05/2005	01/28/2004	04/05/2005	07/07/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870339	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/28/2004		02/23/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870340	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/28/2004		03/07/2007			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870345	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	02/28/2006	01/28/2004	02/28/2006	10/26/2006			FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/28/2004		05/05/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870353	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/28/2004		05/04/2005			FALSE	FALSE	QTW2306 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870357	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	05/20/2005	01/28/2004	05/20/2005	03/10/2006			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870369	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	11/13/2006	01/28/2004	11/13/2006	06/07/2007			FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

S870371	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	03/22/2006	01/26/2004	03/22/2006	12/09/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	03/20/2006	01/26/2004	03/20/2006	02/01/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870373	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	03/28/2006	01/26/2004	03/28/2006	01/26/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	12/03/2005	01/26/2004	12/03/2005	08/03/2006	VE	TRUE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870378	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400		03/26/2009	12/31/1999	03/26/2009			FALSE	FALSE	RPKGD into 81659 81660 SUSPECTED S3000 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S870380	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		01/16/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870395	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	01/18/2006	01/26/2004	01/18/2006	07/26/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870420	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004				FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870422	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	07/13/2004	12/31/2003	07/13/2004	07/17/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S870448	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		04/03/2006		FALSE	FALSE	QTW Y --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870454	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870456	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		04/25/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870458	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	07/01/2004		07/01/2004	05/28/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S870461	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	11/14/2006	01/26/2004	11/14/2006	05/26/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870463	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	03/15/2008	01/26/2004	03/15/2008	10/15/2008		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870466	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		09/29/2003		04/14/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S870470	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		08/31/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S870481	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	01/05/2006	01/26/2004	01/05/2006	06/04/2006		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S870486	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	03/16/2006	01/26/2004	03/16/2006	01/12/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S871821	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/25/2009	12/31/1999	03/25/2009			FALSE	FALSE	RPKGD into 81633 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S871828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	07/07/2004		07/07/2004	05/22/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S871830	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	06/02/2005	01/26/2004	06/02/2005	12/01/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871834	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/26/2004		11/26/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871856	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	05/20/2005	01/26/2004	05/20/2005	12/01/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871862	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	03/31/2009	12/31/1999	03/31/2009			FALSE	FALSE	RPKGD into 81682 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S871865	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987		01/26/2004		09/19/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871872	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	04/14/1987	01/27/2010	12/31/1999	01/27/2010			FALSE	FALSE	RPKGD into 84068 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S871880	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	04/04/2005	01/26/2004	04/04/2005	11/26/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871882	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	05/12/2005	01/26/2004	05/12/2005	08/27/2005	Filter Change	FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871883	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		12/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871890	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		02/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871894	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		09/06/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871900	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		01/08/2008		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871902	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		05/05/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871913	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		03/25/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871915	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987		01/26/2004		09/13/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S871918	55G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/07/1987	04/01/2009	12/31/1999	04/01/2009			FALSE	FALSE	RPKGD into 81715 SUSPECTED S3000 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=RPKGD SPM HOLD - DO NOT
S873543	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		07/27/2005		FALSE	FALSE	QTW2308 --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S873544	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		04/03/2008		FALSE	FALSE	QTW Y --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S873548	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		06/23/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S873549	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		09/22/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S873551	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987	03/23/2006	01/26/2004	03/23/2006	01/11/2007		FALSE	FALSE	Old AK7 QTW2308 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S873571	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/11/1987		01/26/2004		09/01/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S873607	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/14/1987		01/26/2004		04/04/2006		FALSE	FALSE	QTW Y --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S881542	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1988		01/26/2004				FALSE	FALSE	H-3, Not 55-Gal --- P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=

S881565	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	06/02/1988	06/07/2006	01/26/2004	06/07/2006	07/26/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S881568	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1988	04/20/2006	01/26/2004	04/20/2006	10/08/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S883110	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988		12/31/2001		04/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S883126	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988		12/31/2001		05/28/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S883127	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988	06/16/2006	01/26/2004	06/16/2006	01/11/2007	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S883129	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988		12/31/2001		05/14/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S883138	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	11/08/1988		12/31/2001		05/22/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG=
S883145	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1988		01/26/2004		10/20/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S890337	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/05/1989		01/26/2004		07/27/2005		FALSE	FALSE	QTW2308 — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S891270	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/07/1989	05/25/2006	01/26/2004	05/25/2006	05/24/2011		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S891288	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/08/1989	08/17/2006	01/26/2004	08/17/2006	08/21/2009		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S891327	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/25/1989	08/14/2006	01/26/2004	08/14/2006	09/13/2007		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S891330	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	06/21/1989		01/26/2004				FALSE	FALSE	"H-3, " — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S891347	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/26/1989	06/01/2006	01/26/2004	06/01/2006	12/09/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S891505	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/04/1989	05/03/2006	01/26/2004	05/03/2006	12/03/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S891529	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/06/1989	04/25/2006	01/26/2004	04/25/2006	09/22/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S892957	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	11/28/1988		01/26/2004				FALSE	FALSE	"H-3, " — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S892968	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	10/05/1988		01/26/2004		05/12/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S900210	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989	05/03/2006	01/26/2004	05/03/2006	11/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S900212	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/21/1989	06/17/2006	01/26/2004	06/17/2006	11/09/2006	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S902198	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	09/11/1990		04/21/2008		09/29/2009		FALSE	FALSE	P_MT42=MTs Not Available,MT_83=MTs Not Available,MT_83_REPORTED > 50%=MTs Not Available, Actual_Default_Ventdate=D HOLD_FLAG=
S910724	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1990		01/26/2004		09/16/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910727	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1990		01/26/2004		04/17/2013		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910728	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/19/1990	03/23/2006	01/26/2004	03/23/2006	09/22/2006	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910737	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/02/1991	03/20/2006	01/26/2004	03/20/2006	09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910739	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/07/1991		01/26/2004		09/24/2006		FALSE	FALSE	(require overpacking) — P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S910746	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/15/1991		01/26/2004		04/14/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S910752	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/01/1991		01/26/2004		03/04/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S910753	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/1991	01/20/2006	01/26/2004	01/20/2006	06/04/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910756	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/11/1991	03/20/2006	01/26/2004	03/20/2006	02/01/2008		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910759	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	05/28/1991		01/26/2004		02/11/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S910760	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/11/1991	01/29/2007	01/26/2004	01/29/2007	06/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910762	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/08/1991	03/15/2006	01/26/2004	03/15/2006	10/15/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910779	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/30/1991		01/26/2004		09/02/2006		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S910795	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/05/1991		01/26/2004		03/09/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910796	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/1991	03/14/2006	01/26/2004	03/14/2006	08/31/2009		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S910797	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	03/14/1991		01/26/2004		10/02/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S910798	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	02/07/1991	03/22/2006	01/26/2004	03/22/2006	12/07/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S911201	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/08/1991		01/26/2004		07/28/2007		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
S911812	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/12/1990	03/29/2006	01/26/2004	03/29/2006	07/13/2007	VE	TRUE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S911816	85G					LA-MHD01.001	CCP-AK-LANL-006	S5400	07/13/1990		01/26/2004				FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S911819	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/16/1990	05/03/2006	01/26/2004	05/03/2006	11/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S911828	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/02/1990	12/14/2006	01/26/2004	12/14/2006	07/26/2007		FALSE	FALSE	Old AK7 Aerosol cans — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S912109	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/21/1991	01/17/2007	01/26/2004	01/17/2007	06/26/2007		FALSE	FALSE	Old AK7 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S912366	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991		01/26/2004		09/02/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S912367	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991	03/22/2006	01/26/2004	03/22/2006	09/22/2006		FALSE	FALSE	Old AK7 QTW2308 — P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=

S912368	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991		01/26/2004		03/11/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S912370	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991	01/18/2007	01/26/2004	01/18/2007	10/15/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S912372	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991	11/13/2006	01/26/2004	11/13/2006	05/19/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S912375	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991		01/26/2004		03/29/2007		FALSE	FALSE	Old AK7 --- P_MT42=No,MT_83=Yes,MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=D HOLD_FLAG=
S912393	55G				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/09/1991		01/26/2004		10/06/2007		FALSE	FALSE	((equire overpacking) --- P_MT42=MT42,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG=
SB10040	SWB			S4477, S816853, S861781, S865343	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012		04/18/2012		07/25/2012		FALSE	FALSE	D_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was S4477 / Repacked was S816853 / Repacked was S861781 / Repacked was S865343
SB10043	SWB			s802791, s813399, s816875, S844312	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012		04/18/2012		07/21/2012		FALSE	FALSE	D_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was s802791 / Repacked was s813399 / Repacked was s816875 / Repacked was S844312
SB10044	SWB			S802842, S811748, S816770	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012		04/18/2012		01/18/2014		FALSE	FALSE	D_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D / Repacked was S802842 / Repacked was S811748 / Repacked was S816770
SB10047	SWB				EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012		04/18/2012		04/11/2013		FALSE	FALSE	D_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= SPM HOLD - DO NOT SHIP; 3 MHD01 CONTAINERS S803007, S803197, S818398; ALSO NEED ACTUAL IDC ENTRY OF CONTAINERS OVERPACKED INTO SWB BY RFITZ
SB10048	SWB			S811750, S822719, S845178, S846045	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	04/18/2012		04/18/2012		07/01/2012		FALSE	FALSE	D_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was S811750 / Repacked was S822719 / Repacked was S845179 / Repacked was S846045
SB10132	SWB			S846682, S851617, S851696, S860160	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/01/2013		07/01/2013		11/08/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S846682 / Repacked was S851617 / Repacked was S851696 / Repacked was S860160
SB10134	SWB			S811699, S832238, S864214	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/03/2013	11/05/2013	07/03/2013	11/05/2013		OVERPACKED	FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S832238 / Repacked was S864214 / Repacked was S811699
SB10141	SWB			S804924, S804993, S824948, S862519		LA-MHD01.001	CCP-AK-LANL-006	S5400	07/17/2013		07/17/2013				FALSE	FALSE	P_MT42=MT42 Mix, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S804924 / Repacked was S804993 / Repacked was S824948 / Repacked was S862519
SB10142	SWB			S813546, S813547, S813558	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2013		07/18/2013		01/18/2014		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S813546 / Repacked was S813547 / Repacked was S813558
SB10143	SWB			S814876, S814878, S814884, S824685	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/18/2013		07/18/2013		11/10/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S814876 / Repacked was S814878 / Repacked was S814884 / Repacked was S824685
SB10144	SWB			S802744, S813418, S813517, S813522	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/22/2013		07/22/2013		11/08/2013		FALSE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S802744 / Repacked was S813418 / Repacked was S813517 / Repacked was S813522
SB10146	SWB			S813554, S813662, S851680, S902112	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/23/2013		07/23/2013		11/10/2013		FALSE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=Yes, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S813554 / Repacked was S813662 / Repacked was S851680 / Repacked was S902112
SB10147	SWB			S815104, S816689, S816911	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/24/2013		07/24/2013		01/24/2014		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S815104 / Repacked was S816689 / Repacked was S816911
SB10148	SWB			S802815, S843963, S862472, S862908	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	07/25/2013		07/25/2013		11/08/2013		FALSE	FALSE	P_MT42=MT42 Mix, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was S802815 / Repacked was S843963 / Repacked was S862472 / Repacked was S862908
SB10187	SWB			89065, 89735, 90187, 90212	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/15/2013		08/15/2013		12/06/2013		FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= / Repacked was 89065 / Repacked was 89735 / Repacked was 90187 / Repacked was 90212
SB10168	SWB			89067, 89476, 90184, 90195	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/2013		08/19/2013		12/04/2013		FALSE	FALSE	P_MT42=No, MT_83=Yes, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - / Repacked was 89067 / Repacked was 89476 / Repacked was 90184 / Repacked was 90195
SB10170	SWB			87828, 89074, 90190, 90215	EMPLACED_CNTR	LA-MHD01.001	CCP-AK-LANL-006	S5400	08/19/2013		08/19/2013		12/06/2013		FALSE	FALSE	P_MT42=No, MT_83=No, MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=A HOLD_FLAG= - / Repacked was 87828 / Repacked was 89074 / Repacked was 90190 / Repacked was 90215
SB10172	SWB			83115, S825731, S852015, S855883	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	01/30/2014	01/30/2014	01/30/2014	01/30/2014		INNER CONTAINERS OVERPACKED	FALSE	FALSE	P_MT42=No, MT_83=YES, MT_83_REPORTED > 50%=YES, Actual_Default_Ventdate=D HOLD_FLAG= / Repacked was S825731 / Repacked was 83115 / Repacked was S852015 / Repacked was S855883
SB10191	SWB				APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/05/2006	03/08/2014	12/14/2006	03/08/2014			FALSE	FALSE	P_MT42=No,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=D HOLD_FLAG= - Rpkgd at 412 Was 82586
SB10210	SWB			91853, S813530, S833340, S851748	APPROVED_CERT	LA-MHD01.001	CCP-AK-LANL-006	S5400	12/17/2013		12/17/2013				FALSE	FALSE	P_MT42=Unknown,MT_83=No,MT_83_REPORTED > 50%=No, Actual_Default_Ventdate=[NULL] HOLD_FLAG= - Rpkgd was 52644 LOC Unknown / Repacked was 91853 / Repacked was S851748 / Repacked was S833340 / Repacked was S813530

AK21
M020

Los Alamos NATIONAL LABORATORY EST. 1943

10161069

TRU Waste Storage Record

LA00000066122

1. **Generator's Pre-Use Visual Inspection** — Click here for instruction in completing the form.

Purchase Order # 404007-26-03	Inspected Items		
This container has been visually inspected according to approved procedures and has been found to be free of damage that would make it unsuitable for TRU waste packaging.	☐ Ring, Bolt, and Nut	☐ Chime	☑ Dents
	☑ Lid and Gasket	☑ Gouges	☑ Paint
Printed Name: Michael L. Pope	Signature: Michael L. Pope		Date: 4-14-11

2. **Generator's Package Information**

Group	Technical Area	Building	Cost Center	Program Code	Cost Account	Work Package
REG-WS	TA21	00	6M010A	ARDB	032R	LT00

Additional Information

☒ DP ☐ Non-DP If Non-DP waste, attach DOE approval documentation.

Container	Liner
☐ Steel Drum (55 gal.)	☒ None
☐ Pipe Overpack Type:	☐ 90 mil liner
☐ Steel Drum (85 gal. Overpack)	☐ 125 mil liner
☒ Standard Waste Box	☐ Fiberboard liner
☐ Standard Waste Box Overpack	Internal Shielding
☐ RH Canister	☒ None
☐ Other (Call TWCO)	Type / Thickness (in.)

Filter Serial No.: 01 EK-1315; 02 EK-1324

Radionuclide Content

Nuclide	Amount	Uncertainty	C=Curie M=Gram
Am 241	5.97 E-03	1.44 E-02	C
Cs 137	2.79 E-07	4.41 E-07	C
H3	1.69 E-01	0.00 E 00	C
Pu 238	1.31 E-03	0.00 E 00	C
Pu 239	2.16 E-01	3.67 E-01	C
Sr 90	4.78 E-04	0.00 E 00	C
U 234	1.71 E-04	0.00 E 00	C
U 235	1.82 E-06	3.05 E-06	C
U 238	2.68 E-05	Hazardous Materials	6.17 E-05 C

Name	EPA Code	Quantity (g)

Waste Profile Number	50932
Gross Weight (lb.)	3.12 E 03
Net Weight (lb.)	2.48 E 03
Shipping Category	1001300024
LANL Waste Stream ID	LA-MSG-04.001
TRUCON Code	LA111B
Date Closed (MM/DD/YY):	04-14-11 (4-13-11)
Accumulation Start Date (MM/DD/YY):	

The data in this section were collected, and waste described herein was packaged and labeled according to approved procedures.

Printed Name: Michael L. Pope — Signature: Michael L. Pope — Date: 4-14-11

3. **Generator Site Health Physics Information**

		Survey Date	Survey Meter Model	Property Number	Calibration Void Date
1E-01	Gamma Dose Rate (mrem/h) (contact)	4-5-11	R020	12657	7-14-11
2.5E-01	Neutron Dose Rate (mrem/h) (contact)	4-5-11	SNRD	14707	7-20-11
3.5E-01	Total Dose Rate (mrem/h) (contact)				
3.5E-01	Total Dose Rate (mrem/h) (1 meter)				
NDA	Alpha Contamination (dpm/100cm²)				
NDA	Beta-Gamma Cont. (dpm/100cm²)				

The data in this section were collected according to approved procedures.

Printed Name: STEVEN R KOKAL — Date: 4-5-11

Signature: S R Kokal

4. TRU Waste Management Review/Authorization

The data package for this waste has been reviewed. Based on the information provided, this waste meets the WAC requirements for storage at TA-54.	Printed Name Lori Mullen	Date 4-14-11
	Signature Lori Mullen	

5. Preload Visual Inspection

This waste package was visually inspected prior to transport according to approved procedures. It meets WAC packaging and labeling requirements and is free from obvious damage and defects	Printed Name Lori Mullen	Date 4-25-11
	Signature Lori Mullen	

6. Receiving Site Health Physics Information

Gamma Dose Rate (mrem/h) (contact) 1.0 E-1	Survey Date 4-25-11	Survey Meter Model RO20	Property Number 9871	Calibration Void Date 11-25-11
Neutron Dose Rate (mrem/h) (contact) 2.5 E-1	Survey Date 4-25-11	Survey Meter Model SNRD	Property Number 13595	Calibration Void Date 9-15-11
Total Dose Rate (mrem/h) (contact) 3.5 E-1				
Total Dose Rate (mrem/h) (1 meter) 3.5 E-1	*The data in this section were collected according to approved procedures.*			
Alpha Contamination (dpm/100cm²) 3.1 E 0	Printed Name Jessica Bustos			
Beta-Gamma Cont. (dpm/100cm²) 8.2 E 0	Signature Jessica Bustos			Date 4-25-11

7. Storage Site Information

Received By (Initials)	Date Received 4/25/11	**Original Storage Data**		
This waste package was visually inspected and found to be properly labeled and in good condition. It was accepted and inspected according to approved procedures.		Building Number 901	Layer N/A	Row Number N/A
		Column Number N/A	Date Stacked (MM/DD/YY) 4/25/11	
Printed Name Alfred D. Vall	Date 4/25/11	Printed Name Alfred D. Vall		Date 4/25/11
Signature		Signature		

8. Waste Acceptance Office

Initials/Date	WE Description

NCR Number	Initials/Date	NCR Description

E WL 7/26/2011

E WL 7/26/2011

M020

LANS, LLC SHIPPING FORM	1. Generator ID Number	2. Page	3. Emergency Response Phone	4. Manifest ID Number
	NM0890010515	1	(505) 667-6211	86251

5. Generator's Name and Mailing Address	Generator's Site Address (if different than mailing address)
LANS, LLC for US DOE P.O. Box 1663, MS J598, Tamer Amin Los Alamos, NM 87545 Generator's Phone: (505) 665-6528	LANS, LLC FOR US DOE MICHAEL POPE, TA-21, MS: J595 LOS ALAMOS, NM 87545

6. Transporter Company Name	U.S. EPA ID Number
LANS, LLC for US DOE	NM0890010515

7. Designated Facility Name and Site Address	U.S. EPA ID Number
LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 Facility's Phone: (505) 665-6158	NM0890010515

8a. HM	8b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	9. Containers No.	9. Containers Type	10. Total Quantity	11. Unit Wt./Vol.	12. Waste Codes
RQ	1 UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, Solid, ELEMENTAL, AM241, CS137, H3, PU238, PU239, SR90, U234, U235, U238, 8.287E-03 TBq, T.I.=0.4, RADIOACTIVE YELLOW II	1		3120	P	

13. Special Handling Instructions and Additional Information

8b(1) ERGNO: 162
PKGID: 66122✓

HMTF#:

"This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

14. Generator's Printed/Typed Name	Signature	Month	Day	Year
Loretta Lorbeer		4	25	11
15. Transporter's Printed/Type Name	**Signature**	**Month**	**Day**	**Year**
Aaron Herrera	Aaron Herrera	4	25	11

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Los Alamos NATIONAL LABORATORY EST. 1943

10161087

TRU Waste Storage Record

M020

LA00000066132

1. Generator's Pre-Use Visual Inspection

Click here for instruction in completing the form.

Purchase Order #	Inspected Items		
This container has been visually inspected according to approved procedures and has been found to be free of damage that would make it unsuitable for TRU waste packaging.	☐ Ring, Bolt, and Nut	☐ Chime	☒ Dents
	☒ Lid and Gasket	☒ Gouges	☒ Paint

Printed Name	Signature	Date
Michael L. Pope	Michael L. Pope	4-14-11

2. Generator's Package Information

Group	Technical Area	Building	Cost Center	Program Code	Cost Account	Work Package
REG-WS	TA21	00	6M010A	ARDB	032R	LT00

Additional Information

☒ DP ☐ Non-DP If Non-DP waste, attach DOE approval documentation.

Container	Liner	Type	Thickness (in.)
☐ Steel Drum (55 gal.)	☒ None		
☐ Pipe Overpack Type:	☐ 90 mil liner		
☐ Steel Drum (85 gal. Overpack)	☐ 125 mil liner		
☒ Standard Waste Box	☐ Fiberboard liner		
☐ Standard Waste Box Overpack	Internal Shielding		
☐ RH Canister	☒ None		
☐ Other (Call TWCO)			

Filter Serial No. 01 ~~LK-5981~~ 02 LK-64

Radionuclide Content

Nuclide	Amount	Uncertainty	C=Curie M=Gram
Am 241	5.43E-07	3.28E-02	C
Cs 137	2.93E-03	1.18E-02	C
H3	2.18E-06	0.00E00	C
Pu 238	1.19E-03	0.00E00	C
Pu 239	2.39E-01	1.05E+00	C
SR 90	4.34E-04	0.00E00	C
U 234	2.21E-04	0.00E00	C
U 235	1.20E-05	4.96E-05	C
U 238	2.31E-04		

Hazardous Materials 1.34E-03

Name	EPA Code	Quantity (g)

Waste Profile Number	50932
Gross Weight (lb.)	3.84E03
Net Weight (lb.)	3.2E03
Shipping Category	1001300024
LANL Waste Stream ID	LA-MSG04.001
TRUCON Code	LA111B

Date Closed (MM/DD/YY): 4/14/11

Accumulation Start Date (MM/DD/YY):

The data in this section were collected, and waste described herein was packaged and labeled according to approved procedures.

Printed Name	Signature	Date
Michael L. Pope	Michael L. Pope	4-14-11

JK-332

3. Generator Site Health Physics Information

	Survey Date	Survey Meter Model	Property Number	Calibration Void Date
1E-01 Gamma Dose Rate (mrem/h) (contact)	4.5.11	RO20	12657	7.14.11
2.5E-01 Neutron Dose Rate (mrem/h) (contact)	4.5.11	SNRD	14707	7.20.11
3.5E-01 Total Dose Rate (mrem/h) (contact)				
3.5E-01 Total Dose Rate (mrem/h) (1 meter)				
NDA Alpha Contamination (dpm/100cm²)				
NDA Beta-Gamma Cont. (dpm/100cm²)				

The data in this section were collected according to approved procedures.

Printed Name	Date
STEVEN R. HORN	4-5-11

Signature: Steven R. Horn

4. TRU Waste Management Review/Authorization

The data package for this waste has been reviewed. Based on the information provided, this waste meets the WAC requirements for storage at TA-54.	Printed Name: Lori Mullen	Date: 4-14-11
	Signature: Lori Mullen	

5. Preload Visual Inspection

This waste package was visually inspected prior to transport according to approved procedures. It meets WAC packaging and labeling requirements and is free from obvious damage and defects	Printed Name: Lori Mullen	Date: 4-14-11
	Signature: Lori Mullen	

6. Receiving Site Health Physics Information

Gamma Dose Rate (mrem/h) (contact) 1.0 E -1	Survey Date 4-21-11	Survey Meter Model RO20	Property Number 9871	Calibration Void Date 11-25-11
Neutron Dose Rate (mrem/h) (contact) 2.5 E -1	Survey Date 4-21-11	Survey Meter Model SNRD	Property Number 13595	Calibration Void Date 9-15-11
Total Dose Rate (mrem/h) (contact) 3.5 E -1				
Total Dose Rate (mrem/h) (1 meter) 3.5 E -1	*The data in this section were collected according to approved procedures.*			
Alpha Contamination (dpm/100cm²) 7.5 E 0	Printed Name: Jessica Bustos			
Beta-Gamma Cont. (dpm/100cm²) 1.5 E +1	Signature: Jessica Bustos			Date: 4-25-11

7. Storage Site Information

Received By (Initials) JG	Date Received 4-21-11	**Original Storage Data**	
This waste package was visually inspected and found to be properly labeled and in good condition. It was accepted and inspected according to approved procedures.		Building Number 901	Layer / Row Number
		Column Number	Date Stacked (MM/DD/YY)
Printed Name: Juan Garcia	Date: 4-21-11	Printed Name: Juan Garcia	Date: 4-21-11
Signature: Juan Garcia		Signature: Juan Garcia	

8. Waste Acceptance Office

Initials/Date	WE Description

NCR Number	Initials/Date	NCR Description

Evr 6/9/2011

Evr 6/9/2011

M020

LANS, LLC SHIPPING FORM	1. Generator ID Number	2. Page	3. Emergency Response Phone	4. Manifest ID Number
	NM0890010515	1	(505) 667-6211	86260

5. Generator's Name and Mailing Address	Generator's Site Address (if different than mailing address)
LANS, LLC for US DOE P.O. Box 1663, MS J598, Tamer Amin Los Alamos, NM 87545 Generator's Phone: (505) 665-6528	LANS, LLC FOR US DOE MICHAEL POPE, TA-21, MS: J595 LOS ALAMOS, NM 87545

6. Transporter Company Name	U.S. EPA ID Number
LANS, LLC for US DOE	NM0890010515

7. Designated Facility Name and Site Address	U.S. EPA ID Number
LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 Facility's Phone: (505) 665-6158	NM0890010515

8a. HM	8b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	9. Containers No.	9. Containers Type	10. Total Quantity	11. Unit Wt./Vol.	12. Waste Codes
RQ	1 UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, Solid, ELEMENTAL, AM241, CS137, H3, PU238, PU239, SR90, U234, U235, U238, 9.029E-03 TBq, T.I.=0.4, RADIOACTIVE YELLOW II	1		3840	P	

13. Special Handling Instructions and Additional Information

8b(1) ERGNO: 162
PKGID: 66132

HMTF#:

"This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

14. Generator's Printed/Typed Name	Signature	Month	Day	Year
Loretta Cerbee		4	21	11
15. Transporter's Printed/Type Name	**Signature**	**Month**	**Day**	**Year**
Aaron Herrera	Aaron Herrera	4	21	11

DIVIDER PAGE

Los Alamos NATIONAL LABORATORY EST.1943

TRU WASTE STORAGE RECORD

LA00000067646

1. Generator's Pre-Use Visual Inspection

Purchase Order # 8844	Inspected Items		
This container has been visually inspected according to approved procedures and has been found to be free of damage that would make it unsuitable for TRU waste packaging.	☑ Ring, Bolt, and Nut	☑ Chime	☑ Dents
	☑ Lid and Gasket	☑ Gouges	☑ Paint

Printed Name	Signature	Sig. Date	Oper. Date
DINO J BUSTOS (115960)	*WCATS Electronic*	07-14-14	07-14-14

2. Generator's Package Information

Group	Technical Area	Building	Cost Center	Program Code	Cost Account	Work Package
NPI-7	55	000004	DD070A	K55E	0507	0100

Additional Information

☑ DP ☐ Non-DP If Non-DP waste, attach DOE approval doc.

Container	Liner
☐ Steel Drum (55 gal.)	☑ None
☑ Pipe Overpack Type: 12 in	☐ 90 mil liner
☐ Steel Drum (85 gal Overpack)	☐ 125 mil liner
☐ Standard Waste Box	☐ Fiberboard Liner
☐ Standard Waste Box Overpack	**Internal Shielding**
☐ RH Canister	☑ None
☐ Other (Call TWCO)	Type / Thickness

Radionuclide Content

Nuclide	Amount	Uncertainty	C= Curie M = Gram
Am-241	7.793E-001	1.147E-002	C
Pu-238	1.944E-001	2.862E-003	C
Pu-239	6.605E+000	9.722E-002	C
Pu-240	1.546E+000	2.275E-002	C
Pu-241	2.347E+001	3.454E-001	C
Pu-242	8.945E-005	1.316E-006	C
U-234	1.413E-005	2.080E-007	C
U-235	2.453E-007	3.611E-009	C

Filter Serial No.			
	01 OUTLM1152		
	02 INLM1178		

Waste Profile Number	34161 (WS ID 576)
Gross Weight (lb.)	3.47E+002
Net Weight (lb.)	6.20E+000
Shipping Category	2000000000
LANL Waste Stream ID	LANIN03NC
TRUCON Code	LA124C

Hazardous Materials

Name	EPA Code	Qty (g)

Date Closed (MM/DD/YY): 07/17/2014

Accumulation Start Date (MM/DD/YY):

The data in this section were collected, and waste described herein was packaged and labeled according to approved procedures.

Printed Name	Signature	Date:
MICHAEL C TRUJILLO (098605)	*WCATS Electronic*	21-Jul-2014

3. Generator Site Health Physics Information

	Survey Date	Survey Meter Model	Property Number	Calibration Void Date
Gamma Dose Rate (mrem/h) (contact)				
Neutron Dose Rate (mrem/h) (contact)				
Total Dose Rate (mrem/h) (contact)				
Total Dose Rate (mrem/h) (1 meter)				
Alpha Contamination (dpm/100cm2)				
Beta-Gamma Cont (dpm/100 cm2)				

The data in this section were collected according to approved procedures.

Printed Name	Date

Signature

Los Alamos NATIONAL LABORATORY EST. 1943

TRU WASTE STORAGE RECORD

LA00000067646

4. TRU Waste Management Review/Authorization

The data package for this waste has been reviewed. Basedon the information provided, this waste meets the WAC requirements for storage at TA-54.	Printed Name: TAMMY A LASH (120424)	Date: 19-Aug-2014
	Signature: *WCATS Electronic*	

5. Preload Visual Inspection

This waste package was visually inspected prior to transport according to approved procedures. It meets WAC packaging and labeling requirements and is free from obvious damage and defects.	Printed Name	Date:

6. Receiving Site Health Physics Information

Gamma Dose Rate (mrem/h) (contact)	Survey Date	Survey Meter Model	Property Number	Calibration Void Date
Neutron Dose Rate (mrem/h) (contact)	Survey Date	Survey Meter Model	Property Number	Calibration Void Date
Total Dose Rate (mrem/h) (contact)	*The data in this section were collected according to approved procedures.*			
Total Dose Rate (mrem/h) (1 meter)				
Alpha Contamination (dpm/100cm2)	Printed Name			Date
Beta-Gamma Cont (dpm/100 cm2)	Signature			

7. Storage Site Information

Received by (Initials)	Date Received	**Original Storage Data**	
This waste package was visually inspected and found to be properly labeled and in good condition. It was accepted and inspected according to approved procedures.		Building Number / Layer / Row Number	
		Column Number / Date Stacked (MM/DD/YY)	
Printed Name	Date:	Printed Name	Date:
Signature		Signature	

8. Waste Acceptance Office

Intials/Date	WE Description

NCR Number	Intials/Date	NCR Description

Los Alamos NATIONAL LABORATORY EST.1943

TRU WASTE STORAGE RECORD

LA00000067646

9. Continuation Sheet for Radionuclide Content (from Page 1, Section 2)

Radionuclide Content - Continued			
Nuclide	**Amount**	**Uncertainty**	**C= Curie M = Gram**
No Additional Radionuclides			

10. Continuation Sheet for Hazardous Materials (from Page 1, Section 2)

Hazardous Materials		
Name	**EPA Code**	**Qty (g)**
No Additional Hazardous Materials		

DIVIDER

PAGE

Los Alamos NATIONAL LABORATORY EST. 1943

TRU WASTE STORAGE RECORD

LA00000066850

1. Generator's Pre-Use Visual Inspection

Purchase Order # 416184	Inspected Items		
This container has been visually inspected according to approved procedures and has been found to be free of damage that would make it unsuitable for TRU waste packaging.	☑ Ring, Bolt, and Nut	☑ Chime	☑ Dents
	☑ Lid and Gasket	☑ Gouges	☑ Paint

Printed Name	Signature	Sig. Date	Oper. Date
DINO J BUSTOS (115960)	*WCATS Electronic*	11-08-12	11-08-12

2. Generator's Package Information

Group	Technical Area	Building	Cost Center	Program Code	Cost Account	Work Package
NPI-7	55	000004	DD070A	K55E	0507	0100

Additional Information

☑ DP ☐ Non-DP If Non-DP waste, attach DOE approval doc.

Container	Liner
☑ Steel Drum (55 gal.)	☑ None
☐ Pipe Overpack Type:	☐ 90 mil liner
☐ Steel Drum (85 gal Overpack)	☐ 125 mil liner
☐ Standard Waste Box	☐ Fiberboard Liner
☐ Standard Waste Box Overpack	**Internal Shielding**
☐ RH Canister	☑ None
☐ Other (Call TWCO)	Type / Thickness

Radionuclide Content

Nuclide	Amount	Uncertainty	C= Curie M = Gram
Am-241	2.157E-002	2.679E-003	C
Pu-238	5.381E-003	6.683E-004	C
Pu-239	1.828E-001	2.270E-002	C
Pu-240	4.278E-002	5.313E-003	C
Pu-241	6.495E-001	8.067E-002	C
Pu-242	2.475E-006	3.074E-007	C
U-234	3.910E-007	4.857E-008	C
U-235	6.789E-009	8.432E-010	C

Filter Serial No.			
	01 CM-1714		
	02		

Waste Profile Number	57847 (WS ID 41083)
Gross Weight (lb.)	9.68E+001
Net Weight (lb.)	3.26E+001
Shipping Category	3003400110
LANL Waste Stream ID	TA-55-19
TRUCON Code	LA125C

Hazardous Materials

Name	EPA Code	Qty (g)
Barium	D005	
Cadmium	D006	
Chromium	D007	
Lead	D008	
All other nonwastewaters that exhibit, toxici	D009	
Selenium	D010	
Silver	D011	

Date Closed (MM/DD/YY): 03/26/2014

Accumulation Start Date (MM/DD/YY): 05/20/13

The data in this section were collected, and waste described herein was packaged and labeled according to approved procedures.

Printed Name	Signature	Date:
MICHAEL C TRUJILLO (098605)	*WCATS Electronic*	07-Apr-2014

3. Generator Site Health Physics Information

	Survey Date	Survey Meter Model	Property Number	Calibration Void Date
Gamma Dose Rate (mrem/h) (contact)				
Neutron Dose Rate (mrem/h) (contact)				
Total Dose Rate (mrem/h) (contact)				
Total Dose Rate (mrem/h) (1 meter)				
Alpha Contamination (dpm/100cm2)				
Beta-Gamma Cont (dpm/100 cm2)				

The data in this section were collected according to approved procedures.

Printed Name	Date

Signature

Los Alamos NATIONAL LABORATORY EST.1943

TRU WASTE STORAGE RECORD

LA00000066850

4. TRU Waste Management Review/Authorization

The data package for this waste has been reviewed. Basedon the information provided, this waste meets the WAC requirements for storage at TA-54.	Printed Name: TAMMY A LASH (120424)	Date: 26-Jun-2014
	Signature: *WCATS Electronic*	

5. Preload Visual Inspection

This waste package was visually inspected prior to transport according to approved procedures. It meets WAC packaging and labeling requirements and is free from obvious damage and defects.	Printed Name	Date:

6. Receiving Site Health Physics Information

Gamma Dose Rate (mrem/h) (contact)	Survey Date	Survey Meter Model	Property Number	Calibration Void Date
Neutron Dose Rate (mrem/h) (contact)	Survey Date	Survey Meter Model	Property Number	Calibration Void Date
Total Dose Rate (mrem/h) (contact)	*The data in this section were collected according to approved procedures.*			
Total Dose Rate (mrem/h) (1 meter)				
Alpha Contamination (dpm/100cm2)	Printed Name			Date
Beta-Gamma Cont (dpm/100 cm2)	Signature			

7. Storage Site Information

Received by (Initials)	Date Received	**Original Storage Data**	
This waste package was visually inspected and found to be properly labeled and in good condition. It was accepted and inspected according to approved procedures.		Building Number / Layer / Row Number	
		Column Number / Date Stacked (MM/DD/YY)	
Printed Name	Date:	Printed Name	Date:
Signature		Signature	

8. Waste Acceptance Office

Intials/Date	WE Description

NCR Number	Intials/Date	NCR Description

Los Alamos NATIONAL LABORATORY EST.1943

TRU WASTE STORAGE RECORD

LA00000066850

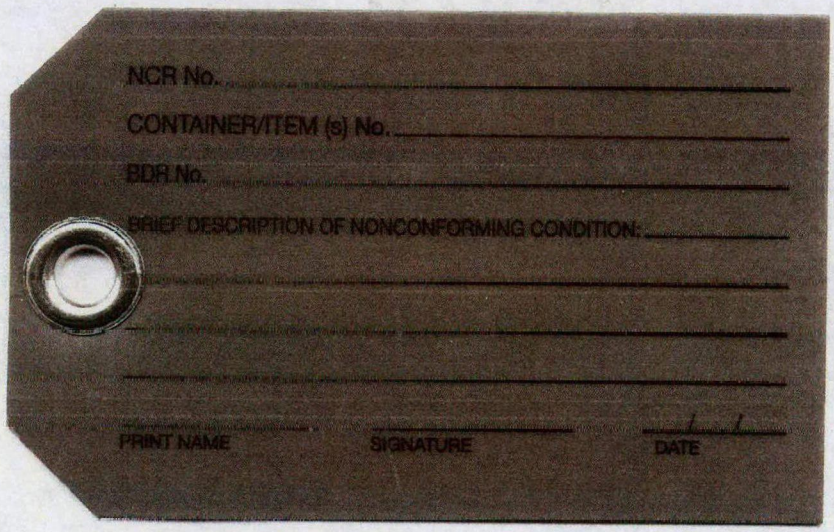
9. Continuation Sheet for Radionuclide Content (from Page 1, Section 2)

Radionuclide Content - Continued			
Nuclide	**Amount**	**Uncertainty**	**C= Curie M = Gram**
No Additional Radionuclides			

10. Continuation Sheet for Hazardous Materials (from Page 1, Section 2)

Hazardous Materials		
Name	**EPA Code**	**Qty (g)**
No Additional Hazardous Materials		

CCP HOLD TAG
DO NOT REMOVE UNTIL RESOLUTION OF NONCONFORMING CONDITION
COMMENTS:
NOT SUITABLE FOR USE AND/OR SHIPMENT TO WIPP WITH THIS NONCONFORMING CONDITION


NCR No.
CONTAINER/ITEM (s) No.
BDR No.
BRIEF DESCRIPTION OF NONCONFORMING CONDITION:
PRINT NAME
SIGNATURE
DATE

AK23

NWP
Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

QA:15:00005
UFC:2300.00

INTER-OFFICE CORRESPONDENCE

DATE: January 15, 2015
V. K. Common for

FROM: J. E. Hoff LOCATION: Quality Assurance

TO: D. E. Gulbransen ED LOCATION: Central Characterization Program

SUBJECT: TRANSMITTAL AND CLOSURE OF NWP QUALITY ASSURANCE AUDIT I15-01, CENTRAL CHARACTERIZATION PROGRAM QUALITY ASSURANCE PROGRAM

Nuclear Waste Partnership LLC (NWP), Quality Assurance (QA) Audit I15-01, *Central Characterization Program Quality Assurance Program*, was performed in segments (October 20 through 23, 2014 and November 24 through December 8, 2014 at the project office in Carlsbad and on November 18 through 20, 2014 at Oak Ridge National Laboratory), to evaluate the adequacy and effective implementation of the Central Characterization Program (CCP) QA Program for compliance with DOE/CBFO-94-1012, *U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document;* WIPP Procedure (WP) 13-1, *NWP Quality Assurance Program Description*; and associated implementing procedure requirements as applicable.

The purpose of this audit was to evaluate the adequacy and implementation of one half of the CCP QA Program. The corresponding halves are audited in successive years. Acceptable Knowledge (AK) was also included in this audit. For the generator site portion of the audit, all applicable program criteria were audited.

The program criteria audited this year at the project office included:

- Organization
- QA Program
- Document Control
- Design Control
- Procurement Document Control
- Instructions, Procedures, and Drawings
- Control of Purchased Items and Services
- Quality Assurance Records
- Independent Assessment/Audits

The results of this audit indicate that the required activities related to the CCP QA Program are adequately and effectively implemented to ensure that program requirements are met. This audit resulted in no findings, no conditions corrected during the audit (CDA), and two observations. The observations require no response. This audit is considered closed with the issuance of this report.

If you have any questions or need further information regarding this audit, please contact Mr. Dale Hood at Extension 8754.

Attachment

cc: W. W. Allen ED
A. J. Fisher ED
M. S. Hendrickson ED
L. E. Hernandez ED
M. F. Ramirez ED
R. D. Reeves ED
M. L. Sensibaugh ED
M. F. Sharif ED
A. O. Stallings ED
S. A. Punchios 451-27
V. M. Waldram ED
Quality Assurance Audit File I15-01

NUCLEAR WASTE PARTNERSHIP
QUALITY ASSURANCE AUDIT REPORT
Central Characterization Program Quality Assurance Program
I15-01

I. EXECUTIVE SUMMARY:

Nuclear Waste Partnership LLC (NWP), Quality Assurance (QA) Audit I15-01, *Central Characterization Program Quality Assurance Program*, was performed in segments (on October 20-23, 2014 and November 24 through December 8, 2014 at the project office in Carlsbad and on November 18-20, 2014 at Oak Ridge National Laboratory), to evaluate the adequacy and effective implementation of the Central Characterization Program (CCP) Quality Assurance Program for compliance with DOE/CBFO-94-1012, *U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document*; WIPP Procedure (WP) 13-1, *NWP Quality Assurance Program Description*; and associated implementing procedure requirements as applicable.

The previous audit of the CCP QA Program resulted in two findings but they were directly related to activities at Los Alamos National Laboratory. Therefore, no review for effectiveness of corrective actions was necessary during this audit.

The results of this audit indicate that the required activities related to the CCP QA Program are adequately and effectively implemented to ensure that program requirements are met. This audit resulted in no findings, no conditions corrected during the audit (CDA), and two observations. The observations require no response. This audit is considered closed with the issuance of this report.

II. AUDIT DETAILS:

Purpose and Scope:

The purpose of this audit was to evaluate the adequacy and effective implementation of approximately one half of the CCP QA Program as well as activities associated with Acceptable Knowledge (AK) which are assessed every year. On alternate years, opposite halves of the QA Program are evaluated. The criteria evaluated during this audit included:

- Organization
- QA Program
- Document Control
- Design Control
- Procurement Document Control
- Instructions, Procedures, and Drawings
- Control of Purchased Items and Services
- Quality Assurance Records
- Independent Assessment/Audits

Additionally, each year's audit includes a site visit to one of the waste generating sites at which CCP is active. This audit included an evaluation of the activities at Oak Ridge National Laboratory (ORNL). During this portion of the audit, all applicable criteria of the CCP QA Program were evaluated.

The approach to this audit included observation of processes, documentation reviews, personnel interviews, and evaluations of associated procedures in order to determine the adequacy and effective implementation of the related program requirements. Where deemed appropriate, elements of the Integrated Safety Management System (ISMS) and Conduct of Operations were also evaluated.

Criteria Used:

- DOE/CBFO-94-1012, Revision 11, *U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document*
- ASME/NQA-1-1989

- WIPP Procedure (WP) 13-1, Revision 34, *Nuclear Waste Partnership LLC Quality Assurance Program Description*
- WP 15-GM.03, Revision 7, *Integrated Safety Management System Description*
- WP 04-CO.01, Revision 2, *Conduct of Operations*

Audit Team:

Lead Auditor:
Mr. T. D. Hood, QA, Oversight Programs

Auditors:
Ms. L. E. Hernandez, QA, Assurance Programs
Ms. V. M. Waldram, QA, Assurance Programs

Inclusive Dates of Audit:

October 20-23, 2014 and November 24 through December 8, 2014 at the project office in Carlsbad.
November 18-20, 2014 at Oak Ridge National Laboratory.

Location of Audit:

Skeen-Whitlock Building (SWB), Carlsbad, New Mexico
Oak Ridge National Laboratory, Oak Ridge, Tennessee

Safety and Security:

The audit in Carlsbad took place in an office environment, with no personal protection equipment being necessary. Audit activities at ORNL involved the audit team's presence in areas where steel-toed shoes, eye protection, and/or hard hats were required; team members complied with all safety requirements.

During the audit, records storage locations were observed to be adequately designated and their access controlled via authorized access signs and/or locked cabinets.

Conclusions:

The audit team concluded that the portions of the CCP QA Program subject to this audit are satisfactorily implemented. The audit team commends the professionalism, knowledge, competence, and courtesy displayed by all personnel contacted during the audit. The audit team also commends the level of cooperation and communication observed at ORNL between CCP and the host site.

The audit team observed that the CCP organization's structure and responsibilities are established via organization charts and procedural guidance.

The audit team verified that the CCP QA Program is established and adequately defined via project plans, interface documents, and procedures. The QA Program was verified to adequately implement applicable upper tier documents, including the CBFO *Quality Assurance Program Document* (QAPD). It was observed that CCP-PO-001, *CCP TRU Waste Characterization Quality Assurance Project Plan* and CCP-PO-002, *CCP Transuranic Waste Certification Plan* are the primary documents that invoke the CBFO QAPD and that numerous implementing procedures are established to provide the detailed support and guidance needed.

The audit team assessed the Document Control activities conducted by Document Services personnel at the SWB and the generation and control of instructions, procedures and drawings. The audit team verified that adequate controls are in place to assure that documents prescribing programmatic requirements and procedural guidance are published and current revisions made available to personnel, the documents are reviewed and approved by appropriate personnel for technical and quality adequacy, and changes to controlled documents receive the same review and approval as the original documents.

The audit team verified CCP personnel properly maintain design configuration and control for the CCP managed equipment utilized during characterization activities. Note that due to a recent lack of new designs, the only recent evidence available for review were changes to existing designs.

The audit team assessed the procurement processes associated with CCP, as well as the control of purchased product. The audit team verified that procurement documents contain adequate descriptions of procured items and associated requirements, both technical and quality-related. Procurement documents were verified to have required reviews by interested parties. Procured items were verified to be received, inspected, and utilized according to procedural requirements.

The audit team verified that quality assurance records are adequately identified, classified, generated and completed, validated, collected, stored, maintained, protected, and transmitted as necessary. This includes hard copy records as well as electronic records.

The audit team verified that assessments, i.e., surveillances and management assessments, are scheduled; conducted by independent, qualified personnel; and reported to interested parties. The process was verified to produce identification of conditions adverse to quality and their resolution. It was noted that audits are not conducted, other than an annual internal audit (which is this audit). It was verified that the combination of the surveillances, management assessments, and annual internal audits provide a comprehensive assessment of the QA Program's implementation. One observation was made related to some surveillance reports being weak in portraying the objective evidence to support the surveillance conclusions; refer to Observation number I15-01-O-01.

The audit team reviewed various documents related to Acceptable Knowledge processes to verify compliance with requirements from CCP-TP-005, Revision 26, *CCP Acceptable Knowledge Documentation* and the WIPP Hazardous Waste Facility Permit.

The audit team traveled to the ORNL to assess the CCP activities conducted at ORNL. For this assessment, the audit team evaluated interface agreement compliance, personnel qualifications, instructions, procedures, document control, material identification and control, inspection and testing, control of measuring and test equipment, inspection and test status, nonconforming item control, corrective action, and records. The audit team verified that the CCP QA Program is effectively implemented in the areas to which it applies at ORNL. One observation made by the audit team, related to apparent confusion in the proper method of completing a certain question on the Site Project Manager (SPM) Checklist for Batch Data Reports (BDR), is documented in Observation number I15-01-O-02.

The audit also included evaluations for the appropriate application of the Integrated Safety Management System (ISMS). Evidence was observed during the course of the audit that supports the positive application of three ISMS Core Functions. Specifically, the NWP Audit Team was able to confirm the application of the following ISMS Core Functions:

- Core Function Number 1, *Define the Scope of Work* – Procedures are established for the CCP QA Program,
- Core Function Number 4, *Perform Work Within Controls* - Procedures are established to assure processes are conducted appropriately, and
- Core Function Number 5, *Provide Feedback and Continuous Improvement* – Periodic assessments of the CCP QA Program are conducted, and necessary corrective actions are taken when adverse conditions are identified.

This audit resulted in the identification of no findings, no CDAs, and two observations. The observations require no response. This audit is considered closed with the issuance of this report.

OBSERVATION(S):

I15-01-O-01

Condition(s) Noted:

A review of five surveillance reports revealed that some surveillance reports and/or corresponding checklists are weak in portraying the objective evidence to support the surveillance conclusions. For example, generic terms (e.g., nonconformance reports, purchase orders) are used instead of specifics.

I15-01-O-02

Condition(s) Noted:

A review of 53 Real Time Radiography batch data reports revealed that Question 12 on the SPM Checklists (Attachment 2 from CCP-TP-001) is sufficiently confusing that it is not being answered consistently. The question asks if observable liquid, if present, meets the criteria of the TSDF-WAC. It is apparent that the question should be answered "N/A" if no liquid was observed. Most instances of no observable liquid are properly answered "N/A", but occasionally the question is answered "Yes" (three of 53 reviewed were seen to be answered "Yes"). Discussions with CCP personnel revealed that this has been an ongoing issue and corrective actions had been undertaken. An email was sent to all SPMs on November 6, 2014 to clarify that "N/A" is the appropriate answer to Question 12 when no liquid is present. The audit team confirmed that all of the observed instances pre-dated November 6, 2014. Because corrective actions are in place and appear to be effective, this condition is being documented as an Observation.

III. ATTACHMENTS:

Attachment 1, *Table of Personnel Contacted*
Attachment 2, *Table of Documents Reviewed*

IV. SIGNATURES:

Prepared by: D. Hood _____ 1-15-15
D. Hood, Lead Auditor — Date
Oversight Programs

Approved by: V. K. Cannon _____ 1-19-15
V. K. Cannon, Manager — Date
Assurance Programs

Attachment 1, *Table of Personnel Contacted*

[A] Attended Audit Entrance Meeting
[B] Contacted During the Audit
[C] Attended Audit Exit Meeting

Name	A	B	C
Cheryl Armijo		X	
Michele Billett		X	
Daphne Brothers		X	
Val Cannon		X	
Judy Carter		X	
Robert Ceo		X	
Jason Cofer		X	
Scott Crider		X	
James Davis	X-2		
Mary Ann Dearing		X	
Harry Dunn	X-2		
Mark Edwards		X	
A. J. Fisher	X-1	X	
Chad Gerlock		X	
Tim Green		X	
Trey Greenwood		X	
Anthony Harley	X-2	X	
LaTravia Harmon	X-2	X	X-2
Elisa Hernandez		X	
Laura Jones		X	
Irene Joo		X	
Scott Kranker	X-2		
Tom Lichty		X	
Eric Lyles		X	
Jesse McAvoy		X	
Roy McClure		X	
Xavier Mitchell		X	
Fred Oney	X-2	X	
Berry Pace	X-2	X	X-2
Jose Payanes		X	
Sheila Pearcy		X	
Mike Ramirez		X	
Ron Reeves	X-1		
Jeremy Robinson		X	
Penny Schilling		X	
Beverly Schrock		X	
Mike Sensibaugh		X	
Patrick Smith		X	
Andrew Stallings	X-2	X	X-2
Maria Steade		X	
Shawn Treadway		X	
Chuck Wallace		X	
Ronald Whitson	X-2	X	
Lisa Yoder		X	

X-1 Entrance or Exit meeting in Carlsbad
X-2 Entrance or Exit meeting at ORNL

Attachment 2, *Table of Documents Reviewed*

Document Identification	Document Title
NM4890139088-TSDF	*WIPP Hazardous Waste Facility Permit*
DOE/CBFO-94-1012, Revision 11	*U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document*
DOE/WIPP-02-3122, Revision 7.4	*Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
DOE/WIPP-06-3345, Revision 6	*Flammable Gas Analysis*
WIPP Procedure (WP) 13-1, Revision 34	*Nuclear Waste Partnership LLC Quality Assurance Program Description*
WP 04-CO.01, Revision 2	*Conduct of Operations*
WP 13-QA.03, Revision 23	*Quality Assurance Independent Assessment Program*
WP 13-QA.05, Revision 11	*Suspect/Counterfeit Items Program*
WP 13-QA1003, Revision 26	*Quality Assurance Receipt/Source Inspections*
WP 13-QA3004, Revision 13	*Nonconformance Report*
WP 13-QA3012, Revision 21	*Supplier Evaluation/Qualification*
WP 15-GM.03, Revision 7	*Integrated Safety Management System Description*
WP 15-GM1002, Revision 2	*Issues Management Processing of WIPP Forms*
WP 15-PC3609, Revision 28	*Preparation of Purchase Requisitions*
WP 15-PM3517, Revision 26	*Stores Inventory Control*
WP 15-PM3518, Revision 3	*Material Receiving*
CCP-AK-ORNL-001, Rev. 10	*CCP AK Summary Report for Nuclear Fuel Services Contact-Handled Transuranic Waste Stored at Oak Ridge National Laboratory*
CCP-AK-ORNL-003, Rev. 3	*CCP AK Summary Report for Oak Ridge National Laboratory Radiochemical Processing Research and Development Contact-Handled Transuranic Waste*
CCP-AK-ORNL-008, Rev. 2	*CCP AK Summary Report for ORNL Isotopes Programs Contact-Handled Transuranic Waste*
CCP-AK-ORNL-500, Rev. 4	*CCP AK Summary Report for ORNL Radiochemical Engineering Development Center Remote-Handled Transuranic Waste*
CCP-CM-001, Revision 4.1	*CCP Equipment Change Authorization and Documentation*
CCP-CM-018, Revision 3	*CCP Real-Time Radiography Unit #3*
CCP-CM-031, Revision 1	*Verification of Designs Produced by External Agencies*
CCP-PO-001, Revision 21	*CCP TRU Waste Characterization Quality Assurance Project Plan*
CCP-PO-002, Revision 27	*CCP Transuranic Waste Certification Plan*
CCP-PO-004, Revision 35	*CCP/Savanah River Site (SRS) Interface Document*
CCP-PO-005, Revision 24	*CCP Conduct of Operations*
CCP-PO-012, Revision 15	*CCP/Los Alamos National Laboratory (LANL) Interface Document*
CCP-PO-024, Revision 14	*CCP/Idaho National Laboratory (INL) Interface Document*
CCP-PO-026, Revision 4	*CCP Configuration Management*
CCP-PO-027, Revision 5	*CCP/TRU Waste Processing Center(TWPC)/Oak Ridge National Laboratory (ORNL) Interface Document*
CCP-QP-001, Revision 8	*CCP Graded Approach*
CCP-QP-002, Revision 38	*CCP Training and Qualification Plan*
CCP-QP-005, Revision 24	*CCP TRU Nonconforming Item Reporting and Control*
CCP-QP-008, Revision 23	*CCP Records Management*
CCP-QP-010, Revision 24	*CCP Document Preparation, Approval, and Control*
CCP-QP-015, Revision 12	*CCP Procurement*
CCP-QP-016, Revision 19	*CCP Control of Measuring and Testing Equipment*
CCP-QP-016, Revision 20	*CCP Control of Measuring and Testing Equipment*
CCP-QP-017, Revision 4	*CCP Identification and Control of Items*
CCP-QP-018, Revision 11	*CCP Management Assessment*

Document Identification	Document Title
CCP-QP-019, Revision 7	*CCP Quality Assurance Reporting to Management*
CCP-QP-021, Revision 10	*CCP Surveillance Program*
CCP-QP-026, Revision 14	*CCP Inspection Control*
CCP-QP-027, Revision 6	*CCP Test Control*
CCP-QP-028, Revision 15	*CCP Records Filing, Inventorying, Scheduling, and Dispositioning*
CCP-TP-001, Revision 21	*CCP Project Level Data Validation and Verification*
CCP-TP-002, Revision 26	*CCP Reconciliation of DQOs and Reporting Characterization Data*
CCP-TP-005, Revision 26	*CCP Acceptable Knowledge Documentation*
CCP-TP-011, Revision 17	*CCP Radiography Inspection Operating Procedure*
CCP-TP-033, Revision 22	*CCP Shipping of CH TRU Waste*
CCP-TP-035, Revision 26	*CCP Container Management*
CCP-TP-047, Revision 12	*CCP Mobile IQ3 Gamma Scanner Operation*
CCP-TP-048, Revision 16	*CCP ORNL NDA System Data Reviewing, Validating, and Reporting Procedure*
CCP-TP-053, Revision 15	*CCP Standard Real-Time Radiography (RTR) Inspection Procedure*
CCP-TP-066, Revision 14	*CCP Radiography Screening Procedure for Prohibited Items*
CCP-TP-068, Revision 11	*CCP Standardized Container Management*
CCP-TP-076, Revision 1	*CCP Operating the Mobile ISOCS Large Container Counter Using NDA 2000*
CCP-TP-113, Revision 18	*CCP Standard Contact-Handled Waste Visual Examination*
CCP-TP-120, Revision 16	*CCP Container Management*
CCP-TP-164, Revision 1	*CCP Real-Time Radiography #7 Operating Procedure*
CCP-TP-165, Revision 3	*CCP Real-Time Radiography #6 Operating Procedure*
	2014 CCP Management Assessment Log, 10/22/14
CP:14:01050, dated 2/7/14	Interoffice Correspondence from A. J. Fisher to D. E. Gulbransen, Subject: *Transmittal of Central Characterization Program Management Assessment Report MA-CCP-0001-14, Time Required to Close CBFO Corrective Action Reports Issued to National TRU Program Certification in 2013* (Report was attached)
CP:14:01071, dated 3/31/14	Interoffice Correspondence from A. J. Fisher to D. E. Gulbransen, Subject: *Transmittal of Central Characterization Program Management Assessment Report MA-CCP-0003-14, Processing Flow of Project Office Records into National TRU Program Certification Records* (Report was attached)
CP:14:01163, dated 5/29/14	Interoffice Correspondence from A. J. Fisher to D. E. Gulbransen, Subject: *Transmittal of Central Characterization Program Management Assessment Report MA-CCP-0001-14, TRU Waste Characterization Operations at Oak Ridge National Laboratory (Integrated Safety Management System and Conduct of Operations* (Report was attached)
CP:14:01185, dated 7/17/14	Interoffice Correspondence from A. J. Fisher to D. E. Gulbransen, Subject: *Transmittal of Central Characterization Program Management Assessment Report MA-CCP-0007-14, Real-Time Radiography Data Generation and Review* (Report was attached)
CP:14:01218, dated 8/28/14	Interoffice Correspondence from A. J. Fisher to D. E. Gulbransen, Subject: *Transmittal of Central Characterization Program Management Assessment Report MA-CCP-0001-14, Safety Conscious Work Environment Process Implementation for Central Characterization Program Operations at Los Alamos National Laboratory, Oak Ridge National Laboratory, and Idaho National Laboratory* (Report was attached)
CP:14:01254, dated 10/16/14	Interoffice Correspondence from A. J. Fisher to D. E. Gulbransen, Subject: *Transmittal of Central Characterization Program Management Assessment Report MA-CCP-0001-14, Review of RTR Data Generation Level Batch Data Report Development and Independent Technical Review* (Report was attached)
	Semiannual Report on the Central Characterization Program Quality Assurance Program, Second Half of Calendar Year 2013 (July 1 through December 31, 2013)
	Semiannual Report on the Central Characterization Program Quality Assurance Program, First Half of Calendar Year 2014 (January 1 through June 30, 2014)
	National TRU Program organization chart, dated August 2014
CP:14:01136, dated 5/21/14	Letter from M. F. Sharif to J. R. Stroble, Subject: *Designation of Central*

Document Identification	Document Title
	Characterization Program Officials at Idaho National Laboratory
CP:14:01042, dated 2/3/14	Letter from D. E. Gulbransen to J. R. Stroble, Subject: *Designation of Central Characterization Program Officials at Oak Ridge National Laboratory*
CP:14:01177, dated 6/25/14	Letter from M. F. Sharif to J. R. Stroble, Subject: *Designation of Central Characterization Program Officials at Los Alamos National Laboratory*
	Reviewed CCP Document Services files (included controlled copy of procedure, approvals, comments, etc.) for the following procedures: • CCP-PO-001, (currently at Rev. 21) *CCP TRU Waste Characterization Quality Assurance Project Plan* • CCP-PO-002, (currently at Rev. 27) *CCP Transuranic Waste Certification Plan* • CCP-PO-027, (currently at Rev. 5) *CCP/TWPC/ORNL Interface Document* • CCP-QP-010, (currently at Rev. 24) *CCP Document Preparation, Approval, and Control* • CCP-QP-018, (currently at Rev. 11) *CCP Management Assessment* • CCP-QP-019, (currently at Rev. 7) *CCP Quality Assurance Reporting to Management* • CCP-QP-021, (currently at Rev. 10) *CCP Surveillance Program*
CCP-SO[Standing Order]-093, Revision 4	*Content of Document Record Packages Prepared by CCP Document Services*
CCP-SO-100, Revision 3	*Assignment of Review Levels for New and Revised Documentation in Q&MIS*
	CCP 2014 Surveillance Schedule, Attachment 1, 10/23/2014
	Surveillance Log, dated 10/23/2014, reviewed for the following: • CCP • INL • RHINL • LANL • ORNL • RHORNL • RHSNL • SRS
QA:14:01029, dated 5/20/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Notification of Surveillance SUR-CCP-02-14, Project Office Records Management* (surveillance plan was attached)
QA:14:01045, dated 7/21/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Information Copy of Completed Central Characterization Program Surveillance Report SUR-CCP-02-14, CCP Records Management* (Report was attached)
QA:14:01031, dated 5/21/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Notification of Surveillance SUR-CCP-03-14, Procurement* (surveillance plan was attached)
QA:14:01173, dated 6/4/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Information Copy of Completed Central Characterization Program Surveillance Report SUR-CCP-03-14, Procurement* (Report was attached)
QA:14:01028, dated 5/16/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Notification of Surveillance SUR-CCP-06-14, Project Office Integrated Data Center* (surveillance plan was attached)
QA:14:01058, dated 9/16/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Information Copy of Completed Central Characterization Program Surveillance Report SUR-CCP-06-14, Project Office Integrated Data Center* (Report was attached)
QA:14:01049, dated 8/6/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Notification of Surveillance SUR-ORNL-05-14, Central Characterization Program Standardized Container Management* (surveillance plan was attached)

Document Identification	Document Title
QA:14:01053, dated 8/19/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Information Copy of Surveillance SUR-ORNL-05-14, Central Characterization Program Standardized Container Management* (Report was attached)
QA:14:01057, dated 9/4/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Notification of Surveillance SUR-ORNL-06-14, Central Characterization Program Measuring and Test Equipment* (surveillance plan was attached)
QA:14:01062, dated 9/22/14	Interoffice Correspondence from V. K. Cannon to D. E. Gulbransen, Subject: *Information Copy of Surveillance SUR-ORNL-06-14, Central Characterization Program Measuring and Test Equipment* (Report was attached)
	Two each *CCP Nondestructive Assay Production Reports,* dated 11/3/14 and 11/19/14
Nonconformance Reports (NCRs)	NCR-ORNL-0969-14; NCR-ORNL-0144-14; NCR-ORNL-0145-14; NCR-ORNL-0146-14; NCR-ORNL-0147-14; NCR-ORNL-0148-14; NCR-ORNL-0149-14; NCR-ORNL-0150-14; NCR-ORNL-0151-14; NCR-ORNL-0152-14; NCR-ORNL-0153-14; NCR-ORNL-0154-14, Revs. 0, 1 & 2; NCR-ORNL-0155-14, Revs. 0 & 1; NCR-ORNL-0156-14; NCR-ORNL-0157-14; NCR-ORNL-0232-14, Revs. 0 & 1; NCR-ORNL-0233-14; NCR-ORNL-0234-14, Revs. 0 & 1; NCR-ORNL-0237-14, Revs. 0 & 1; NCR-ORNL-0238-14, Revs. 0, 1 & 2; NCR-ORNL-0244-14; NCR-ORNL-0247-14, Revs. 0 & 1; NCR-ORNL-0265-14; NCR-ORNL-0782-14; NCR-ORNL-0917-14; NCR-ORNL-0919-14; NCR-ORNL-0931-14; NCR-ORNL-0974-14; NCR-ORNL-0975-14; NCR-ORNL-0977-14; NCR-ORNL-0978-14; NCR-ORNL-0979-14; NCR-ORNL-0980-14; NCR-ORNL-0990-14
	Calibration files for measuring and test equipment (M&TE): • WIPP002, Scale • WIPP150, Torque Wrench • WIPP168, Torque Wrench
	List of CCP gradings
	Email from Carolina Soaterna, dated 11/6/14, Subject: VE SPM checklist

Document Identification	Document Title
	Email from Mike Ramirez, dated 11/6/14, Subject: RTR SPM checklist
	For the following batch data reports (BDRs), reviewed the SPM checklist and RTR reports: OR-RTR6-0600 OR-RTR6-0590 OR-RTR7-0093 OR-RTR6-0599 OR-RTR7-0113 OR-RTR7-0092 OR-RTR6-0598 OR-RTR6-0589 OR-RTR7-0091 OR-RTR7-0122 OR-RTR7-0112 OR-RTR6-0573 OR-RTR6-0597 OR-RTR7-0111 OR-RTR7-0090 OR-RTR7-0121 OR-RTR6-0588 OR-RTR7-0089 OR-RTR6-0596 OR-RTR6-0583 OR-RTR6-0572 OR-RTR7-0120 OR-RTR7-0104 OR-RTR7-0088 OR-RTR6-0594 OR-RTR7-0103 OR-RTR6-0571 OR-RTR7-0117 OR-RTR6-0582 OR-RTR6-0570 OR-RTR6-0593 OR-RTR6-0581 OR-RTR7-0087 OR-RTR6-0592 OR-RTR7-0102 OR-RTR7-0086 OR-RTR7-0116 OR-RTR7-0101 OR-RTR7-0085 OR-RTR6-0591 OR-RTR6-0580 OR-RTR6-0569 OR-RTR7-0115 OR-RTR6-0579 OR-RTR7-0084 OR-RTR7-0084 OR-RTR7-0100 OR-RTR6-0568 OR-RTR7-0114 OR-RTR7-0094
	Email from Aaron Clements, dated 11/6/14, Subject: Load #28 (BOL 14-AH158) – Approved Transfer to UCOR Storage
	Email from Andrew Stallings, dated 7/14/14, Subject: UCOR Shipping List
	Email from Mike Sensibaugh, dated 11/20/13, Subject: Response to Question on RTR Documentation for Impenetrables
	Indoctrination Reading records for the following: Danette Acosta, Pilar Fletcher, Leon Navarrete, Sheila Pearcy, Misty Waldrip, and Jewel Yturralde
	Electronic Media Compact Discs: MCS, OR-IQ3-0343 - original and backup; MCS, OR-IQ3-0366 - original and backup; MCS, OR-IQ3-0374 - original and backup; MCS, OR-IQ3-0375 - original and backup
	Electronic Back Up Logs: Job Log for Dixon - FULL/INC-Full Backup, October 12, 2014; Job Log for Dixon - FULL/INC-Incremental Backup, October 21, 2014; Job Log for Churchrock - FULL/INC-Full Backup, October 5, 2014; Job Log for Churchrock - FULL/INC-Incremental Backup, October 21, 2014
	Batch Data Reports: OR14FG8129; OR14FG8141; OR-MILCC2-0084; OR-MILCC2-0085; OR-MILCC2-0093; OR-MILCC2-0098; OR-IQ3-0374; OR-IQ3-0375; OR-IQ3-0387; OR-IQ3-0396;

Document Identification	Document Title
	ORVECH0113; ORVECH0119; OR-RTR7-0107; OR-RTR7-0108; OR-RTR6-0556; OR-RTR6-0574; OR-RTR6-0584; OR-RTR6-0586
	CCP Document Services files for the following controlled documents: • CCP-AK-ORNL-009, Revision 1, *CCP AK Summary Report for ORNL Solid Waste Storage Area 5 North 7802N Trench Area Contact-Handled Transuranic Waste, Waste Streams OR-SWSA-CH-SOIL and OR-SWSA-CH-HET* • CCP-CP-SRS-622, Revision 0, *Central Characterization Program RH TRU Waste Certification Plan for 40 CFR Part 194 Compliance For Savannah River Site Waste Stream: SR-RH-MNDPAD1.01* • CCP-RC-INL-651, Revision 0, *Central Characterization Program Remote-Handled Transuranic Radiological Characterization Technical Report For Remote-Handled Transuranic Waste From The Idaho National Laboratory Waste Stream: ID-ANLW-W269-RH*
	Records Inventory and Disposition Schedules (RIDS): CCP/NTP/General RIDS, dated 3/18/14; CCP/NTP/Remote Handled (RH) for All Sites RIDS, dated 7/17/14; CCP/Contact Handled (CH) for All Sites RIDS, dated 7/30/14
	CCP Letter Log (electronic) for 2014
	Procurement Files (to include Purchase Requisitions [PRs], Purchase Orders [POs], PR Change Notices [PRCNs], Certificates of Conformance [C of Cs], etc. as applicable): Nucfil, LLC dba NFT, TA409083-69; Nucfil, LLC dba NFT, TA409083-63; International Engineering Services, TA412298-16; NFT PO503367; Hall Machine and Welding Company, PO5052765; Petersen, PO502737
	Oak Ridge National Laboratory Receipt Inspection Verification Sheets (RIVS) (to include Certificates of Analysis [CoAs] for gases) for Purchase Orders 501014, 501332, 502112; 502397; 502972, 503639
	ORNL List of Qualified Individuals (LOQI): CCP - ORNL LOQI, CCP - RH Program - LOQI
	E-mail from Beverly Schrock to CCP Training, dated October 14, 2013; subject: VEE [Visual Examination Expert] Appointment Letter for Anthony Harley NOTE: for Contact-Handled (CH) Waste
	E-mail from Irene Joo to Michele Billet/Cheryl Armijo, dated October 13, 2013; subject: VEE appointment Anthony Harley - RH [Remote-Handled] ORNL
CCP Characterization Equipment Change Authorization, CAQ-CM14-006	*Replace ATV Talon Model: Talon9C video camera multiplexer with Speco Technologies Model: RMX-9CD.*
	Acceptable Knowledge Tracking Spreadsheets dated 11/17/14 and 10/17/14
	Technical Training Transcripts/Qualifications Cards: **Expert Analyst:** Kevin Meyer - EA-16, *Expert Analyst (EA) for the Mobile ISOCS Large Container Counter (MILCC) Qualification Card*, dated 04/08/2014; and

Document Identification	Document Title
	EA-01, *Expert Analyst (EA) for the Oak Ridge National Laboratory (ORNL) IQ3 Qualification Card,* dated 10/22/2013 **Flammable Gas Analysis:** Carmel Byrd - FGA-01, *Flammable Gas Analysis (FGA) Operator/Independent Technical Reviewer (ITR) Qualification Card*, dated 01/02/2014 (initial) James Davis - FGA-01, dated 12/30/2013 (initial) Jeremy Robinson - FGA-01, dated 06/26/2014 (requalification) **Nondestructive Analysis:** Dan Crosby - NDA-16, *Non-Destructive Assay (NDA) Operator/Independent Technical Reviewer (ITR) for the Mobile ISOCS Large Container Counter (MILCC) System Qualification Card*, dated 06/05/2014 (initial); and NDA-01, *Non-Destructive Assay (NDA) Operator/Independent Technical Reviewer (ITR) for the Qualitative and Quantitative Drum Counter with Isotopics (IQ3) System Qualification Card*, dated 01/21/2014 (initial) Chad Gerlock - NDA-16, dated 04/15/2014 (initial); and NDA-01, dated 11/11/2013 (initial) Maria Steade - NDA-16, dated 06/05/2014 (initial); and NDA-01, dated 01/02/2014 (initial) Ronald Whitson - NDA-16, dated 04/24/2014 (Subject Matter Expert (SME) initial); and NDA-01, dated 10/08/2013 (SME initial) **Real-Time Radiography:** John Brookshire - RTR-02, *Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card*, dated 01/30/2014 (requalification) Daphne Brothers - RTR-02, dated 11/25/2013 (full requalification) Eric Lyles - RTR-02, dated 02/04/2014 (requalification) Fred Oney - RTR-02, dated 04/29/2014 (requalification) Steve Redmond - RTR-02, dated 11/18/2013 (requalification) **Site Project Manager:** Barbara Broomfield - SPM-0, *Site Project Manager (SPM) Qualification Card*, dated 11/02/2004 (one time only) Jake Knox - SPM-01, *Contact Handled (CH) SPM Qualification Card*, dated 10/23/2013 (one time only) Carolina Soaterna - SPM-01, dated 05/31/2011 (one time only) Daniel Wade - SPM-01, dated 10/23/2013 (one time only) **Visual Examination:** Jason Cofer - VE-01, *Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card*, dated 04/01/2014 (initial); and RH-VE-01, *Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Remote-Handled (RH) Waste Qualification Card*, dated 11/18/2013 (initial) Anthony Harley - VE-01, dated 09/04/2013 (requalification); and RH-VE-01, dated 06/06/2013 (requalification Derek Matheny - VE-01, dated 04/01/2014 (initial); and

Document Identification	Document Title
	RH-VE-01, dated 12/19/2013 (initial Chuck Wallace - VE-01, dated 04/01/2014 (initial); and RH-VE-01, dated 11/18/2013 (initial **NWP/CCP Project Office Personnel:** Antonio Chavarria - QAE-02, *WIPP Quality Assurance Quality Engineer Authorization Card* LaTravia Harmon - QAE-02 Jack Hayes - relevant training in procurement (i.e. CON-004, *Procurement Qualification Training;* CON-006, *Procurement Services Advanced Qualifications;* and/or CON-008, *Graded Approach to the Application of QA Controls to Purchase Requisitions*/CON-010, *Credit Card Program)* Elisa Hernandez - relevant training in procurement (i.e. CON-004, CON-006, and/or CON-008/CON-010) Larry Klinger - relevant training in procurement (i.e. CON-004, CON-006, and/or CON-008/CON-010) Robbie Morrison - relevant training in procurement (i.e. CON-004, CON-006, and/or CON-008/CON-010) Priscilla Ridenour - relevant training in procurement (i.e. CON-004, CON-006, and/or CON-008/CON-010)
	CCP QA Surveillances • SUR-ORNL-01-14 • SUR-ORNL-02-14 • SUR-ORNL-03-14 • SUR-ORNL-04-14 • SUR-ORNL-05-14 • SUR-ORNL-06-14
	TWCP Management Assessments • MA-2013-186 • MA-2014-033 • MA-2014-034 • MA-2014-035 • MA-2014-064
	Standing Orders • CCP-SO-ORNL-012, Rev. 2 • CCP-SO-ORNL-023, Rev. 0 • CCP-SO-ORNL-025, Rev. 0 • CCP-SO-036, Rev. 1 • CCP-SO-080, Rev. 1 • CCP-SO-112, Rev. 0 • CCP-SO-112, Rev. 0 • CCP-SO-ORNL-014, Rev. 7 • CCP-SO-ORNL-024, Rev. 0
	Operator Aids • OA-ORNL-0129-13 • OA-ORNL-0132-14, Rev. 0 • OA-ORNL-0121-11, Rev. 1 • OA-ORNL-0137, Rev. 0 • OA-ORNL-0133-14, Rev. 0 • OA-ORNL-0123-11, Rev. 1 • OA-ORNL-0135-14, Rev. 0 • OA-ORNL-0011-001, Rev. 6
	List of Qualified Individuals (LOQI), dated 11/17/14 and 10/6/14
	Logbooks • CCP-ORNL-RTR6-002

Document Identification	Document Title
	• CCP-ORNL-FGA8-003

NWP
Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01161
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: August 24, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: ACCEPTABLE KNOWLEDGE ACCURACY REPORT: LOS ALAMOS NATIONAL LABORATORY WASTE STREAM NUMBER LA-MHD01.001, MIXED HETEROGENEOUS DEBRIS FROM TA-55, NO NEW LOTS

Purpose

CCP-TP-005, *CCP Acceptable Knowledge Documentation*, requires that Acceptable Knowledge (AK) accuracy be evaluated and documented, either on a lot or waste stream basis. The purpose of this memorandum is to document that no new lots have been generated and subsequently reviewed for accuracy since the last reporting period.

If you have any questions, or if you would like more information about the contents of this AK Accuracy Report, please contact Ms. T. Groover at (505) 606-2344.

TG:lcg

cc: NWP

R. J. Kuhn ED
M. F. Ramirez ED
CCP Records Custodian GSA-212

Tech Specs

M.J. Papp ED

COPY

CCP RECORDS ORIGINAL
DATE REC'D 8.26.15 SY

Nuclear Waste Partnership LLC
An AECOM-led partnership with B&W and AREVA

CP:15:01159
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: August 20, 2015

FROM: T. Groover tgroover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: ACCEPTABLE KNOWLEDGE ACCURACY REPORT: LOS ALAMOS NATIONAL LABORATORY WASTE STREAM NUMBER LA-MSG04.001, CONTAMINATED SOIL FROM TA-21 DP WEST FACILITY, NO NEW LOTS

Purpose

CCP-TP-005, *CCP Acceptable Knowledge Documentation*, requires that Acceptable Knowledge (AK) accuracy be evaluated and documented, either on a lot or waste stream basis. The purpose of this memorandum is to document that no new lots have been generated and subsequently reviewed for accuracy since the last reporting period.

If you have any questions, or if you would like more information about the contents of this AK Accuracy Report, please contact Ms. T. Groover at (505) 606-2344.

TG:lcg

cc: NWP

R. J. Kuhn ED
M. F. Ramirez ED
CCP Records Custodian GSA-212

Tech Specs

M. J. Papp ED

COPY

CCP RECORDS ORIGINAL
DATE REC'D 8.26.15 JY

Nuclear Waste Partnership LLC

An AECOM-led partnership with B&W and AREVA

CP:15:01165
UFC:5900.00

INTER-OFFICE CORRESPONDENCE

DATE: August 24, 2015

FROM: T. Groover LOCATION: Certification

TO: C. E. Simmons ED LOCATION: Host Site Operations
Los Alamos National Laboratory

SUBJECT: ACCEPTABLE KNOWLEDGE ACCURACY REPORT: LOS ALAMOS NATIONAL LABORATORY WASTE STREAM NUMBER LA-OS-00-01.001, DEFENSE SEALED SOURCES FROM OFF-SITE SOURCE RECOVERY PROJECT (OSRP), LOT 85

Purpose

CCP-TP-005, *CCP Acceptable Knowledge Documentation*, requires that Acceptable Knowledge (AK) accuracy be evaluated and documented, either on a lot or waste stream basis. The purpose of this correspondence is to document the results of the AK accuracy evaluation for containers in waste stream LA-OS-00-01.001, Defense Sealed Sources from OSRP, lot 85.

Methodology

In accordance with CCP-TP-005, the CCP Acceptable Knowledge Characterization Checklists (Attachment 13) for each lot in waste stream LA-OS-00-01.001 subject to this AK accuracy review were evaluated. Acceptable Knowledge Re-Evaluation Checklists (Attachment 10), as applicable, were also reviewed as part of the AK accuracy determination.

The results of the AK accuracy evaluation for waste stream LA-OS-00-01.001, lot 85, are documented on the attached AK Accuracy Report Form, Attachment 14 (See attachment 1). A total of 13 containers have been evaluated for AK accuracy and are provided as attachment 2. Containers that had the Waste Matrix Code (WMC) reassigned, Environmental Protection Agency (EPA) Hazardous Waste Numbers (HWNs) reassigned, or were found to have radiological data inconsistent with AK, are identified on the AK Accuracy Report Form. The results of the AK Accuracy determination for waste stream LA-OS-00-01.001, lot 85, are addressed in the following sections of this correspondence.

Results of AK Accuracy Determination

Acceptable Knowledge Re-Evaluation and Confirmation for Waste Stream LA-OS-00-01.001

No AK Re-evaluation Checklists were prepared and reviewed for waste containers in waste stream LA-OS-00-01.001, lot 85. A review of CCP Waste Stream Characterization Checklists indicates the following:

- No containers were reassigned to a different WMC. Consistent with AK, the waste reviewed during this evaluation period is greater than 50 percent heterogeneous debris.
- No new EPA HWNs were assigned to this waste stream.

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DATE REC'D 8-26-15 SN

- AK identifies Pu-239 and Am-241 as the two most prevalent isotopes by weight percent. The two most prevalent nuclides in this lot were not consistent with AK, but this was not considered significant because the isotopes identified were anticipated in the waste (e.g. Pu-238).

The waste material parameters, EPA HWNs and radionuclides are, within reasonable error, as predicted in the AK.

Containers Requiring Special Consideration

No AK re-evaluation occurred during this AK accuracy evaluation period.

Summary

There are a total of 13 waste containers in lot 85 for waste stream LA-OS-00-01.001. Of these containers, all were determined to be consistent with AK.

The percent of waste containers found to be consistent with AK is therefore:

13/13 x 100% = 100%

This AK Accuracy Report has been prepared in accordance with CCP-TP-005. The original Attachment 14, AK Accuracy Report, and the supporting list of waste containers in lot 85 for waste stream LA-OS-00-01.001 are provided to the Site Project Manager for review, in accordance with CCP-TP-005 requirements.

If you have any questions, or if you would like more information about the contents of this AK Accuracy Report, please contact Ms. T. Groover at (505) 606-2344.

TG:lcg

Enclosures
1. CCP-TP-005 attachment 14, CCP AK Accuracy Report
2. CCP Correlation of Container Identification Numbers to Batch Data Report Numbers, Lot 85

cc: NWP

(without enclosures)
R. J. Kuhn ED
M. F. Ramirez ED

(with enclosures)
CCP Records Custodian GSA-212

Tech Specs

(without enclosures)
M. J. Papp

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-OS-00-01.001 Lot # 85

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Load/Manage Overpack Yes	Transportation Headspace Gas	
						FGA	GGT
65483	LA00000065483	LA14-OSR-CH-003	N/A	LA14-OSR-VE-003	No	N/A	N/A
67506	LA00000067506	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67507	LA00000067507	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67508	LA00000067508	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67509	LA00000067509	LA14-OSR-CH-004	N/A	LA14-OSR-VE-004	No	N/A	N/A
67523	LA00000067523	LA14-OSR-CH-002	N/A	LA14-OSR-VE-002	No	N/A	N/A
67524	LA00000067524	LA14-OSR-CH-002	N/A	LA14-OSR-VE-002	No	N/A	N/A
67528	LA00000067528	LA14-OSR-CH-006	N/A	LA14-OSR-VE-006	No	N/A	N/A
67529	LA00000067529	LA14-OSR-CH-006	N/A	LA14-OSR-VE-006	No	N/A	N/A
67530	LA00000067530	LA14-OSR-CH-006	N/A	LA14-OSR-VE-006	No	N/A	N/A
67538	LA00000067538	LA14-OSR-CH-005	N/A	LA14-OSR-VE-005	No	N/A	N/A
67539	LA00000067539	LA14-OSR-CH-005	N/A	LA14-OSR-VE-005	No	N/A	N/A
67540	LA00000067540	LA14-OSR-CH-005	N/A	LA14-OSR-VE-005	No	N/A	N/A

Signature of Site Project Manager | Roger Whiteaker (Printed Name) | 05/22/2014 (Date)

Attachment 14 – CCP Acceptable Knowledge Accuracy Report

CCP Acceptable Knowledge Accuracy Report

Site(s): LANL

Waste Stream Number(s): LA-OS-00-01.001, LOT 85

Waste Stream Description: DEFENSE SEALED SOURCES FROM OFF-SITE SOURCE RECOVERY PROJECT (OSRP)

Waste Containers:	Waste Matrix Code Reassigned? (Y/N)	EPA Hazardous Waste Number Reassigned? (Y/N)	Radiological Data Consistent with AK? (Y/N)
NA	N	N	Y

Total containers in this report: 13
Total containers consistent with AK: 13
Percent containers consistent with AK: 100

Site Project Manager:

T. Groover / tgroover
Print Sign

Date: 8/24/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE550140				Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67641 67645 67646 67647 67648 67649 67650 67654
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs.
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 8/11/14

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550140				Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No observable liquid.
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550140	**Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not a LANL Sealed Source.
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550140				**Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			8/7/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE550140 Examination Date: 7-17-14

	Waste Container ID Number:
1	67641
2	67645
3	67646
4	67647
5	67648
6	67649
7	67650
8	67654
9	
10	
11	
12	
13	
14	N/A
15	(J)
16	7-17-14
17	
18	
19	
20	

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	7-31-14
Print Name	Signature	Date

01

NTPC RECORDS ORIGINAL
DATE REC'D 8/4/14

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVES50140 Examination Date: 7-17-2014

Table of Contents

Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	01
2	CCP Waste VE Batch Data Report Table of Contents	02
3	CCP Waste Visual Examination General Information Form	03
4	CCP Waste Visual Examination Data Forms	05
5	CCP Waste VE Independent Technical Reviewer Checklist	45
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550140

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 7-17-14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 100523 Calibration Due Date: 6-11-15 Operational Check: ☑ SAT ☐ UNSAT
Comments: The VEE has determined not to use the VE scale.	
Visual Examination Operator 1: James E. Thompson (Print Name) / James E. Thompson (Signature) / 7-17-14 (Date)	
Visual Examination Operator 2: Michael C. Trujillo (Print Name) / Michael C. Trujillo (Signature) / 7/17/14 (Date)	

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550140

☐ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 7-17-2014	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☒ N/A	☐ SAT
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 208622 Calibration Due Date: 6-5-2015 Operational Check: ☒ SAT ☐ UNSAT

Comments:

THE VEE HAS DETERMINED NOT TO USE THE VE SCALE.

Visual Examination Operator 1:		
JOE STEPZINSKI	Joseph D Stepzinski	7-17-2014
Print Name	Signature	Date
Visual Examination Operator 2:		
Luis Romero	Luis Romero	7-17-2014
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67641	Waste Stream ID: LA-MHD01.001	
Container Type: 55 gal. drum	TRUCON Code: LA 225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 28.3 kg.	Gross Wt: 31.5 kg.	
Rigid Liner Present? ☑ NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☑ NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A ☐ Vented: Hole Size: ☑ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☐ NO ☑ YES	Volume Utilization Percentage: 5 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-14 Filter: Model No.: Nucfil-019DS Serial No.: FN-2090 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE.550140 **Date:** 7-17-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
741955	metal can, metal lid metal floor sweepings	IM	3.0	E
741955	plastic bag, vinyl tape	PW	0.2	E
	N/A 7-17-14	JV		

N/A VEO 1: Print Name	N/A Signature	N/A Date
N/A VEO 2: Print Name	N/A Signature	N/A Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67641

TID Removed: N/A **TID Applied:** LANL 023674

N/A VEO 1: Print Name	N/A Signature	N/A Date
N/A VEO 2: Print Name	N/A Signature	N/A Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 67641

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.6
Others:	N/A
Total Packaging Weight:	28.3
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	3.0
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	3.2

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67641

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 607641

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	[signature]	7-17-14
Print Name	Signature	Date

Visual Examination Operator 2:

Michael C. Trujillo	[signature]	7/17/14
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67645	Waste Stream ID: LA-MHD01.001	
Container Type: 55GAL POC	TRUCON Code: LA225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 161.8 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-019DS Serial No.: LM-1154 Torque Value: 10 FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60 FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE WAS INITIATED ON CCP-TP-113 REV 16		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 6-3-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.[a]]	Weighing Code(s) [Table 4[b]]
JDS 7-17-14 938911 7 LANL 021330	ceramic pieces	OI	0.5	E
JDS 7-17-14 938911 7 LANL 021330	metal can metal lid	IM	8.7	E
JDS 7-17-14 938911 7 LANL 021330	plastic bag vinyl tape	PW	0.2	E
	N/A AJH 6-3-13			

Anthony Harley — VEO 1: Print Name — Signature — 6-3-13 — Date
Robert Geyer — VEO 2: Print Name — Signature — 6-3-13 — Date
Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67645

PCI Removed: N/A **PCI Applied:** LANL 029761

JOE STEPZINSKI — VEO 1: Print Name — Joseph D Stepinski — Signature — 7-17-2014 — Date
Luis Romero — VEO 2: Print Name — Luis Romero — Signature — 7-17-2014 — Date
Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50140

Output Waste Container ID: 67645

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	8.7
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	9.4

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67645

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

13
12
7-29-14

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67645

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered YES will be explained in the Comments block)

Comments:
N/A

Section 5: Approvals

Visual Examination Operator 1:

Print Name	Signature	Date
JOE STEPZINSKI	Joseph D Stepzinski	7-17-2014

Visual Examination Operator 2:

Print Name	Signature	Date
Luis Romero	Luis Romero	7-17-2014

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data

Input Waste Container ID, as applicable: N/A

Output Waste Container ID: 67646 | Waste Stream ID: LA-MHD01.001

Container Type: 55 GAL POL | TRUCON Code: LA225 | Waste Matrix Code: S5400

Audio/Video Media Recording Number: ☒ N/A

Waste Container Weights:
Tare Wt: 152.4 kg. Gross Wt: 157.2 kg.

Rigid Liner Present? ☐ NO ☒ YES
Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other:
Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil

Rigid Liner Lid Present? ☐ NO ☒ YES
Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A
☒ Vented: Hole Size: 0.875 ☐ N/A
☐ Filtered: Model No.: ☒ N/A
Serial No.: ☒ N/A

Bag Liner Present? ☒ NO ☐ YES

Volume Utilization Percentage: 95 %

Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])?
☐ NO ☒ YES

Does the physical form of the waste match the Waste Matrix Code?
☐ NO ☒ YES

Closure Method: TTF
Number of Layers of Confinement: 1

Filter Torque Wrench
Serial/ID No.: 101382
Calibration Due Date: 12-4-2014
Filter: Model No.: NUCFIL-0190S
Serial No.: LM-1152
Torque Value: 10 FT/LBS

Lid Ring/Bolt Torque Wrench
Serial/ID No.: 101388
Calibration Due Date: 12-11-2014
Lid Ring/Bolt Torque Value: 60 FT/LBS

Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES

NCR(s) associated with the output container? ☒ NO ☐ YES
NCR No.: N/A
NCR No.: N/A

Comments:
N/A

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735954 LANL 019625	salts	IN	0.2	E
735954 LANL 019625	metal can, metal lid	IM	4.4	E
735954 LANL 019625	plastic bags, vinyl tape	PW	0.2	E
	N/A (JT) 5-15-14			

James E. Thompson — Signature — 5-15-14
VEO 1: Print Name — Signature — Date

Michael C. Trujillo — Signature — 5/15/14
VEO 2: Print Name — Signature — Date

Signatures annotate the absence of prohibited items. ~~LANL~~ JT 7-17-14

Output Waste Container ID: 67646

TID Removed: N/A **TID Applied:** LANL 029762

JOE STEPZINSKI — Joseph W Stepzinski — 7-17-2014
VEO 1: Print Name — Signature — Date

Luis Romero — Luis Romero — 7-17-2014
VEO 2: Print Name — Signature — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50140

Output Waste Container ID: 67646

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3=27.7+95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.4
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	0.2
Soils (S):	N/A
Total WMP Weight:	4.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVESS0140 **Output Waste Container ID:** 67646

Section 4 - Prohibited Item(s) Summary (Questions answered YES shall be explained in the comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Content		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67646

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:
JOE STEPZINSKI (Print Name) | Joseph O Stepzinski (Signature) | 7.17.2014 (Date)

Visual Examination Operator 2:
Luis Romero (Print Name) | Luis Romero (Signature) | 7-17-2014 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67647	Waste Stream ID: LA-MHD01.001	
Container Type: 55 GAL POD	TRUCON Code: LA 225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 157.6 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1450 Torque Value: 10 FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60 FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735955 LANL 019626	salts	IN	0.2	E
735955 LANL 019626	metal can, metal lid	IM	~~4.8~~ 7-31-14 4.8	E
735955 LANL 019626	Plastic bags, vinyl tape	PW	0.2	E
	N/A 5-15-14 (JJ)			

James E. Thompson — Signature — 5-15-14
VEO 1: Print Name — Signature — Date

Michael C. Trujillo — Michael C. Trujillo — 5/15/14
VEO 2: Print Name — Signature — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67647

TID Removed: N/A **TID Applied:** LANL 029763

JOE STEPZINSKI — Joseph O Stepzinski — 7-17-2014
VEO 1: Print Name — Signature — Date

Luis Romero — Luis Romero — 7-17-2014
VEO 2: Print Name — Signature — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 6764)

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.8
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	0.2
Soils (S):	N/A
Total WMP Weight:	5.2

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAE550140 **Output Waste Container ID:** 67647

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67647

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: JOE STEPZINSKI (Print Name)	Joseph Stepzinski (Signature)	7.17.2014 (Date)
Visual Examination Operator 2: Luis Romero (Print Name)	Luis Romero (Signature)	7-17-2014 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1 : Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67648	Waste Stream ID: LA-MHD01.001	
Container Type: 55 GAL POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 157.9 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1148 Torque Value: 10 FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60 FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735951 LANL 019622	Ceramics	OI	0.5	E
735951 LANL 019622	metal can, metal lid	Im	4.8	E
735951 LANL 019622	Plastic bags, vinyl tape	PW	0.2	E
	N/A 5-15-14	(S)		

James E. Thompson — VEO 1: Print Name — Signature — 5-15-14 Date
Michael C. Trujillo — VEO 2: Print Name — Michael C. Trujillo Signature — 5/15/14 Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67648 LANL

TID Removed: N/A **TID Applied:** 029764

JOE STEPZINSKI — VEO 1: Print Name — Signature — 7-17-2014 Date
Luis Romero — VEO 2: Print Name — Luis Romero Signature — 7-17-2014 Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 67648

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.8
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	5.5

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67648

Section 4 - Prohibited Item(s) Summary (Questions answered Yes will be explained in the Comments block.)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
Additional Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67648

Section 4. Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments:
N/A

Section 5. Approvals

Visual Examination Operator 1:
JOE STEPZINSKI (Print Name) Joseph O Stepzinski (Signature) 7-17-2014 (Date)

Visual Examination Operator 2:
Luis Romero (Print Name) Luis Romero (Signature) 7-17-2014 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67649	Waste Stream ID: LA-MHD01.001	
Container Type: 55GAL POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 157.2 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1456 Torque Value: 10FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735952 LANL 019623	ceramics	OI	0.5	E
735952 LANL 019623	metal can, metal lid	IM	4.1	E
735952 LANL 019623	Plastic bags, vinyl tape	PW	0.2	E
	N/A JN 5-15-14			

James E. Thompson — VEO 1: Print Name — Signature — 5-15-14 Date
Michael C. Trujillo — VEO 2: Print Name — Signature — 5/15/14 Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67649

TID Removed: N/A **TID Applied:** LANL 029765

JOE STEPZINSKI — VEO 1: Print Name — Signature — 7-17-2014 Date
Luis Romero — VEO 2: Print Name — Signature — 7-17-2014 Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50140

Output Waste Container ID: 67649

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3=27.7+95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.1
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	4.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES5014O **Output Waste Container ID:** 67649

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Items		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: UAVES50140 **Output Waste Container ID:** 67649

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:

Print Name	Signature	Date
JOE STEPZINSKI	Joseph D Stepzinski	7-17-2014

Visual Examination Operator 2:

Print Name	Signature	Date
Luis Romero	Luis Romero	7-17-2014

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data

Input Waste Container ID, as applicable: N/A

Output Waste Container ID: 67650 | Waste Stream ID: LA-MHD01.001

Container Type: 55GALPOL | TRUCON Code: LA225 | Waste Matrix Code: S5400

Audio/Video Media Recording Number: ☒ N/A

Waste Container Weights:
Tare Wt: 152.4 kg. Gross Wt: 158.5 kg.

Rigid Liner Present? ☐ NO ☒ YES
Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other:
Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil

Rigid Liner Lid Present? ☐ NO ☒ YES
Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A
☒ Vented: Hole Size: 0.875 ☐ N/A
☐ Filtered: Model No.: ☒ N/A
Serial No.: ☒ N/A

Bag Liner Present? ☒ NO ☐ YES

Volume Utilization Percentage: 95 %

Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])?
☐ NO ☒ YES

Does the physical form of the waste match the Waste Matrix Code?
☐ NO ☒ YES

Closure Method: TTF
Number of Layers of Confinement: 1

Filter Torque Wrench
Serial/ID No.: 101382
Calibration Due Date: 12-4-2014
Filter: Model No.: NUCFIL-0190S
Serial No.: LM-1695
Torque Value: 10FT/LBS

Lid Ring/Bolt Torque Wrench
Serial/ID No.: 101388
Calibration Due Date: 12-11-2014
Lid Ring/Bolt Torque Value: 60FT/LBS

Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES

NCR(s) associated with the output container? ☒ NO ☐ YES
NCR No.: N/A
NCR No.: N/A

Comments:
N/A

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVESS0140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735953 LANL 019624	ceramics	OI	0.5	E
735953 LANL 019624	metal can, metal lid	IM	5.4	E
735953 LANL 019624	plastic bags, vinyl tape	PW	0.2	E
	N/A 5-15-14			

James E. Thompson — VEO 1: Print Name — Signature — 5-15-14 — Date
Michael C. Trujillo — VEO 2: Print Name — Signature — 5/15/14 — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67650

TID Removed: N/A **TID Applied:** LANL 029766

JOE STEPZINSKI — VEO 1: Print Name — Signature — 7-17-2014 — Date
Luis Romero — VEO 2: Print Name — Signature — 7-17-2014 — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50140

Output Waste Container ID: 67650

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	5.4
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	6.1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67650

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 *percent by volume, whichever is greater?*	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67650

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered YES will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: JOE STEPZINSKI (Print Name)	Joseph O Stepzinski (Signature)	7-17-2014 (Date)
Visual Examination Operator 2: Luis Romero (Print Name)	Luis Romero (Signature)	7-17-2014 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67654	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. drum	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 28.3 kg.	Gross Wt: 81.9 kg.	
Rigid Liner Present? ☑ NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☑ NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A ☐ Vented: Hole Size: ☑ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☐ NO ☑ YES	Volume Utilization Percentage: 100 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-14 Filter: Model No.: NucFil-019DS Serial No.: FN-2074 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 7-17-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,a]	Weighing Code(s) [Table 4b]
741954	Metal cans, lids, metal tools, metal pieces, metal flanges, drill bits	IM	49.1	E
741954	Plastic bottles, plastic vials, plastic pieces, plastic bags, vinyl tape	PW	4.0	E
741954	Cardboard tray Cheesecloth	C	0.4	E
741954	Aluminum foil	AM	0.1	E
	N/A 7-17-14			

N/A
VEO 1: Print Name — N/A Signature — N/A Date

N/A
VEO 2: Print Name — N/A Signature — N/A Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67654

TID Removed: N/A **TID Applied:** LANL023675

N/A
VEO 1: Print Name — N/A Signature — N/A Date

N/A
VEO 2: Print Name — N/A Signature — N/A Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 67654

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.6
Others:	N/A
Total Packaging Weight:	28.3
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	49.1
Aluminum-based Metals/Alloys (AM):	0.1
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	0.4
Rubber (R):	N/A
Plastics (waste materials) (PW):	4.0
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	53.6

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67654

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67654

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	[signature]	7-17-14
Print Name	Signature	Date

Visual Examination Operator 2:

Michael C. Trujillo	[signature]	7/17/14
Print Name	Signature	Date

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE550140 Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☑ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☑ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals	☐ NO	☑ YES	☐ N/A
b. Weight totals	☐ NO	☑ YES	☐ N/A
c. Summed volume of observable liquid, as necessary	☐ NO	☐ YES	☑ N/A
d. The total of the WMP weights is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight.	☐ NO	☑ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☑ YES	☐ N/A
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES	☑ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☑ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	☐ NO	☑ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☑ YES	☐ N/A
13. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☑ YES	☐ N/A

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVES50140 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☑ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☑ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☑ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☑ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☑ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☑ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☐ YES	☑ N/A

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	7-31-14
Printed Name	Signature	Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

[X] Original Record
[ ] Fax Record
[ ] Electronic Record
[ ] Copy

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	09-04-14
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LAVE550140	BDR FOR VE	07-17-14	46
	N/A		

Comments

SPM CHECKLIST COMPLETED IN CARLSBAD THANKS

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

	Signature	Printed Name	Date
Records Accepted [✓]	[signature]	Jaswell Hurralde	9-10-14
Records Rejected [ ]			

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**************************************
***        Send Results            ***
**************************************

   Sending is complete.

Job No.                    0398
Address                    915056678321
Name                       LANL
Start Time                 09/17 08:39 AM
Call Length                00'18
Sheets                     1
Result                     OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	09-04-14
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LAVE550140	BDR FOR VE	07-17-14	46
	N/A		

Comments

SPM CHECKLIST COMPLETED IN CARLSBAD THANKS

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓] Signature: [signature] Printed Name: Jowell Hurralde Date: 9-10-14

Records Rejected [ ] Signature _____ Printed Name _____ Date _____

Reason for Rejection:

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA15-OSR-VE-003				Examination Date(s): 02/10/15
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000067527
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 6/29/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-003				**Examination Date(s): 02/10/15**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-003				**Examination Date(s): 02/10/15**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-003				**Examination Date(s):** 02/10/15
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	tgroover			06\29\15
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA15-OSR-VE-003	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000067527	11	NA
2	NA	12	NA
3	NA	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

IOANA WITKOWSKI (Printed Name) _____ (Signature) 6/17/15 (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 6/18/15

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA15-OSR-VE-003

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	8
6	List of Acceptable Knowledge Documentation Identifier	9
7	List of Sources in Special Form Capsules	26
8	Copy of Radiological Contamination Surveys	31
9	List of Special Form Documentation	NA
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	34

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

VE BDR LA15-OSR-VE-003

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☑Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6.
☐Yes ☐No ☑NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☑Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☑Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☑Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☑Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☑Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☑Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☑Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☑Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☑NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☑Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☑Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☑Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: None	

Independent Technical Review conducted by:

IOANA WITKOWSKI	Ioana Witkowski	6/17/15
VE Independent Technical Reviewer (Printed Name)	(Signature)	(Date)

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record
ad 3/24/15

BDR # LA-15-OSR-VE-003 Page 1 of 3

Container Identifier	LA00000067527
Printed name of VE Packager	Adam Martinez
Printed name of VE Recorder	Michael Fanning

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ✓ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-55 • Drum lid filter manufacture date: 2/02 • POC lid filter model: 619400 • POC lid filter serial number: 025447 • POC lid filter manufacture date: JAN. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☑ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☑ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☑ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☑ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☑ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☑ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☑ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: 55100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 037368 • Calibration due date of torque wrench 09/17/15
6	Closure Ring Torque • Drum ring bolts tightened to 55 ft-lbs • Torque Wrench ID # 037368 • Calibration due date of torque wrench 09/17/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-003 Page 2 of 3

Container Identifier LA0000006 7527

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (if any)
1	241AmBe, SFCII-1-601	OM	6898	NONE
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	

Total estimated weight (kg) for each WMP listed for above items.	6.9 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☒ None ☐ kg	Description: N/A	WMP: N/A
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2 kg		
Total estimated weight (kg) for loaded container.	226.1 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-003 Page 3 of 3

Container Identifier LA000000067527

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☑	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☑	2. Non-radionuclide pyrophoric material.
☐	☑	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☑	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☑	5. Explosives.
☐	☑	6. Compressed gas or potentially pressurized containers.
☐	☑	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☑	8. Wastes exhibiting the characteristic of ignitability.
☐	☑	9. Wastes exhibiting the characteristic of reactivity.
☐	☑	10. Wastes exhibiting the characteristic of corrosivity.
☐	☑	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☑	12. Inadequately blocked or braced sharp or heavy items.
☐	☑	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There are 0 layers of Confinement

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

ADAM MARTINEZ — Printed Name VE Packager | Signature | 2-10-15 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Fanning — Printed Name VE Recorder | Signature | 2-10-15 — Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component		Estimated Component(s) Weight (kg)					
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000067527**

AM7729

Isotope
Source Markings
Markings: AM7729 Al Am241/Be 300 mCi

Activity
Source Markings

AM7731

Isotope
Source Markings
Markings: AM7731 Al Am241/Be 300 mCi

Activity
Source Markings

AM7754

Isotope
Source Markings
Markings: AM7754 Al Am241/Be 300 mCi

Activity
Source Markings

AM8083

Isotope
Source Markings
Markings: AM8083 Al Am241/Be 100 mCi

Activity
Source Markings

AM8213

Isotope
Source Markings
Markings: AM8213 Al Am241/Be 100 mCi

Activity
Source Markings

AM8334

Isotope
Source Markings
Markings: AM8334 Al Am241/Be 100 mCi

Activity
Source Markings

AM8870

Isotope
Source Markings
Markings: AM8870 Al Am241/Be 100 mCi

Activity
Source Markings

AM8904

Isotope
Source Markings
Markings: AM8904 Al Am241/Be 100 mCi

Activity
Source Markings

AM8923	**Isotope** Source Markings Markings: AM8923 Al Am241/Be 100 mCi	**Activity** Source Markings
AM8928	**Isotope** Source Markings Markings: AM8928 Al Am241/Be 100 mCi	**Activity** Source Markings
AM8947	**Isotope** Source Markings Markings: AM8947 Al Am241/Be 100 mCi	**Activity** Source Markings
AM8964	**Isotope** Source Markings Markings: AM8964 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9014	**Isotope** Source Markings Markings: AM9014 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9027	**Isotope** Source Markings Markings: AM9027 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9089	**Isotope** Source Markings Markings: AM9089 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9142	**Isotope** Source Markings Markings: AM9142 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9202	**Isotope** Source Markings Markings: AM9202 Al Am241/Be 100 mCi	**Activity** Source Markings

AM9204

Isotope
Source Markings

Activity
Source Markings

Markings: AM9204 Al Am241/Be 100 mCi

AM9205

Isotope
Source Markings

Activity
Source Markings

Markings: AM9205 Al Am241/Be 100 mCi

AM9230

Isotope
Source Markings

Activity
Source Markings

Markings: AM9230 Al Am241/Be 100 mCi

AM9234

Isotope
Source Markings

Activity
Source Markings

Markings: AM9234 Al Am241/Be 100 mCi

AM9253

Isotope
Source Markings

Activity
Source Markings

Markings: AM9253 Al Am241/Be 100 mCi

AM9254

Isotope
Source Markings

Activity
Source Markings

Markings: AM9254 Al Am241/Be 100 mCi

AM9288

Isotope
Source Markings

Activity
Source Markings

Markings: AM9288 Al Am241/Be 100 mCi

AM9289

Isotope
Source Markings

Activity
Source Markings

Markings: AM9289 Al Am241/Be 100 mCi

AM9308

Isotope
Source Markings

Activity
Source Markings

Markings: AM9308 Al Am241/Be 100 mCi

AM9318	**Isotope** Source Markings Markings: AM9318 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9404	**Isotope** Source Markings Markings: AM9404 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9408	**Isotope** Source Markings Markings: AM9408 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9422	**Isotope** Source Markings Markings: AM9422 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9430	**Isotope** Source Markings Markings: AM9430 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9523	**Isotope** Source Markings Markings: AM9523 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9549	**Isotope** Source Markings Markings: AM9549 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9553	**Isotope** Source Markings Markings: AM9553 Al Am241/Be 100 mCi	**Activity** Source Markings
AM9565	**Isotope** Source Markings Markings: AM9565 Al Am241/Be 100 mCi	**Activity** Source Markings

AM9700

Isotope
Source Markings
Markings: AM9700 Al Am241/Be 100 mCi

Activity
Source Markings

AM9755

Isotope
Source Markings
Markings: AM9755 Al Am241/Be 100 mCi

Activity
Source Markings

CAA10042

Isotope
Source Markings
Markings: CAA10042 Al Am241/Be 40 mCi

Activity
Source Markings

CAA10197

Isotope
Source Markings
Markings: CAA10197 Al Am241/Be 40 mCi

Activity
Source Markings

CAA10232

Isotope
Source Markings
Markings: CAA10232 Al Am241/Be 40 mCi

Activity
Source Markings

CAA10696

Isotope
Source Markings
Markings: CAA10696 Al Am241/Be 40 mCi

Activity
Source Markings

CAA10700

Isotope
Source Markings
Markings: CAA10700 Al Am241/Be 40 mCi

Activity
Source Markings

CAA108

Isotope
Source Markings
Markings: CAA108 TRC LTD Am241/Be 40 mCi

Activity
Source Markings

CAA10823

Isotope
Source Markings
Markings: CAA10823 Al Am241/Be 40 mCi

Activity
Source Markings

CAA10833	**Isotope** Source Markings Markings: CAA10833 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA10877	**Isotope** Source Markings Markings: CAA10877 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA11037	**Isotope** Source Markings Markings: CAA11037 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA11159	**Isotope** Source Markings Markings: CAA11159 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA11233	**Isotope** Source Markings Markings: CAA11233 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA11376	**Isotope** Source Markings Markings: CAA11376 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA11444	**Isotope** Source Markings Markings: CAA11444 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA11560	**Isotope** Source Markings Markings: CAA11560 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA11804	**Isotope** Source Markings Markings: CAA11804 Al Am241/Be 40 mCi	**Activity** Source Markings

CAA11924

Isotope
Source Markings
Markings: CAA11924 Al Am241/Be 40 mCi

Activity
Source Markings

CAA11994

Isotope
Source Markings
Markings: CAA11994 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12317

Isotope
Source Markings
Markings: CAA12317 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12461

Isotope
Source Markings
Markings: CAA12461 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12629

Isotope
Source Markings
Markings: CAA12629 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12632

Isotope
Source Markings
Markings: CAA12632 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12634

Isotope
Source Markings
Markings: CAA12634 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12740

Isotope
Source Markings
Markings: CAA12740 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12756

Isotope
Source Markings
Markings: CAA12756 Al Am241/Be 40 mCi

Activity
Source Markings

CAA12780

Isotope
Source Markings

Activity
Source Markings

Markings: CAA12780 Al Am241/Be 40 mCi

CAA12892

Isotope
Source Markings

Activity
Source Markings

Markings: CAA12892 Al Am241/Be 40 mCi

CAA1293

Isotope
Source Markings

Activity
Source Markings

Markings: CAA1293 TRC Am241/Be 40 mCi 0966NE

CAA1361

Isotope
Source Markings

Activity
Source Markings

Markings: CAA1361 TRC Am241/Be 40 mCi 1034NE

CAA1386

Isotope
Source Markings

Activity
Source Markings

Markings: CAA1386 TRC Am241/Be 40 mCi 1059NE

CAA1751

Isotope
Source Markings

Activity
Source Markings

Markings: CAA1751 TRC Am241/Be 40 mCi 1424NE

CAA2050

Isotope
Source Markings

Activity
Source Markings

Markings: CAA2050 TRC Am241/Be 40 mCi 1723NE

CAA2051

Isotope
Source Markings

Activity
Source Markings

Markings: CAA2051 TRC Am241/Be 40 mCi 1724NE

CAA2059

Isotope
Source Markings

Activity
Source Markings

Markings: CAA2059 TRC Am241/Be 40 mCi 1732NE

CAA2109	Isotope Source Markings	Activity Source Markings
	Markings: CAA2109 TRC Am241/Be 40 mCi	
CAA2246	Isotope Source Markings	Activity Source Markings
	Markings: CAA2246 TRC Am241/Be 40 mCi 1919NE	
CAA2683	Isotope Source Markings	Activity Source Markings
	Markings: CAA2683 TRC Am241/Be 40 mCi 2718NE	
CAA2724	Isotope Source Markings	Activity Source Markings
	Markings: CAA2724 TRC Am241/Be 40 mCi 2759NE	
CAA3231	Isotope Source Markings	Activity Source Markings
	Markings: CAA3231 TRC Am241/Be 40 mCi 3266NE	
CAA3292	Isotope Source Markings	Activity Source Markings
	Markings: CAA3292 TRC Am241/Be 40 mCi 3327NE	
CAA3327	Isotope Source Markings	Activity Source Markings
	Markings: CAA3327 TRC Am241/Be 40 mCi 3362NE	
CAA3421	Isotope Source Markings	Activity Source Markings
	Markings: CAA3421 TRC Am241/Be 40 mCi 3456NE	
CAA3499	Isotope Source Markings	Activity Source Markings
	Markings: CAA3499 TRC Am241/Be 40 mCi 3534NE	

CAA3505	Isotope Source Markings Markings: CAA3505 TRC Am241/Be 40 mCi 3540NE	Activity Source Markings
CAA3528	Isotope Source Markings Markings: CAA3528 TRC Am241/Be 40 mCi 3563NE	Activity Source Markings
CAA3697	Isotope Source Markings Markings: CAA3697 TRC Am241/Be 40 mCi 3732NE	Activity Source Markings
CAA3936	Isotope Source Markings Markings: CAA3936 TRC Am241/Be 40 mCi	Activity Source Markings
CAA4587	Isotope Source Markings Markings: CAA4587 TRC Am241/Be 40 mCi	Activity Source Markings
CAA4898	Isotope Source Markings Markings: CAA4898 TRC Am241/Be 40 mCi	Activity Source Markings
CAA4927	Isotope Source Markings Markings: CAA4927 TRC Am241/Be 40 mCi	Activity Source Markings
CAA4931	Isotope Source Markings Markings: CAA4931 TRC Am241/Be 40 mCi	Activity Source Markings
CAA4982	Isotope Source Markings Markings: CAA4982 Al Am241/Be 40 mCi	Activity Source Markings

CAA5375	Isotope Source Markings Markings: CAA5375 Al Am241/Be 40 mCi	Activity Source Markings
CAA5410	Isotope Source Markings Markings: CAA5410 Al Am241/Be 40 mCi	Activity Source Markings
CAA5414	Isotope Source Markings Markings: CAA5414 Al Am241/Be 40 mCi	Activity Source Markings
CAA5497	Isotope Source Markings Markings: CAA5497 Al Am241/Be 40 mCi	Activity Source Markings
CAA5650	Isotope Source Markings Markings: CAA5650 Al Am241/Be 40 mCi	Activity Source Markings
CAA5849	Isotope Source Markings Markings: CAA5849 Al Am241/Be 40 mCi	Activity Source Markings
CAA5915	Isotope Source Markings Markings: CAA5915 Al Am241/Be 40 mCi	Activity Source Markings
CAA6089	Isotope Source Markings Markings: CAA6089 Al Am241/Be 40 mCi	Activity Source Markings
CAA6127	Isotope Source Markings Markings: CAA6127 Al Am241/Be 40 mCi	Activity Source Markings

CAA6364

Isotope
Source Markings
Markings: CAA6364 Al Am241/Be 40 mCi

Activity
Source Markings

CAA6551

Isotope
Source Markings
Markings: CAA6551 Al Am241/Be 40 mCi

Activity
Source Markings

CAA6625

Isotope
Source Markings
Markings: CAA6625 Al Am241/Be 40 mCi

Activity
Source Markings

CAA6735

Isotope
Source Markings
Markings: CAA6735 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7364

Isotope
Source Markings
Markings: CAA7364 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7366

Isotope
Source Markings
Markings: CAA7366 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7372

Isotope
Source Markings
Markings: CAA7372 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7373

Isotope
Source Markings
Markings: CAA7373 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7470

Isotope
Source Markings
Markings: CAA7470 Al Am241/Be 40 mCi

Activity
Source Markings

CAA7575	Isotope Source Markings Markings: CAA7575 Al Am241/Be 40 mCi	Activity Source Markings
CAA7576	Isotope Source Markings Markings: CAA7576 Al Am241/Be 40 mCi	Activity Source Markings
CAA7616	Isotope Source Markings Markings: CAA7616 Al Am241/Be 40 mCi	Activity Source Markings
CAA7756	Isotope Source Markings Markings: CAA7756 Al Am241/Be 40 mCi	Activity Source Markings
CAA7757	Isotope Source Markings Markings: CAA7757 Al Am241/Be 40 mCi	Activity Source Markings
CAA7783	Isotope Source Markings Markings: CAA7783 Al Am241/Be 40 mCi	Activity Source Markings
CAA7909	Isotope Source Markings Markings: CAA7909 Al Am241/Be 40 mCi	Activity Source Markings
CAA7910	Isotope Source Markings Markings: CAA7910 Al Am241/Be 40 mCi	Activity Source Markings
CAA7974	Isotope Source Markings Markings: CAA7974 Al Am241/Be 40 mCi	Activity Source Markings

CAA8244	**Isotope** Source Markings Markings: CAA8244 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA8392	**Isotope** Source Markings Markings: CAA8392 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA8535	**Isotope** Source Markings Markings: CAA8535 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA8545	**Isotope** Source Markings Markings: CAA8545 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA8548	**Isotope** Source Markings Markings: CAA8548 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA8549	**Isotope** Source Markings Markings: CAA8549 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA858	**Isotope** Source Markings Markings: CAA858 TRC Am241/Be 40 mCi 0242NE	**Activity** Source Markings
CAA8720	**Isotope** Source Markings Markings: CAA8720 Al Am241/Be 40 mCi	**Activity** Source Markings
CAA8869	**Isotope** Source Markings Markings: CAA8869 Al Am241/Be 40 mCi	**Activity** Source Markings

CAA9078

Isotope — **Activity**
Source Markings — Source Markings
Markings: CAA9078 Al Am241/Be 40 mCi

CAA9224

Isotope — **Activity**
Source Markings — Source Markings
Markings: CAA9224 Al Am241/Be 40 mCi

CAA9269

Isotope — **Activity**
Source Markings — Source Markings
Markings: CAA9269 Al Am241/Be 40 mCi

CAA9320

Isotope — **Activity**
Source Markings — Source Markings
Markings: CAA9320 Al Am241/Be 40 mCi

CAA939

Isotope — **Activity**
Source Markings — Source Markings
Markings: CAA939 TRC Am241/Be 40 mCi 0323NE

CAA9783

Isotope — **Activity**
Source Markings — Source Markings
Markings: CAA9783 Al Am241/Be 40 mCi

CAA9784

Isotope — **Activity**
Source Markings — Source Markings
Markings: CAA9784 Al Am241/Be 40 mCi

T1037

Shipping Record

Markings: T1037 MRC AmBe
Record Numbers: 00777

T1187

Shipping Record

Markings: T1187 AmBe
Record Numbers: 00777

T1527	Shipping Record Markings: T1527 AmBe Record Numbers: 00777
T1770	Shipping Record Markings: T1770 MRC AmBe Record Numbers: 00777
T1787	Shipping Record Markings: T1787 MRC AmBe Record Numbers: 00777
T1953	Shipping Record Markings: T1953 MRC AmBe Record Numbers: 00777
T2015	Shipping Record Markings: T2015 MRC AmBe Record Numbers: 00777
T2049	Shipping Record Markings: T2049 MRC AmBe Record Numbers: 00777
T2061	Shipping Record Markings: T2061 MRC AmBe Record Numbers: 00777

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067527					
II-1-601					
	Troxler Electronic Laboratories	AM7729	241Am/Be	0.09	0.30
	Troxler Electronic Laboratories	AM7731	241Am/Be	0.09	0.30
	Troxler Electronic Laboratories	AM7754	241Am/Be	0.09	0.30
	Troxler Electronic Laboratories	AM8083	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8213	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8334	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8870	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8904	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8923	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8928	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8947	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8964	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9014	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9027	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9089	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9142	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9202	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9204	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9205	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9230	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9234	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9253	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9254	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9288	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9289	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9308	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9318	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9404	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9408	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9422	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9430	241Am/Be	0.03	0.10

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	AM9523	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9549	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9553	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9565	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9700	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM9755	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	CAA10042	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10197	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10232	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10696	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10700	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA108	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10823	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10833	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10877	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11037	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11159	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11233	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11376	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11444	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11560	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11804	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11924	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11994	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12317	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12461	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12629	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12632	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12634	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12740	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12756	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12780	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12892	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1293	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1361	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1386	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1751	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2050	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2051	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA2059	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2109	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2246	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2683	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2724	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3231	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3292	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3327	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3421	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3499	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3505	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3528	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3697	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3936	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4587	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4898	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4927	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4931	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4982	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5375	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5410	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5414	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5497	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5650	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5849	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5915	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6089	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6127	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6364	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6551	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6625	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6735	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7364	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7366	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7372	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7373	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7470	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7575	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7576	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA7616	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7756	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7757	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7783	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7909	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7910	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7974	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8244	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8392	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8535	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8545	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8548	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8549	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA858	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8720	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8869	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9078	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9224	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9269	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9320	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA939	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9783	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9784	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1037	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1187	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1527	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1770	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1787	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T1953	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T2015	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T2049	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	T2061	241Am/Be	0.01	0.04
Total Sources in SFCII-1-601 (141 sources)					
Sum				*2.44*	*8.46*
Total Sources in SFCs in LA00000067527 (141 sources)					
Sum				*2.44*	*8.46*
Grand Total				*2.44*	*8.46*

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 2/10/2015 -2/11/2015 No. of Samples: 68

TA: 0 Bldg: 0 Rm: 0

RCT: Anthony Lucero Z Number: 214857

RCT Signature: MS: H915

Phone: 505-665-2912 Fax: 7-5186

INSTRUMENTATION

TYPE		HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA
E-600		12082	7/17/15	N/A	N/A	N/A	N/A
943-10-1	Alpha	13656	4/15/15	36.7	N/A	4.7	16
943-10-1	Beta/Gamma	13656	4/15/15	32.9	N/A	272	100.0
E-600		12413	7/17/15	N/A	N/A	N/A	N/A
SHP 380AB		13798	8/11/15	N/A	N/A	A=8.4, B=2.05	A=45, B=457
SHP 270		13185	4/23/15	N/A	N/A	<0.1	N/A
SNRD		13133	4/8/2015	N/A	N/A	<0.25	N/A

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

■ Non-Routine / Other: North Carolina OSRP TRIP

FIELD SMEAR COUNTER MDA

alpha: 18

beta: 100

SAMPLE TRACKING NUMBER

29147116/29147116

ADDITIONAL INFORMATION

RWP No.: N/A

Work Request No.: N/A Incident No.: N/A

RP-1 REVIEW BY

Mark Boylest

■ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs

Survey Point	Item / Area	Direct Survey Results		Smear Survey Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
2	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
3	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
4	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
5	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
6	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
7	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
8	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
9	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
10	Pre Job 2/10/2015 Troxler, Raleigh NC	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
11	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
12	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
13	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
14	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
15	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-

*dpm/100 cm²

RP-1 RADIOLOGICAL SURVEY FORM

Survey Point	Item / Area	Direct Survey Results		Smear Survey Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (μR/hr)	neutron (mrem/hr)	gamma (μR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
17	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
18	Am-241Be Sources	N/A	N/A	12.5	NDA	N/A	-	-	-	-	-	-
19	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
20	Am-241Be Sources	N/A	N/A	5.1	NDA	N/A	-	-	-	-	-	-
21	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
22	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
23	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
24	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
25	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
26	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
27	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
28	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
29	Am-241Be Sources	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
30	SFC II-1-601	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
31	Interior of Drum	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
32	Drum LA# 67527 w/SFC II-1-601 Top	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
33	Drum LA# 67527 w/SFC II-1-601 Rim	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
34	Drum LA# 67527 w/SFC II-1-601 Side	N/A	N/A	NDA	NDA	N/A	8.3	13	-	-	0.8	1.5
35	Drum LA# 67527 w/SFC II-1-601 Seam	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
36	Drum LA# 67527 w/SFC II-1-601 Bottom	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
37	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
38	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
39	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
40	Post Job Survey of Area	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-

*dpm/100 cm²

Other Information

Drum number LA00000067527 of BDRs LA15-OSR-VE-003 and LA15-OSR-CH-003: one may find serial numbers or identify information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc). This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
6) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.
7) For Monsanto sources supplied to Troxler, the source number has a T prefix (standing for Troxler) but some of the source certificates for these sources do not include the prefix; for example T1187 is listed as 1187 on the source certificate.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000067527	LA-UR-15-23812	M330

DIVIDER PAGE ONLY

Not Part of Page Count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	06-29-15
Telephone Number:	505-234-7012		

Document Number	Title / Description	Record Date	Total Pages
LA15-OSR-VE-003	SPM CHECKLIST FOR OSR VE	06-29-15	4
LA15-OSR-VE-003	BDR FOR OSR VE	02-10-15	36
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

	Signature	Printed Name	Date
Records Accepted [v]	[signature]	Jewell Hurnable	7-13-15
Records Rejected [ ]			

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.                    0976
Address                    915056656753
Name                       TERRI ANN
Start Time                 07/13 01:20 PM
Call Length                00'17
Sheets                     1
Result                     OK
```

Controlled Copy

CCP-QP-008, Rev. 24
CCP Records Management

Effective Date: 02/10/2015
Page 35 of 35

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
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	N/A	Date Sent:	06-29-15
Telephone Number:	505-234-7012		

Document Number	Title / Description	Record Date	Total Pages
LA15-OSR-VE-003	SPM CHECKLIST FOR OSR VE	06-29-15	4
LA15-OSR-VE-003	BDR FOR OSR VE	02-10-15	38
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

	Signature	Printed Name	Date
Records Accepted ☑	[signature]	Jewell Hurnable	7.15.15
Records Rejected ☐			

Reason for Rejection:

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-HERTR-14-0056				Examination Date(s): 08/20/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 66850 69526
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**	X			NCR-LANL-0554-14 (69563)
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 8/26/14

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0056				**Examination Date(s): 08/20/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			Except for 69563
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**	X			Except for 69563
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0056	Examination Date(s): 08/20/2014			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			8/25/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-HERTR-14-0056 ☑ CH ☐ RH Date: 8-20-14

Waste Container ID Numbers	
Replicate Scan:	69563
Independent Observation:	66850
1	66850
2	69526
3	69563
4	N/A
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8-20-14
Printed Name	Signature	Date

Independent Technical Reviewer:

BENITO MAESTAS	B. Maestas	8.21.14
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 8/25/14

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-HERTR-14-0056 Date: 08/20/2014

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	19
6	CCP Independent Technical Reviewer Checklist	22 ~~21~~ TSH 8-21-14

Batch Narrative

All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

Thad Hasselstrom — RTR Operator

Thad Hasselstrom — Signature

8-21-14 / 08/20/2014 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-HERTR-14-0056		
Examination Date: 08/20/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 11 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator: Thad Hasselstrom (Printed Name) / Thad Hasselstrom (Signature) / 08/20/2014 (Date)		

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69563
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ No ☒ Yes NCR No.: NCR-LANL-0554-14 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 144.0 kg Tare Wt.: 33.4 kg Net Wt.: 110.6 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☐ No ☒ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

CCP Radiography Data Sheet

Waste Container ID: 69563

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Metal hardware, vented metal pipes, drill bits, vented metal canister, scrap metal
AM:	
OM:	
OI:	
C:	Coveralls
R:	Rubber gloves
XPM:	Horsetail bags, plastic tubing, plastic container, spray tip
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	50.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	16.0
Rubber (R):	2.0
Plastics (waste materials) (XPM):	8.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	34.6
Soils (S):	
Total WMP Weight:	110.6

CCP Radiography Data Sheet

Waste Container ID: 69563

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[X] Yes [ ] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[X] Yes [ ] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No

Comments: This Replicate Scan agrees with the Original Scan. NCR-LANL-0554-14
This drum contains metal cans with material which may require additional Project Office review.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	66850
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 44.0 kg Tare Wt.: 27.7 kg Net Wt.: 16.3 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	20 %

Waste Container ID: 66850

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R: Leaded rubber gloves
XPM: Horsetail bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	14.3
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	16.3

Waste Container ID: 66850

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Independent Observation agrees with the Original Scan.	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	66850
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 44.0 kg Tare Wt.: 27.7 kg Net Wt.: 16.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	25 %

Waste Container ID: 66850

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R: Leaded rubber gloves
XPM: Plastic sheeting, horse tail bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	~~3.8~~ 12.5 TSH 8-20-14
Plastics (waste materials) (XPM):	~~12.5~~ 3.8 TSH 8-20-14
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	16.3

Waste Container ID: 66850

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69526
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 83.5 kg Tare Wt.: 33.4 kg Net Wt.: 50.1 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 69526

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Vented metal pipes, hardware, ~~drill~~ bits DRILL 7SH 8-21-14
AM:
OM:
OI:
C:
R:
XPM: Utility knife handle, horsetail bags
OR: ~~Homogeneous solids~~ 7SH 8-20-14
IN: HOMOGENEOUS SOLIDS 7SH 8-20-14
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	15.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	6.0
Organic Matrix (OR):	~~20.0~~ 7SH 8-20-14
Inorganic Matrix (IN):	29.0 7SH 8-20-14
Soils (S):	
Total WMP Weight:	50.1

CCP Radiography Data Sheet

Waste Container ID: 69526

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This drum contains metal cans with material, which may require additional Project Office review.	

RTR Operator:		
Thad Hasselstrom	Thad Hasselstrom 8-21-14	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69563
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-0554-14 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 144.0 kg Tare Wt.: 33.4 kg Net Wt.: 110.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

Waste Container ID: 69563

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Hardware, vented metal pipe, hand tools, vented metal canisters
AM:	
OM:	
OI:	
C:	Coveralls
R:	Rubber gloves
XPM:	Horsetail bags, plastic tubing, plastic container
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	45.6
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	4.0
Rubber (R):	1.0
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	50.0
Soils (S):	
Total WMP Weight:	110.6

Waste Container ID: 69563

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[X] Yes [ ] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[X] Yes [ ] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No

Comments: This drum contains metal cans with material, which may require additional Project Office review.
NCR-LANL-0554-14

RTR Operator:

Thad Hasselstrom		8/20/2014
Print Name	Signature	Date

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0554-14 **Revision** 0

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-HERTR-14-0056
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 69563
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☑ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-053, *Standard Real Time Radiography (RTR) Inspection Procedure*, Rev. 14, *Section* 4.4.2 [H] states, in part, "*Using Table 1, Prohibited Items, as a* reference...confirm there are NO prohibited items in the waste container."
Table 1, Prohibited Items lists, in part, "Liquid waste- Observable liquid shall be no more than 1 percent by volume of the outermost container, Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited."

7c. Actual Condition:

Approximately 3L of prohibited liquid in a vented metal pipe.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☑ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Thad Hasselstrom (printed name) [signature] 08/20/2014 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☑ NO ☐ INDETERMINATE

10. Trend Code: K	11. Responsible Manager: Terri-Anne Groover
12. Significant Condition? ☐ YES ☑ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☑ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Aaron Elliott (printed name) [signature] 8-21-14 (date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):
☑ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use
☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

COPY

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☑ N/A for Reject, Rework, or Scrap]

N/A

☑ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

Return container(s) to LANL.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Groover		08-21-14

21. QA Engineer or QA Designee:

printed name	signature	date
Antonio D. Chavarria		8/21/14

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

COPY

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-HERTR-14-0056

	Description			
1.	Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 14	☐ NO	☑ YES	
3.	Are the WMPs entered correctly?	☐ NO	☑ YES	
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☑ YES	
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES	
6.	Has the data been verified for transcription errors?	☐ NO	☐ YES	☑ N/A
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES	
8.	BDR contents are complete and match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES	
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	
11.	All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12.	Was justification made for changing the original data?	☐ NO	☑ YES	☐ N/A
13.	Were data changes made by the individual who originally collected the data?	☐ NO	☑ YES	☐ N/A
14.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES	
15.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES	
16.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	
17.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☑ YES	
18.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-HERTR-14-0056

	Description			
19.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	
20.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☑ YES	
21.	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
22.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
23.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☑ YES	
24.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
25.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
26.	Was the data collection performed by qualified individuals?	☐ NO	☑ YES	
27.	Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☑ YES	☐ N/A
28.	QAOs (precision, accuracy, completeness, representativeness) have been met?	☐ NO	☑ YES	

Comments:

N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

BENITO MACETAS	[signature]	8.21.14
Printed Name	Signature	Date

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Fax Record [ ] Electronic Record [ ] Copy

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BDR FOR NDE HE-RTR	08-20-14	23
LA-HERTR-14-0056	PRIMARY DVD A FOR NDE HE-RTR	08-20-14	N/A
	N/A		

Comments:

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [√] _____ Printed Name _____ Date 9/2/14

Records Rejected [ ] _____ Printed Name _____ Date

Signature

Reason for Rejection:

Re-submittal: _____ Printed Name _____ Date

Signature

****
*** Send Results ***
****

Sending is complete.

Job No.	0162
Address	915056678321
Name	LANL
Start Time	09/02 11:39 AM
Call Length	00'18
Sheets	1
Result	OK

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BDR FOR NDE HE-RTR	08-20-14	23
LA-HERTR-14-0056	PRIMARY DVD A FOR NDE HE-RTR	08-20-14	N/A
	N/A		

Comments

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [✓] _____ Jerrell Thurrable 9/2/14
Signature Printed Name Date

Records Rejected [ ] _____ _____ _____
Signature Printed Name Date

Reason for Rejection:

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BACKUP DVD B FOR HE RTR	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [X] _____ Russell Hurrabie 9-2-14
Signature Printed Name Date

Records Rejected [ ] _____ _____ _____
Signature Printed Name Date

Reason for Rejection:

Re-submittal: _____ _____ _____
Signature Printed Name Date

```
**********************************
***        Send Results        ***
**********************************

Sending is complete.

Job No.          0163
Address          915056678321
Name             LANL
Start Time       09/02 11:37 AM
Call Length      00'18
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BACKUP DVD B FOR HE RTR	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [X] Signature Printed Name Date

Records Rejected [ ] Signature Printed Name Date

Reason for Rejection:

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-HERTR-14-0039				Examination Date(s): 03/21/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 66122, 66124, 68168, 68169, 66130, 66128, 66134, 66135, 66129, 66142, 66127
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**			X	
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 3/31/14

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0039	**Examination Date(s): 03/21/14**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**	X			
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0039	**Examination Date(s): 03/21/14**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Not used
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Not used
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	Ter. A. Groover			3.27.14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-HERTR-14-0039 ☑ CH ☐ RH Date: 03/21/2014

Waste Container ID Numbers	
Replicate Scan:	66128
Independent Observation:	66130
1	66122
2	66124
3	68168
4	68169
5	66130
6	66128
7	66134
8	66135
9	66129
10	66142
11	66127
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Michael Simmons		03/21/2014
Printed Name	Signature	Date

Independent Technical Reviewer:

AARON ELLIOTT		3/24/2014
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 3/25/14

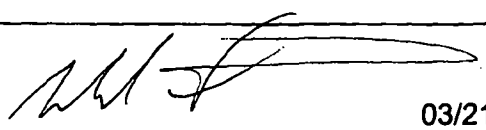
Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-HERTR-14-0039 Date: 03/21/2014

Table Of Contents		
Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	N/A
6	CCP Independent Technical Reviewer Checklist	43

Batch Narrative
All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

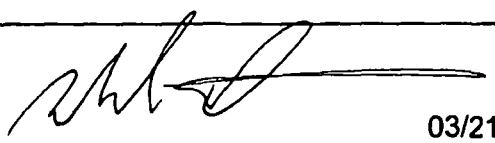
Michael Simmons — RTR Operator



Signature

03/21/2014 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-HERTR-14-0039		
Examination Date: 03/21/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 8 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator: Michael Simmons		03/21/2014
Printed Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66128
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1715.5 kg Tare Wt.: 290.0 kg Net Wt.: 1425.5 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	65 %

Waste Container ID: 66128

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal, metal can
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting, electrical cord
OR:
IN:
S: Soil

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	18.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1397.5
Total WMP Weight:	1425.5

Waste Container ID: 66128

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: The Replicate Scan agrees with the original scan.	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66130
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1516.0 kg Tare Wt.: 290.0 kg Net Wt.: 1226.0 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	65 %

Waste Container ID: 66130

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soil

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1212.0
Total WMP Weight:	1226.0

Waste Container ID: 66130

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: This Independent Observation agrees with the original scan.	

RTR Operator:

Thad Hasselstrom		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66122
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1353.0 kg Tare Wt.: 290.0 kg Net Wt.: 1063.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	50 %

Waste Container ID: 66122

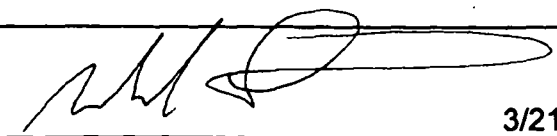
Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal
AM:
OM:
OI:
C: Cardboard
R:
XPM: Plastic sheeting
OR:
IN:
S: Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	25.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	1.0
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1025.0
Total WMP Weight:	1063.0

Waste Container ID: 66122

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66124
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1594.0 kg Tare Wt.: 290.0 kg Net Wt.: 1304.0 kg
Rigid Liner and Liner Vent *Description:*	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	60 %

Waste Container ID: 66124

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal
AM:
OM:
OI:
C: Tape roll
R:
XPM: Plastic sheeting
OR:
IN:
S: Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	9.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	0.2
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1282.8
Total WMP Weight:	1304.0

Waste Container ID: 66124

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	68168
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD04.001
Waste Container Weights:	Gross Wt.: 457.0 kg Tare Wt.: 290.0 kg Net Wt.: 167.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	80 %

Waste Container ID: 68168

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Saw blades, scrap metal, metal hardware, paint scraper
AM:	Respirator filters
OM:	
OI:	
C:	Cardboard, coveralls, wood, tape roll
R:	Rubber gloves
XPM:	Plastic sheeting, plastic bags, flex hose, hand pump
OR:	
IN:	
S:	

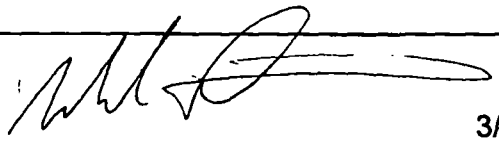
Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	130.0
Aluminum-based Metals / Alloys (AM):	6.0
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	20.0
Rubber (R):	3.0
Plastics (waste materials) (XPM):	8.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	167.0

Waste Container ID: 68168

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: N/A

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	68169
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD04.001
Waste Container Weights:	Gross Wt.: 503.0 kg Tare Wt.: 290.0 kg Net Wt.: 213.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	75 %

Waste Container ID: 68169

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Metal carts, scrap metal, metal pipes, metal hardware
AM:	Respirator filters
OM:	
OI:	
C:	Coveralls, cloth straps, cardboard, tape roll
R:	
XPM:	Plastic sheeting, plastic bags
OR:	
IN:	
S:	

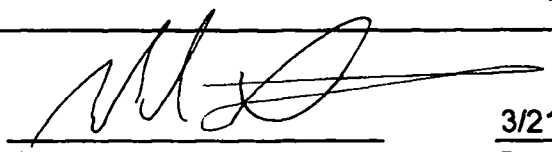
Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	185.0
Aluminum-based Metals / Alloys (AM):	8.0
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	16.0
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	213.0

Waste Container ID: 68169

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: N/A

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66130
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1516.0 kg Tare Wt.: 290.0 kg Net Wt.: 1226.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	50 %

Waste Container ID: 66130

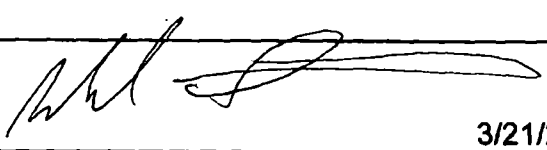
Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	3.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1210.5
Total WMP Weight:	1226.0

Waste Container ID: 66130

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66128
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1715.5 kg Tare Wt.: 290.0 kg Net Wt.: 1425.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	60 %

Waste Container ID: 66128

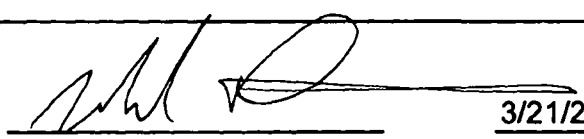
Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Plastic sheeting, electrical cord, plastic container
OR:	
IN:	
S:	Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	14.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	8.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1391.5
Total WMP Weight:	1425.5

Waste Container ID: 66128

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66134
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1442.0 kg Tare Wt.: 290.0 kg Net Wt.: 1152.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	65 %

Waste Container ID: 66134

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Plastic sheeting
OR:	
IN:	
S:	Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	6.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1134.0
Total WMP Weight:	1152.0

Waste Container ID: 66134

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	
RTR Operator: Michael Simmons (Print Name) / (Signature) / 3/21/2014 (Date)	

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66135
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 989.5 kg Tare Wt.: 290.0 kg Net Wt.: 699.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	40 %

Waste Container ID: 66135

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	689.5
Total WMP Weight:	699.5

Waste Container ID: 66135

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66129
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1538.5 kg Tare Wt.: 290.0 kg Net Wt.: 1248.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	70 %

Waste Container ID: 66129

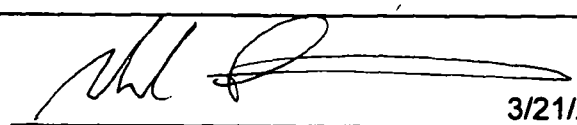
Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Plastic sheeting
OR:	
IN:	
S:	Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	15.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1221.5
Total WMP Weight:	1248.5

Waste Container ID: 66129

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66142
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1651.5 kg Tare Wt.: 290.0 kg Net Wt.: 1361.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	70 %

Waste Container ID: 66142

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1349.5
Total WMP Weight:	1361.5

Waste Container ID: 66142

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No

Comments: On the recording the screen displays the Container ID number as "66412," this should have read, "66142" which is the correct ID number for this container. Both this attachment and the video file name on discs C&D reflect this data.

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0039
Examination Date:	3/21/2014
Waste Container ID:	66127
Video/Audio Recorded Media Number:	LA-HERTR-14-0039 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1713.0 kg Tare Wt.: 290.0 kg Net Wt.: 1423.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	70 %

Waste Container ID: 66127

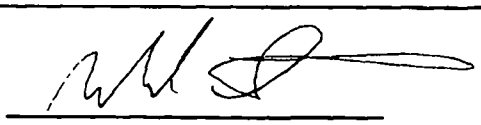
Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Plastic sheeting
OR:	
IN:	
S:	Soils

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	22.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	12.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1389.0
Total WMP Weight:	1423.0

Waste Container ID: 66127

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Michael Simmons		3/21/2014
Print Name	Signature	Date

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-HERTR-14-0039

Description				
1.	Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 14	☐ NO	☑ YES	
3.	Are the WMPs entered correctly?	☐ NO	☑ YES	
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container *gross weight*?	☐ NO	☑ YES	
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES	
6.	Has the data been verified for transcription errors?	☐ NO	☐ YES	☑ N/A
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES	
8.	BDR contents are complete and match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES	
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	
11.	All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES	☑ N/A
12.	Was justification made for changing the original data?	☐ NO	☐ YES	☑ N/A
13.	Were data changes made by the individual who originally collected the data?	☐ NO	☐ YES	☑ N/A
14.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES	
15.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES	
16.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	
17.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☑ YES	
18.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-HERTR-14-0039

	Description			
19.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	
20.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☑ YES	
21.	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
22.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
23.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☑ YES	
24.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
25.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
26.	Was the data collection performed by qualified individuals?	☐ NO	☑ YES	
27.	Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☐ YES	☑ N/A
28.	QAOs (precision, accuracy, completeness, representativeness) have been met?	☐ NO	☑ YES	

Comments:
N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

AARON ELLIOTT
Printed Name

Signature

3/24/2014
Date

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	505-412-4820
	N/A	Date Sent:	03-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0039	BACKUP DVD B FOR NDE HE RTR	03-21-14	N/A
LA-HERTR-14-0039	BACKUP DVD D FOR NDE HE RTR	03-21-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Leon Navarrete (Printed Name)	3/31/14 (Date)
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

  Sending is complete.

Job No.                    2643
Address                    915056291658
Name                       LANL
Start Time                 03/31 01:59 PM
Call Length                00'17
Sheets                     1
Result                     OK
```

Controlled Copy

CCP-QP-008, Rev. 22 **Effective Date: 03/24/2014**
CCP Records Management **Page 34 of 34**

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	505-412-4820
	N/A	Date Sent:	03-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0039	BACKUP DVD B FOR NDE HE RTR	03-21-14	N/A
LA-HERTR-14-0039	BACKUP DVD D FOR NDE HE RTR	03-21-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Leon Navarrete (Printed Name)	3/31/14 (Date)
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

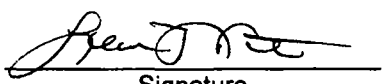
Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	505-412-4820
	N/A	Date Sent:	04-02-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0039	SPM CHECKLIST FOR NDE HE RTR	03-27-14	3
LA-HERTR-14-0039	BDR FOR NDE HE RTR	03-21-14	44
LA-HERTR-14-0039	PRIMARY DVD A FOR NDE HE RTR	03-21-14	N/A
LA-HERTR-14-0039	PRIMARY DVD C FOR NDE HE RTR	03-21-14	N/A
	N/A		

Comments

RECEIVED RECEIPT ACKNOWLEDGEMENT FOR BACKUP DVDS

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [x]	 Signature	Leon Navarrete Printed Name	4/7/14 Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

****
*** Send Results ***
****

Sending is complete.

Job No.	2792
Address	915056291658
Name	LANL
Start Time	04/07 02:23 PM
Call Length	00'18
Sheets	1
Result	OK

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	505-412-4820
	N/A	Date Sent:	04-02-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0039	SPM CHECKLIST FOR NDE HE RTR	03-27-14	3
LA-HERTR-14-0039	BDR FOR NDE HE RTR	03-21-14	44
LA-HERTR-14-0039	PRIMARY DVD A FOR NDE HE RTR	03-21-14	N/A
LA-HERTR-14-0039	PRIMARY DVD C FOR NDE HE RTR	03-21-14	N/A
	N/A		

Comments

RECEIVED RECEIPT ACKNOWLEDGEMENT FOR BACKUP DVDS

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [x]	Signature	Leon Navarrete Printed Name	4/7/14 Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-HERTR-14-0038 **Examination Date(s):** 3/20/2014

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: SB10193 68141 SB10192 68292 54893 66141 66132 66131 66125
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**			X	
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 3/24/14 (2)

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0038 **Examination Date(s):** 3/20/2014

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**	X			
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0038 **Examination Date(s):** 3/20/2014

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Weight obtained independent of RTR
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Weight obtained independent of RTR

Comments: None

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Joshua Houghton		3-25-14
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-HERTR-14-0038 ☑ CH ☐ RH Date: 3-20-14

Waste Container ID Numbers	
Replicate Scan:	SB10192
Independent Observation:	68141
1	SB10193
2	68141
3	SB10192
4	68292
5	54893
6	66141
7	66132
8	66131
9	66125
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3-20-14
Printed Name	Signature	Date

Independent Technical Reviewer:

Dantagnan Jackson	Dantagnan Jackson	3-21-14
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 3/24/14

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-HERTR-14-0038 Date: 03/20/2014

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	N/A
6	CCP Independent Technical Reviewer Checklist	37

Batch Narrative

All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

Thad Hasselstrom — RTR Operator
Thad Hasselstrom — Signature
03/20/2014 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-HERTR-14-0038		
Examination Date: 03/20/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 11 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Thad Hasselstrom	Thad Hasselstrom	03/20/2014
Printed Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	SB10192
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 703.0 kg Tare Wt.: 290.0 kg Net Wt.: 413.0 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	85 %

Waste Container ID: SB10192

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Scrap metal, Open 55 gallon degraded drum, metal lids, metal hardware, hand tool
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Plastic sheeting, ear muffs, secondary containment pallet
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	28.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	23.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	15.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	347.0
Soils (S):	
Total WMP Weight:	413.0

CCP Radiography Data Sheet

Waste Container ID: SB10192

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: This Replicate scan agrees with the original scan.	

RTR Operator:		
Eddie Rios	Eddie Rios	3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[ ] RTR Examination [ ] RTR Replicate Scan [X] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	68141
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD04.001
Waste Container Weights:	Gross Wt.: 487.5 kg Tare Wt.: 290.0 kg Net Wt.: 197.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	100 %

Waste Container ID: 68141

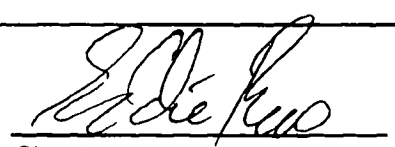
Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Aerosol cans punctured, hand tools, metal hardware, metal cans, metal pipe, scrap metal
AM:	Respirator filters
OM:	
OI:	
C:	Coveralls, tape rolls, wood
R:	Leaded rubber gloves
XPM:	Flex hose, plastic sheeting, plastic bag
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	17.0
Aluminum-based Metals / Alloys (AM):	12.0
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	56.0
Rubber (R):	30.0
Plastics (waste materials) (XPM):	82.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	197.5

Waste Container ID: 68141

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Independent Observation agrees with the original scan.	

RTR Operator:

Eddie Rios		3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	SB10193
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 687.5 kg Tare Wt.: 290.0 kg Net Wt.: 397.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	80 %

Waste Container ID: SB10193

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Closure ring, open 85 gallon drum, open 55 gallon drum, drum lid
AM:	
OM:	Scrap lead
OI:	
C:	
R:	
XPM:	Drum liner, plastic sheeting, poly pallet
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	60.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	23.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	304.5
Soils (S):	
Total WMP Weight:	397.5

Waste Container ID: SB10193

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	68141
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD04.001
Waste Container Weights:	Gross Wt.: 487.5 kg Tare Wt.: 290.0 kg Net Wt.: 197.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	100 %

Waste Container ID: 68141

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Aerosol cans punctured, hardware, hand tools, metal cans, pipes, scrap metal
AM:	Respirator filters
OM:	
OI:	
C:	Coveralls, tape rolls, wood
R:	Leaded rubber gloves, rubber gloves
XPM:	Flex hose, plastic sheeting, plastic bags
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	20.0
Aluminum-based Metals / Alloys (AM):	10.0
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	60.0
Rubber (R):	32.5
Plastics (waste materials) (XPM):	75.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	197.5

Waste Container ID: 68141

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	SB10192
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 703.0 kg Tare Wt.: 290.0 kg Net Wt.: 413.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	80 %

Waste Container ID: SB10192

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Open 55 gallon drum, drum lid, closure ring, scrap metal, hand tools
AM:	
OM:	Scrap lead
OI:	
C:	
R:	Respirator
XPM:	Plastic sheeting, poly pallet
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	30.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	23.0
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	1.0
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	349.0
Soils (S):	
Total WMP Weight:	413.0

Waste Container ID: SB10192

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Thad Hasselstrom		3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	68292
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD04.001
Waste Container Weights:	Gross Wt.: 552.0 kg Tare Wt.: 290.0 kg Net Wt.: 262.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	100 %

Waste Container ID: 68292

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Equipment dollies, scrap metal, open 20 gal drum, open 55 gal drum, hand tools, drum lids, hardware HEPA filter, chain fall, closure ring, pipe
AM:	Respirator filters
OM:	
OI:	
C:	Cardboard, coveralls, tape rolls, cardboard tubes
R:	Rubber gloves
XPM:	Plastic containers, eletrical cord, plastic bags, open 5 gal buckets, flashlights, plastic handle
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	122.5
Aluminum-based Metals / Alloys (AM):	1.5
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	50.0
Rubber (R):	3.0
Plastics (waste materials) (XPM):	75.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	10.0
Soils (S):	
Total WMP Weight:	262.0

Waste Container ID: 68292

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	54893
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA226
Waste Matrix Code:	S3150
Waste Stream I.D.:	LA-CIN01.001
Waste Container Weights:	Gross Wt.: 243.5 kg Tare Wt.: 50.7 kg Net Wt.: 192.8 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [ ] No [X] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	90 %

Waste Container ID: 54893

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal cans with material
AM:
OM:
OI:
C:
R:
XPM: Plastic bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other: Lead Lined (LP)	23.0
Total Packaging Weight	50.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	15.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	175.8
Soils (S):	
Total WMP Weight:	192.8

Waste Container ID: 54893

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	66141
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 E&F
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1489.5 kg Tare Wt.: 290.0 kg Net Wt.: 1199.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	75 %

Waste Container ID: 66141

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Wire
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soil

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	5.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1194.4
Total WMP Weight:	1199.5

Waste Container ID: 66141

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:		
Thad Hasselstrom	Thad Hasselstrom	3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	66132
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 E&F
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1676.5 kg Tare Wt.: 290.0 kg Net Wt.: 1386.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	65 %

Waste Container ID: 66132

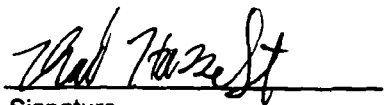
Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soil

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	5.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1381.4
Total WMP Weight:	1386.5

Waste Container ID: 66132

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Thad Hasselstrom		3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	66131
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 E&F
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1579.5 kg Tare Wt.: 290.0 kg Net Wt.: 1289.5 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	65 %

Waste Container ID: 66131

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soil

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	5.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1284.5
Total WMP Weight:	1289.5

Waste Container ID: 66131

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0038
Examination Date:	3/20/2014
Waste Container ID:	66125
Video/Audio Recorded Media Number:	LA-HERTR-14-0038 E&F
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	Standard Waste Box
TRUCON Code:	LA211
Waste Matrix Code:	S4200
Waste Stream I.D.:	LA-MSG04.001
Waste Container Weights:	Gross Wt.: 1629.0 kg Tare Wt.: 290.0 kg Net Wt.: 1339.0 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	70 %

Waste Container ID: 66125

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Scrap metal
AM:
OM:
OI:
C:
R:
XPM: Plastic sheeting
OR:
IN:
S: Soil

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	290.0
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	290.0
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	5.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	1333.5
Total WMP Weight:	1339.0

Waste Container ID: 66125

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	3/20/2014
Print Name	Signature	Date

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-HERTR-14-0038

Description				
1.	Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☒ YES	
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 ,Rev.: 14	☐ NO	☒ YES	
3.	Are the WMPs entered correctly?	☐ NO	☒ YES	
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☒ YES	
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☒ YES	
6.	Has the data been verified for transcription errors?	☐ NO	☐ YES	☒ N/A
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☒ YES	
8.	BDR contents are complete and match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☒ YES	
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☒ YES	
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☒ YES	
11.	All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES	☒ N/A
12.	Was justification made for changing the original data?	☐ NO	☐ YES	☒ N/A
13.	Were data changes made by the individual who originally collected the data?	☐ NO	☐ YES	☒ N/A
14.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☒ YES	
15.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☒ YES	
16.	Is there an adequate written description of the contents of each item?	☐ NO	☒ YES	
17	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☒ YES	
18	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☒ YES	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-HERTR-14-0038

Description				
19.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☒ YES	
20.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☒ YES	
21	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☒ YES	
22.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☒ YES	
23.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☒ YES	
24.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☒ YES	
25.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☒ YES	
26.	Was the data collection performed by qualified individuals?	☐ NO	☒ YES	
27.	Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☐ YES	☒ N/A
28.	QAOs (precision, accuracy, completeness, representativeness) have been met?	☐ NO	☒ YES	

Comments: N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Dartagnan Jackson — Printed Name

Dartagnan Jackson — Signature

3-21-14 — Date

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	YOLANDA VALDEZ
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	(505)412-4821
	N/A	Date Sent:	03/24/14
Telephone Number:	(575) 234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0038	HE RTR BACK UP DVD B	03/19/14	N/A
LA-HERTR-14-0038	HE RTR BACK UP DVD D	03/20/14	N/A
LA-HERTR-14-0038	HE RTR BACK UP DVD F	03/20/14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [X]	Signature	Leon Navarrete Printed Name	3/31/14 Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:	Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.                    2642
Address                    915056291658
Name                       LANL
Start Time                 03/31 01:58 PM
Call Length                00'17
Sheets                     1
Result                     OK
```

Controlled Copy

CCP-QP-008, Rev. 21 **Effective Date: 02/28/2013**
CCP Records Management **Page 35 of 35**

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	YOLANDA VALDEZ
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	(505)412-4821
	N/A	Date Sent:	03/24/14
Telephone Number:	(575) 234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0038	HE RTR BACK UP DVD B	03/19/14	N/A
LA-HERTR-14-0038	HE RTR BACK UP DVD D	03/20/14	N/A
LA-HERTR-14-0038	HE RTR BACK UP DVD F	03/20/14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted	[X]	Signature	Leon Navarrete (Printed Name)	3/31/14 (Date)
Records Rejected	[ ]	Signature	Printed Name	Date

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	505-412-4820
	N/A	Date Sent:	04-02-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0038	BDR FOR NDE HE RTR	03-20-14	38
LA-HERTR-14-0038	PRIMARY DVD A FOR NDE HE RTR	03-20-14	N/A
LA-HERTR-14-0038	PRIMARY DVD C FOR NDE HE RTR	03-20-14	N/A
LA-HERTR-14-0038	PRIMARY DVD E FOR NDE HE RTR	03-20-14	N/A
	N/A		

Comments

RECEIVED RECEIPT ACKNOWLEDGEMENT FOR BACKUP DVDS AND SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Leon Navarrete (Printed Name)	4/7/14 (Date)
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:	Signature	Printed Name	Date

```
**************************************
***        Send Results            ***
**************************************

        Sending is complete.

Job No.                    2791
Address                    915056291658
Name                       LANL
Start Time                 04/07 02:22 PM
Call Length                00'18
Sheets                     1
Result                     OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	SM STOLLER
	GSA-212	Telephone Number:	505-412-4820
	N/A	Date Sent:	04-02-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0038	BDR FOR NDE HE RTR	03-20-14	38
LA-HERTR-14-0038	PRIMARY DVD A FOR NDE HE RTR	03-20-14	N/A
LA-HERTR-14-0038	PRIMARY DVD C FOR NDE HE RTR	03-20-14	N/A
LA-HERTR-14-0038	PRIMARY DVD E FOR NDE HE RTR	03-20-14	N/A
	N/A		

Comments

RECEIVED RECEIPT ACKNOWLEDGEMENT FOR BACKUP DVDS AND SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Leon Navarrete (Printed Name)	4/7/14 (Date)
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Attachment 13 - CCP Waste Stream Characterization Checklist

AK30

Site(s): LANL

Waste Stream Number: LA-MHD01.001 (CCP-AK-LANL-006) Lot # (if applicable) 451

Waste Stream Description: Heterogeneous Debris

Acceptable Knowledge Information or other data points[a]	Characterization Method(s)	Acceptable Knowledge Re-evaluation Required? Yes/No[b]?	Comments[c]
Physical waste form/description	RTR	No	RTR Data Sheets indicate consistency with Attachment 6 of CCP-TP-005.
Waste material parameters weights	RTR	No	RTR Data Sheets indicate consistency with the Waste Material Parameter table as listed in the AK. See additional attached sheets.
Waste percent volume consistent with nondestructive examination or visual examination data and audio/video tapes or equivalent media	RTR	No	RTR Data Sheets indicate consistency with CCP-AK-LANL-006. See additional attached sheets.
Summary category group assignment	RTR	No	RTR Data Sheets are consistent with CCP-TP-005, Attachment 6.
Waste matrix code assignment	RTR	No	Waste Matrix Code S5400 is consistent with data from RTR data sheets.
Absence of prohibited items	RTR	No	RTR did not identify any prohibited items.
EPA Hazardous Waste Number assignment [d]	AK	No	Characterization results consistent with CCP-AK-LANL-006.
Toxicity characteristic code assignment	AK	No	Consistent with CCP-AK-LANL-006.
VOCs from packaging materials or radiolysis present	AK	No	CCP-TP-005 Attachment 5 does not identify any VOCs associated with packaging or radiolysis.
State Hazardous Waste Number assignment	AK	No	No additional State Hazardous Waste codes are identified in CCP-TP-005, Attachment 5.
Radionuclides present	NDA	No	See Additional Comments section and additional sheets attached.
Other radiological parameters: (specify)	NDA	No	No additional radiological parameters identified.

NTPC RECORDS ORIGINAL
DATE REC'D 5/19/14 SN

Attachment 13 - CCP Waste Stream Characterization Checklist

Site(s): LANL
Waste Stream Number: LA-MHD01.001 (CCP-AK-LANL-006) Lot # (if applicable) 451
Waste Stream Description: Heterogeneous Debris

Additional Comments:

- For this waste stream, AK identifies the two most prevalent isotopes, by weight, to be: Pu-239 at 67.43% and U-238 at 24.13%.
- The two most prevalent isotopes by weight percent for the lot are: 93.6% PU-239 and 5.98% PU-240.
- For the waste stream to date, the two most prevalent isotopes by weight percent are: 70.59% PU-239 and 21.96% U-238.

a. Identified in the AK Summary Report or included in the in-process record documentation (e.g., BDR's).
b. If 'Yes,' AK Expert completes an Acceptable Knowledge Re-evaluation Checklist.
c. Identify the source of the waste characterization information (e.g., batch data report).
d. Ensure that, if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and if analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Code is applied.

Site Project Manager:

Rick Whiteley		4/23/2014
Print	Sign	Date

Acceptable Knowledge Expert:

Michael Papp		4/23/14
Print	Sign	Date

NDA Isotopic Weight Percent
LA-MHD01.001
Lot 451

CONTAINERID	NDABDR	SR-90	CS-137	U-233	U-234	U-235	U-238	NP-237	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241	CM-243
69400	1LANDA1932								5.07E-05	5.23E-01	3.34E-02	6.26E-04	1.12E-04	1.58E-03	3.47E-08
									5.07E-05	5.23E-01	3.34E-02	6.26E-04	1.12E-04	1.58E-03	3.47E-08
Total Mass	0.558768735														
									< 0.01 %	93.60 %	5.98 %	0.11 %	0.02 %	0.28 %	< 0.01 %

Individual Container Weight Percents

CONTAINERID	NDABDR	SR-90	CS-137	U-233	U-234	U-235	U-238	NP-237	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241	CM-243
69400	1LANDA1932								0.01 %	93.60 %	5.98 %	0.11 %	0.02 %	0.28 %	0.00 %

Supporting Documentation

NDA Isotopic Weight Percent Rollup
LA-MHD01.001
Lots 1 Thru 451

		NA-22	CO-60	SR-90	CS-137	BA-133	EU-152	EU-154	TL-208	PB-212	BI-214	AC-228	AC-227	PA-231	U-238	U-234	U-232	U-233
		8.10E-10	3.16E-07	1.57E+00	1.04E+00	2.93E-02	1.33E-07	2.24E-08	7.97E-14	7.02E-12	1.49E-11	1.06E-10	4.31E-02	2.65E-01	1.96E+05	1.82E+03	2.84E+00	1.53E+02
		8.10E-10	3.16E-07	1.57E+00	1.04E+00	2.93E-02	1.33E-07	2.24E-08	7.97E-14	7.02E-12	1.49E-11	1.06E-10	4.31E-02	2.65E-01	1.96E+05	1.82E+03	2.84E+00	1.53E+02
Total Mass	8.94E+05																	
		< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	21.96 %	0.20 %	< 0.01 %	0.02 %

NDA Isotopic Weight Percent Rollup
LA-MHD01.001
Lots 1 Thru 451

		U-235	NP-237	PU-240	PU-239	PU-241	PU-238	PU-242	AM-241	AM-243	CM-247	CM-242	CM-244	CM-243	CM-245	BK-249	CF-249
		4.07E+03	6.61E+02	4.66E+04	6.31E+05	9.84E+02	4.43E+03	3.20E+03	4.70E+03	7.57E+00	2.91E-03	2.67E-04	7.46E-01	2.61E-03	2.34E-02		3.38E-04
		4.07E+03	6.61E+02	4.66E+04	6.31E+05	9.84E+02	4.43E+03	3.20E+03	4.70E+03	7.57E+00	2.91E-03	2.67E-04	7.46E-01	2.61E-03	2.34E-02		3.38E-04
Total Mass	8.94E+05																
		0.46 %	0.07 %	5.21 %	70.59 %	0.11 %	0.50 %	0.36 %	0.53 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %	< 0.01 %		< 0.01 %

Supporting Documentation

RTR Data
LA-MHD01.001
Lot 451

Batch Data Report No.	Container	Cellulosics (kg)	Plastics (kg)	Rubber (kg)	Organic Matrix (kg)	Inorganic Matrix (kg)	Iron-based Metals (kg)	Aluminum-based Metals (kg)	Other Metals (kg)	Other Inorganics (kg)	Soils/Gravel (kg)	Total Organic (kg)	Total Inorganic (kg)	Total Waste Weight (kg)
LA-HERTR-14-0048	69400	0.1	6			0.5			35			6.1	35.5	41.6

RTR Data
LA-MHD01.001
Lot 451

Batch Data Report No.	Container	Cellulosics Weight %	Plastics Weight %	Rubber Weight %	Organic Matrix Weight %	Inorganic Matrix Weight %	Iron-based Metals Weight %	Aluminum-based Metals Weight %	Other Metals Weight %	Other Inorganics Weight %	Soils/gravel Weight %
LA-HERTR-14-0048	69400	.24 %	14.42 %	.00 %	.00 %	1.20 %	.00 %	.00 %	84.13 %	.00 %	.00 %

Total Lot Weight %								
Cellulosics Weight %	Plastics Weight %	Rubber Weight %	Organic Matrix Weight %	Inorganic Matrix Weight %	Iron-based Metals Weight %	Aluminum-based Metals Weight %	Other Metals Weight %	Other Inorganics Weight %
.24 %	14.42 %	.00 %	.00 %	1.20 %	.00 %	.00 %	84.13 %	.00 %

Total Lot % Volume	
Organic	Inorganic
46.04 %	53.96 %

Supporting Documentation

NDE Density Rollup Data Through Lot: 451
LA-MHD01.001

Waste Stream Waste Material Parameter Weight Percent

Cellulosics	Plastics	Rubber	Organic Matrix	Inorganic Matrix	Iron-based Metals	Aluminum-based Metals	Other Metals	Other Inorganics	Soils/Gravel
12.23 %	7.66 %	1.86 %	0.17 %	9.98 %	59.86 %	1.06 %	3.20 %	3.99 %	0.00 %

DIVIDER PAGE

Attachment 13 - CCP Waste Stream Characterization Checklist

Site(s): LANL

Waste Stream Number: LA-MSG04.001 (CCP-AK-LANL-010) Lot # (if applicable) 3

Waste Stream Description: Soils

Acceptable Knowledge Information or other data points[a]	Characterization Method(s)	Acceptable Knowledge Re-evaluation Required? Yes/No[b]?	Comments[c]
Physical waste form/description	RTR	No	RTR Data Sheets indicate consistency with Attachment 6 of CCP-TP-005.
Waste material parameters weights	RTR	No	RTR Data Sheets indicate consistency with the Waste Material Parameter table as listed in the AK. See additional attached sheets.
Waste percent volume consistent with nondestructive examination or visual examination data and audio/video tapes or equivalent media	RTR	No	RTR Data Sheets indicate consistency with CCP-AK-LANL-010. See additional attached sheets.
Summary category group assignment	RTR	No	RTR Data Sheets are consistent with CCP-TP-005, Attachment 6.
Waste matrix code assignment	RTR	No	Waste Matrix Code S4200 is consistent with data from RTR data sheets.
Absence of prohibited items	RTR	No	RTR did not identify any prohibited items.
EPA Hazardous Waste Number assignment [d]	AK	No	Characterization results consistent with CCP-AK-LANL-010.
Toxicity characteristic code assignment	AK	No	Consistent with CCP-AK-LANL-010.
VOCs from packaging materials or radiolysis present	AK	No	CCP-TP-005 Attachment 5 does not identify any VOCs associated with packaging or radiolysis.
State Hazardous Waste Number assignment	AK	No	No additional State Hazardous Waste codes are identified in CCP-TP-005, Attachment 5.
Radionuclides present	NDA	No	See Additional Comments section and additional sheets attached.
Other radiological parameters: (specify)	NDA	No	No additional radiological parameters identified.

NTPC RECORDS ORIGINAL
DATE REC'D 5/16/14 JV

Attachment 13 - CCP Waste Stream Characterization Checklist

Site(s): LANL
Waste Stream Number: LA-MSG04.001 (CCP-AK-LANL-010) Lot # (if applicable) 3
Waste Stream Description: Soils

Additional Comments:

- AK identifies U-238 and Pu-239 as the two most prevalent isotopes, by weight, in the waste stream at 87.71% and 8.38% respectively.
- The two most prevalent isotopes by weight percent for the lot are: 93.49% PU-239 and 5.78% PU-240
- For the waste stream to date, the two most prevalent isotopes by weight percent are: 93.52% PU-239 and 3.15% AM-241
- The radiological distribution present by NDA data to date is not necessarily an indication of an incorrect radiological characterization due to the small population size of containers characterized. Consequently, an assessment as to whether an AK re-evaluation is necessary will be postponed until there are sufficient NDA assay data to be reasonably certain they are representative of the waste stream.

a. Identified in the AK Summary Report or included in the in-process record documentation (e.g., BDR's).
b. If 'Yes,' AK Expert completes an Acceptable Knowledge Re-evaluation Checklist.
c. Identify the source of the waste characterization information (e.g., batch data report).
d. Ensure that, if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and if analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Code is applied.

Site Project Manager:

Rick Whiteley		2/3/2014
Print	Sign	Date

Acceptable Knowledge Expert:

Michael Papp		2/4/14
Print	Sign	Date

NDA Isotopic Weight Percent
LA-MSG04.001
Lot 3

CONTAINERID	NDABDR	SR-90	CS-137	U-233	U-234	U-235	U-238	NP-237	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241	AM-243
56537	1LANDA1836													5.12E-03	
66147	3LANDA0239							4.32E-03	9.03E-04	2.62E+00	1.62E-01	8.65E-04	6.60E-04	8.37E-03	1.30E-04
								4.32E-03	9.03E-04	2.62E+00	1.62E-01	8.65E-04	6.60E-04	1.35E-02	1.30E-04
Total Mass	2.802368														
								0.15 %	0.03 %	93.49 %	5.78 %	0.03 %	0.02 %	0.48 %	< 0.01 %

Individual Container Weight Percents

CONTAINERID	NDABDR	SR-90	CS-137	U-233	U-234	U-235	U-238	NP-237	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241	AM-243
56537	1LANDA1836													100.00 %	
66147	3LANDA0239							0.15 %	0.03 %	93.66 %	5.79 %	0.03 %	0.02 %	0.30 %	0.00 %

Supporting Documentation

NDA Isotopic Weight Percent Rollup
LA-MSG04.001
Lots 1 Thru 3

		SR-90	CS-137	U-233	U-234	U-235	U-238	NP-237	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241	AM-243
		1.54E-09	2.42E-09					1.35E-02	9.03E-04	4.99E+00	1.62E-01	8.65E-04	6.60E-04	1.68E-01	1.30E-04
		1.54E-09	2.42E-09					1.35E-02	9.03E-04	4.99E+00	1.62E-01	8.65E-04	6.60E-04	1.68E-01	1.30E-04
Total Mass	5.34E+00														
		< 0.01 %	< 0.01 %					0.25 %	0.02 %	93.52 %	3.03 %	0.02 %	0.01 %	3.15 %	< 0.01 %

Supporting Documentation

RTR Data
LA-MSG04.001
Lot 3

Batch Data Report No.	Container	Cellulosics (kg)	Plastics (kg)	Rubber (kg)	Organic Matrix (kg)	Inorganic Matrix (kg)	Iron-based Metals (kg)	Aluminum-based Metals (kg)	Other Metals (kg)	Other Inorganics (kg)	Soils/Gravel (kg)	Total Organic (kg)	Total Inorganic (kg)	Total Waste Weight (kg)
LA-HERTR-12-0111	56537		2.5							6	113.8	2.5	119.8	122.3
LA-HERTR-12-0109	66147		5								1369.5	5	1369.5	1374.5

RTR Data
LA-MSG04.001
Lot 3

Batch Data Report No.	Container	Cellulosics Weight %	Plastics Weight %	Rubber Weight %	Organic Matrix Weight %	Inorganic Matrix Weight %	Iron-based Metals Weight %	Aluminum-based Metals Weight %	Other Metals Weight %	Other Inorganics Weight %	Soils/gravel Weight %
LA-HERTR-12-0111	56537	.00 %	2.04 %	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	4.91 %	93.05 %
LA-HERTR-12-0109	66147	.00 %	.36 %	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	99.64 %

Lot	3	Waste Stream Waste Material Parameter Weight Percent Lot Total							
Cellulosics	Plastics	Rubber	Organic Matrix	Inorganic Matrix	Iron-based Metals	Aluminum-based Metals	Other Metals	Other Inorganics	Soils/gravel
.00 %	.50 %	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	.40 %	99.10 %

NDE Density Rollup Data Through Lot: 3
LA-MSG04.001

Waste Stream Waste Material Parameter Weight Percent

Cellulosics	Plastics	Rubber	Organic Matrix	Inorganic Matrix	Iron-based Metals	Aluminum-based Metals	Other Metals	Other Inorganics	Soils/Gravel
0.00 %	0.61 %	0.00 %	0.00 %	0.00 %	1.41 %	0.00 %	0.00 %	0.29 %	97.69 %

DIVIDER

PAGE

Attachment 13 - CCP Waste Stream Characterization Checklist

Site(s): LANL
Waste Stream Number: LA-OS-00-01.001 (CCP-AK-LANL-008) Lot # (if applicable) 85
Waste Stream Description: Uncategorized Metal - Defense Sealed Sources

Acceptable Knowledge Information or other data points[a]	Characterization Method(s)	Acceptable Knowledge Re-evaluation Required? Yes/No[b]?	Comments[c]
Physical waste form/description	VE	No	VE Data Sheets indicate consistency with Attachment 6 of CCP-TP-005.
Waste material parameters weights	VE	No	VE Data Sheets indicate consistency with the Waste Material Parameter table as listed in the AK. See additional attached sheets.
Waste percent volume consistent with nondestructive examination or visual examination data and audio/video tapes or equivalent media	VE	No	VE Data Sheets indicate consistency with CCP-AK-LANL-008. See additional attached sheets.
Summary category group assignment	VE	No	VE Data Sheets are consistent with CCP-TP-005, Attachment 6.
Waste matrix code assignment	VE	No	Waste Matrix Code S5100 is consistent with data from VE data sheets.
Absence of prohibited items	VE	No	VE did not identify any prohibited items.
EPA Hazardous Waste Number assignment [d]	AK	No	Characterization results consistent with CCP-AK-LANL-008.
Toxicity characteristic code assignment	AK	No	Consistent with CCP-AK-LANL-008.
VOCs from packaging materials or radiolysis present	AK	No	CCP-TP-005 Attachment 5 does not identify any VOCs associated with packaging or radiolysis.
State Hazardous Waste Number assignment	AK	No	No additional State Hazardous Waste codes are identified in CCP-TP-005 Attachment 5.
Radionuclides present	NDA	No	See Additional Comments section and additional sheets attached.
Other radiological parameters: (specify)	NDA	No	No additional radiological parameters identified.

CCP RECORDS ORIGINAL
DATE REC'D 7-29-15 JY

Attachment 13 - CCP Waste Stream Characterization Checklist

Site(s): LANL
Waste Stream Number: LA-OS-00-01.001 (CCP-AK-LANL-008) Lot # (if applicable) 85
Waste Stream Description: Uncategorized Metal - Defense Sealed Sources

Additional Comments:

- For this waste stream, AK identifies the two most prevalent isotopes, by weight, to be: Pu-239 at 77.2% and Am-241 at 18.5%
- The two most prevalent isotopes by weight percent for the lot are: 98.97% AM-241 and 0.55% PU-238
- For the waste stream to date, the two most prevalent isotopes by weight percent are: 59.08% PU-239 and 34.65% AM-241
- The off-site source recovery program is employing an alternate radiological characterization method in accordance with WIPP WAC Appendix A, in lieu of radioassay.

a. Identified in the AK Summary Report or included in the in-process record documentation (e.g., BDR's).
b. If 'Yes,' AK Expert completes an Acceptable Knowledge Re-evaluation Checklist.
c. Identify the source of the waste characterization information (e.g., batch data report).

d. Ensure that, if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and if analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Code is applied.

Site Project Manager:

Roger Whiteaker	Roger Whiteaker	5/22/2014
Print	Sign	Date

Acceptable Knowledge Expert:

Mike Papp		5/22/14
Print	Sign	Date

NDA Isotopic Weight Percent
LA-OS-00-01.001
Lot 85

CONTAINERID	NDABDR	SR-90	CS-137	U-233	U-234	U-235	U-238	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241
65463	LA14-OSR-CH-003	9.48E-10	1.69E-09	2.93E-07	9.16E-07	4.82E-06	1.90E-06	5.91E-06	9.15E-03	1.84E-03	5.46E-05	3.96E-05	3.21E+00
67506	LA14-OSR-CH-004	3.78E-10	6.81E-10	3.25E-07	6.33E-07	3.47E-06	9.23E-07	2.68E-06	4.45E-03	8.94E-04	1.85E-05	1.93E-05	1.54E+00
67507	LA14-OSR-CH-004	1.03E-09	1.84E-09	2.83E-07	9.03E-07	4.75E-06	2.00E-06	6.28E-06	9.63E-03	1.94E-03	6.16E-05	4.18E-05	3.39E+00
67508	LA14-OSR-CH-004	1.23E-09	2.20E-09	3.29E-07	1.09E-06	5.70E-06	2.39E-06	7.53E-04	1.15E-02	2.32E-03	7.30E-05	5.00E-05	4.06E+00
67509	LA14-OSR-CH-004	5.11E-05	2.10E-09	4.93E-07	1.29E-06	6.86E-06	2.44E-06	7.50E-06	1.18E-02	2.37E-03	6.63E-05	5.11E-05	4.13E+00
67523	LA14-OSR-CH-002	1.75E-10	3.15E-10	1.23E-07	2.67E-07	1.45E-06	4.13E-07	1.22E-06	1.99E-03	4.00E-04	8.72E-06	8.63E-06	6.91E-01
67524	LA14-OSR-CH-002	9.18E-08	7.95E-04	1.42E-07	2.80E-07	1.53E-06	4.06E-07	1.18E-06	1.96E-03	3.94E-04	7.96E-06	8.49E-06	6.78E-01
67528	LA14-OSR-CH-006	9.38E-10	1.69E-09	6.60E-07	1.40E-06	7.62E-06	2.19E-06	6.47E-09	1.06E-02	2.12E-03	4.76E-05	4.58E-05	3.67E+00
67529	LA14-OSR-CH-006	9.38E-05	3.56E-09	1.27E-06	2.75E-06	1.49E-05	4.49E-06	1.34E-05	2.16E-02	4.34E-03	1.04E-04	9.38E-05	7.53E+00
67530	LA14-OSR-CH-006	2.77E-10	4.94E-10	1.22E-07	2.89E-07	1.55E-06	5.63E-07	1.74E-06	2.72E-03	5.46E-04	1.61E-05	1.18E-05	9.52E-01
67538	LA14-OSR-CH-005	5.09E-10	9.21E-10	7.33E-07	1.08E-06	6.13E-06	1.37E-06	3.83E-06	6.60E-03	1.33E-03	2.39E-05	2.86E-05	2.27E+00
67539	LA14-OSR-CH-005	2.62E-09	4.75E-09	2.91E-06	5.45E-06	3.00E-05	7.10E-06	2.01E-05	3.42E-02	6.88E-03	1.11E-04	1.48E-04	1.18E+02
67540	LA14-OSR-CH-005	7.30E-08	1.33E-07	1.70E-09	2.99E-01	2.54E-04	2.41E-04	8.35E-01	2.27E-01	3.71E-02	1.48E-03	3.30E-03	8.33E-03
		1.45E-04	7.95E-04	7.68E-06	2.99E-01	3.43E-04	2.67E-04	8.36E-01	3.53E-01	6.25E-02	2.07E-03	3.85E-03	1.50E+02
Total Mass	151.6873153												
		< 0.01 %	< 0.01 %	< 0.01 %	0.20 %	< 0.01 %	< 0.01 %	0.55 %	0.23 %	0.04 %	< 0.01 %	< 0.01 %	98.97 %

Individual Container Weight Percents

CONTAINERID	NDABDR	SR-90	CS-137	U-233	U-234	U-235	U-238	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241
65463	LA14-OSR-CH-003	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.28 %	0.06 %	0.00 %	0.00 %	99.66 %
67506	LA14-OSR-CH-004	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.29 %	0.06 %	0.00 %	0.00 %	99.65 %
67507	LA14-OSR-CH-004	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.28 %	0.06 %	0.00 %	0.00 %	99.66 %
67508	LA14-OSR-CH-004	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.02 %	0.28 %	0.06 %	0.00 %	0.00 %	99.64 %
67509	LA14-OSR-CH-004	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.28 %	0.06 %	0.00 %	0.00 %	99.65 %
67523	LA14-OSR-CH-002	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.29 %	0.06 %	0.00 %	0.00 %	99.65 %
67524	LA14-OSR-CH-002	0.00 %	0.12 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.29 %	0.06 %	0.00 %	0.00 %	99.53 %
67528	LA14-OSR-CH-006	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.29 %	0.06 %	0.00 %	0.00 %	99.65 %

Supporting Documentation

CONTAINERID	NDABDR	SR-90	CS-137	U-233	U-234	U-235	U-238	PU-238	PU-239	PU-240	PU-241	PU-242	AM-241
67529	LA14-OSR-CH-006	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.29 %	0.06 %	0.00 %	0.00 %	99.65 %
67530	LA14-OSR-CH-006	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.28 %	0.06 %	0.00 %	0.00 %	99.65 %
67538	LA14-OSR-CH-005	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.29 %	0.06 %	0.00 %	0.00 %	99.65 %
67539	LA14-OSR-CH-005	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.03 %	0.01 %	0.00 %	0.00 %	99.96 %
67540	LA14-OSR-CH-005	0.00 %	0.00 %	0.00 %	21.18 %	0.02 %	0.02 %	59.15 %	16.08 %	2.63 %	0.10 %	0.23 %	0.59 %

Supporting Documentation

NDA Isotopic Weight Percent Rollup
LA-OS-00-01.001
Lots 1 Thru 85

		SR-90	CS-137	U-234	U-238	U-233	U-235	PU-239	PU-241	PU-240	PU-238	PU-242	AM-241
		2.78E-04	8.04E-02	1.64E+01	4.60E-01	2.27E-04	3.08E+00	2.44E+03	1.07E+00	1.72E+02	6.45E+01	1.20E+00	1.43E+03
		2.78E-04	8.04E-02	1.64E+01	4.60E-01	2.27E-04	3.08E+00	2.44E+03	1.07E+00	1.72E+02	6.45E+01	1.20E+00	1.43E+03
Total Mass	4.14E+03												
		< 0.01 %	< 0.01 %	0.40 %	0.01 %	< 0.01 %	0.07 %	59.08 %	0.03 %	4.17 %	1.56 %	0.03 %	34.65 %

VE Data
LA-OS-00-01.001
Lot 85

Batch Data Report No.	Container	Cellulosics (kg)	Plastics (kg)	Rubber (kg)	Organic Matrix (kg)	Inorganic Matrix (kg)	Iron-based Metals (kg)	Aluminum-based Metals (kg)	Other Metals (kg)	Other Inorganics (kg)	Soils/Gravel (kg)	Total Organic (kg)	Total Inorganic (kg)	Total Waste Weight (kg)	Cellulosics Weight %	Plastics Weight %
LA14-OSR-VE-003	65483								8.2			0	8.2	8.2	.00 %	.00 %
LA14-OSR-VE-004	67506								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-004	67507								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-004	67508								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-004	67509								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-002	67523								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-002	67524								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-006	67528								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-006	67529	4.7							28.6			4.7	28.6	33.3	14.11 %	.00 %
LA14-OSR-VE-006	67530								7.2			0	7.2	7.2	.00 %	.00 %
LA14-OSR-VE-005	67538	8							14.7			8	14.7	22.7	35.24 %	.00 %
LA14-OSR-VE-005	67539								1.1			0	1.1	1.1	.00 %	.00 %
LA14-OSR-VE-005	67540								3.6			0	3.6	3.6	.00 %	.00 %

VE Data
LA-OS-00-01.001
Lot 85

Batch Data Report No.	Container	Rubber Weight %	Organic Matrix Weight %	Inorganic Matrix Weight %	Iron-based Metals Weight %	Aluminum-based Metals Weight %	Other Metals Weight %	Other Inorganics Weight %	Soils/gravel Weight %
LA14-OSR-VE-003	65463	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-004	67506	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-004	67507	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-004	67508	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-004	67509	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-002	67523	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-002	67524	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-006	67528	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-006	67529	.00 %	.00 %	.00 %	.00 %	.00 %	85.89 %	.00 %	.00 %
LA14-OSR-VE-006	67530	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-005	67538	.00 %	.00 %	.00 %	.00 %	.00 %	64.76 %	.00 %	.00 %
LA14-OSR-VE-005	67539	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %
LA14-OSR-VE-005	67540	.00 %	.00 %	.00 %	.00 %	.00 %	100.00 %	.00 %	.00 %

Total Lot Weight %								
Cellulosics Weight %	Plastics Weight %	Rubber Weight %	Organic Matrix Weight %	Inorganic Matrix Weight %	Iron-based Metals Weight %	Aluminum-based Metals Weight %	Other Metals Weight %	Other Inorganics Weight %
10.04 %	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	89.96 %	.00 %

Total Lot % Volume	
Organic	Inorganic
47.36 %	52.64 %

NDE Density Rollup Data Through Lot: 85
LA-OS-00-01.001

Waste Stream Waste Material Parameter Weight Percent

Cellulosics	Plastics	Rubber	Organic Matrix	Inorganic Matrix	Iron-based Metals	Aluminum-based Metals	Other Metals	Other Inorganics	Soils/Gravel
3.71 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %	96.29 %	0.00 %	0.00 %

Attachment 2 – Container Inspection Report

Safe to Handle YES/NO		Container ID Number	Structural Integrity and Distortion Inspection SAT	UNSAT	RAD Tag <200 mrem/hr at surface SAT	UNSAT	Filter Information (Manufacture ID, Filter Model #, Manufacture Date OR Serial #)	
(YES)	NO	5816674	(SAT)	UNSAT	(SAT)	UNSAT	NFT-072	LAS-4293 6/97
(YES)	NO	59454	(SAT)	UNSAT	(SAT)	UNSAT	Nuf-1013	LANL-1025 10/01
(YES)	NO	62152	(SAT)	UNSAT	(SAT)	UNSAT	Nuf-1019	HE-1635 8/04
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		

Comments: None

Completed by: [Print Name] [Signature] 2/5/15 [Date]

VPM/Designee Approval: Tommy Mojica [Print Name] [Signature] 2-5-15 [Date]

NOTE: If NO, circled in first column (Safe to Handle), DO NOT accept container.

NTPC RECORDS ORIGINAL
DATE REC'D 2/9/15

Table C6-3 Radiography Checklist
CCP/LANL Recertification Audit A-15-21
September 1-3, 2015

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Radiography Checklist

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-3 Radiography Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
	QUALITY ASSURANCE OBJECTIVES					
233	Are process procedures in place to meet the following Quality Assurance Objectives? <u>Precision</u> • Does the site describe in its QAPjP and SOP(s) activities to reconcile any discrepancies between two radiography operators with regard to identification of the waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases through independent replicate scans and independent observations? And additionally, activities to verify the precision of radiography prior to use by tuning precisely enough to demonstrate compliance with QAOs through viewing an image test pattern? <u>Accuracy</u> • Was accuracy obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify 100 percent of the required items in a training container during their initial qualification and subsequent requalification	CCP-PO-001, S.C3-2a CCP-TP-053, S. 4.3.4 S. 4.5 S. 4.6 CCP-QP-002, S. 4.8.2 [G.3](a), Att. 4 & 5	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)** Qualification records for 4 RTR operators **(RTR-2)**	Y	
233a	<u>Completeness</u> • Was an audio/videotape (or equivalent media) of the radiography examination and a radiography data form validated according to the requirements in Section C3-4? • Was an audio/videotape (or equivalent media) of the radiography examination and a radiography data form obtained for 100% of the waste containers subject to radiography? <u>Comparability</u> • Is comparability ensured through the use of standardized radiography procedures and operator training and qualifications (Section C3-2a)	CCP-PO-001, S. C3-2a CCP-TP-053, S. 2.2 S. 4.4 S. 4.10 Att. 2 & 3 CCP-QP-002, S. 4.2 S. 4.3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)** Qualification records for 4 RTR operators **(RTR-2)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-3 Radiography Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
	CHARACTERIZATION AND SYSTEM REQUIREMENTS					
234	Does the site have procedures to ensure that radiography is used to identify and verify waste container contents and verify the waste's physical form? Does the site have procedures to identify prohibited materials? (Section C-3b; C1-1)	CCP-TP-053, S. 1.0 Table 1 Att. 2	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
235	Do procedures or other supporting documentation ensure that every waste container will undergo radiography and/or VE as necessary to augment AK? (Section C-3b)	CCP-PO-001, S. C-3b CCP-TP-001, S. 3.1.1	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-14-OSR-VE-011 LA-15-OSR-VE-001 LAVE550142 LAVE550164 **(GEN-2)**	Y	
236	Do procedures ensure that containers whose contents prevent full examination are examined by visual examination rather than by radiography unless the site certifies that visual examination would provide no additional relevant information for that container based on the AK information for the waste stream? (Section C1-1)	CCP-TP-053, S. 4.4.3 [D] & [E]	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
237	Do procedures or other supporting documentation ensure that the physical form determined by radiography is compared with the waste stream descriptions? If discrepancies are noted, will a new waste stream be identified? (Section C-3b)	CCP-PO-001, S. C-3b CCP-TP-001, S. 4.2 CCP-TP-002, S. 4.7 CCP-TP-053, S. 4.4.3[C] Att. 2 & 3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)** LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	No discrepancies were reported compared to waste stream descriptions. Therefore no new waste streams.
238	Are there procedures to ensure the data is obtained from an audio/video recorded scan provided by trained radiography operators?	CCP-TP-053, S. 2.2 Att. 2 & 3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-3 Radiography Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
	(Section C1-1)			**(RTR-1)**		
239	Were all activities required to achieve the radiography objective described in site Quality Assurance Project Plans (QAPjPs) and Standard Operating Procedures (SOPs)? (Section C3-2)	CCP-PO-001, S. C3-2 CCP-TP-053, (All)	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
240	Did the radiography system consist of the following equipment or equivalent: • an X-ray producing device? • an imaging system? • an enclosure for radiation protection? • a waste container handling system? • an audio/video recording system or equivalent? • an operator control and data acquisition station? (Section C1-1)	CCP-TP-053, S. 2.3.1	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
241	Did the X-ray producing device have controls which allow the operator to vary voltage, thereby controlling image quality? Was it possible to vary the voltage, typically between 150-400 kV, to provide an optimum degree of penetration through the waste? Was high-density material examined with the X-ray device set on the maximum voltage? Was low-density material examined at lower voltage settings to improve contrast and image definition? (Section C1-1)	CCP-TP-053, S. 2.3.1 S. 4.4.1 [D.1]	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
242	Do procedures or other documentation ensure that an audio/videotape or equivalent is made of the waste container scan and maintained as a non-permanent record? (Section C1-1)	CCP-TP-053, S. 4.3 S. 5.1.2 Att.1, 2 & 3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
	DATA COMPILATION					
243	Are there procedures to ensure that a radiography data form is used to document the waste matrix code, ensure the waste container contains no ignitable, corrosive or reactive waste by documenting the absence of liquid in excess of TSDF-WAC limits or compressed gases, and verify that the physical form of the waste is consistent with the waste stream description documented on the WSPF?	CCP-TP-053, S. 4.4.2 [B] S. 4.4.3 Att. 2 & 3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-3 Radiography Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
	(Section C1-1)					
245	If radiography indicates that the waste does not match the waste stream description, do procedures ensure that the appropriate corrective action was taken? (Section C-3b)	CCP-TP-053, S. 4.4.3 [C]	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
246	If a discrepancy is noted, do procedures ensure that the proper waste stream assignment is determined, the correct hazardous waste numbers assigned, and the resolution documented? (Section C-3b)	CCP-TP-005, S. 4.8 S. 4.9 Att. 10	Y	AK Discrepancy Resolutions at Characterization and AK Reevaluations **(AK-18)**	Y	
	TRAINING					
247	Do site procedures ensure that only trained personnel are allowed to operate radiography equipment? (Section C1-1)	CCP-TP-053, S. 2.2.1 CCP-QP-002, S. 4.2 S. 4.3	Y	Qualification records for 4 RTR operators **(RTR-2)**	Y	
248	Do site procedures ensure that training requirements for radiography operators is based upon existing industry standard training requirements? (Section C1-1)	CCP-QP-002, S. 4.8.2 [D]	Y	Qualification records for 4 RTR operators **(RTR-2)**	Y	
249	Does the documented training program provide radiography operators with both formal and on-the-job training (OJT)? (Section C1-1)	CCP-QP-002, S. 4.2.8 [B] S. 4.8.2 [G.2]	Y	Qualification records for 4 RTR operators **(RTR-2)**	Y	
250	Does the documented training program ensure that the radiography operators are instructed in the specific waste generating practices and typical packaging configurations expected to be found in each waste stream at the site? (Section C1-1)	CCP-QP-002, S. 4.7	Y	Qualification records for 4 RTR operators **(RTR-2)**	Y	
251	Does the documented training program ensure that the OJT and apprenticeship are conducted by an experienced, qualified radiography operator prior to qualification of the candidate? (Section C1-1)	CCP-QP-002, S. 4.2.8[B]	Y	Qualification records for 4 RTR operators **(RTR-2)**	Y	
252	Is the documented training program site specific? (Section C1-1)	CCP-QP-002, S.4.7 Att. 1	Y	Qualification records for 4 RTR operators **(RTR-2)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-3 Radiography Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
262	Does the documented training program ensure that a training drum with various container sizes is scanned by each operator on a semiannual basis? Is the videotape reviewed by a supervisor to ensure that operator's interpretations remain consistent and accurate? (Section C1-1)	CCP-QP-002, S. 4.8.2 [G.3] ATT. 4 & 5 CCP-TP-028, (All)	Y	Qualification records for 4 RTR operators **(RTR-2)**	Y	
263	Do site procedures ensure that the site prepares Testing Batch Data Reports or equivalent which includes all data pertaining to radiography for up to 20 waste containers without regard to waste matrix? (Section C3-4)	CCP-TP-053, S. 4.7.1	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
	QUALITY ASSURANCE					
265	Does the documented training program ensure that the imaging system characteristics are verified on a routine basis? (Section C1-1)	CCP-TP-053, S. 4.3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)** Qualification records for 4 RTR operators **(RTR-2)**	Y	
266	Do procedures ensure that independent replicate scans and replicate observations of the video output of the radiography process are performed under uniform conditions and procedures? Are independent replicate scans performed on one waste container per day or per testing batch of 20 samples, which ever is less frequent, by a qualified radiography operator that was not involved in the original scan of the water container? Are independent observations of one scan (not the replicate scan) performed once per day or per testing batch, which ever is less frequent, by a qualified radiography operator that was not involved in the original scan of the waste container? (Section C1-1)	CCP-TP-053, S. 4.5 S. 4.6	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
267	Do procedures ensure that oversight functions include periodic audio/video media reviews of accepted waste containers, are performed by qualified radiography operators that were not involved in the original scans of the waste containers? (Section C1-1)	CCP-TP-053, S. 4.5 S. 4.6	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
268	Is the site project manager responsible for monitoring the quality of the radiography data and calling for corrective action, when necessary? (Section C1-1)	CCP-PO-001, S. C1-1	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-3 Radiography Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
		CCP-TP-001, S. 3.1.8		**(GEN-1)**		
	DATA VALIDATION, REVIEW, VERIFICATION AND REPORTING					
277	Do procedures ensure that all applicable data generation review verification and validation activities specified in C3-4 are followed, including all signatory releases? (Section C3-4)	CCP-TP-053, S. 4.10 Att. 3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
278	Do procedures ensure that radiography tapes have been reviewed at a frequency of one waste container per day or once per testing batch, whichever is less frequent, to ensure data are correct and completed? (Section C1-1)	CCP-TP-001, Att. 2 CCP-TP-053, S. 4.6 S. 4.10 Att. 3	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
279	Do procedures ensure that all applicable project-level signatory releases and DQOs (Section C3-3) as specified in the WAP are performed? (Section C3-4b)	CCP-TP-001, S. 4.2 Att. 2	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)**	Y	
282	At the data generation level, do procedures ensure that all electronic and video data stored appropriately to ensure that waste container, sample, and associated QA data are readily retrievable? Are radiography tapes reviewed, at a frequency of one waste container per day or once per testing batch, whichever is less frequent, against the data reported on the radiography form? (Section C3-4a, C3-4a(1))	CCP-TP-053, S. 4.6 S. 5.0	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(RTR-1)**	Y	
283	At the project level, do procedures require the Site Project Manager to certify that the radiography data are complete and acceptable based on the videotape review of at least one waste container per testing batch or daily, whichever is less frequent? (Section C3-4b(1))	CCP-TP-001, S. 4.2 Att. 2	Y	LA-HERTR-14-0056 LA-RTR2-14-0043 LA-RTR2-15-0001 **(GEN-1)**	Y	

1. The WAP requirements should be presented in documents, such as procedures. Each of the questions posed under WAP requirements is meant to ask whether procedures are in place or whether documents are evident which demonstrate that the specific WAP requirement is or can be met.

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-RTR2-14-0043				Examination Date(s): 08/20/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67612 67607 66851 67608 67613 67610 69625
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**			X	
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 8/26/14

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-14-0043			Examination Date(s): 08/20/2014	
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No observable liquids.
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-14-0043 **Examination Date(s): 08/20/2014**

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.

Comments: None

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Carolina Soaterna	Carolina Soaterna	8/25/14
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-RTR2-14-0043 ☑ CH ☐ RH Date: 08/20/2014

Waste Container ID Numbers	
Replicate Scan:	69625
Independent Observation:	67612
1	67612
2	67607
3	66851
4	67608
5	67613
6	67610
7	69625
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Michael Simmons — Printed Name

Signature

08/20/2014 — Date

Independent Technical Reviewer:

Aaron Elliott — Printed Name

Signature

8/21/14 — Date

01

NTPC RECORDS ORIGINAL
DATE REC'D 8/25/14

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-RTR2-14-0043 Date: 08/20/2014

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	N/A
6	CCP Independent Technical Reviewer Checklist	31

Batch Narrative

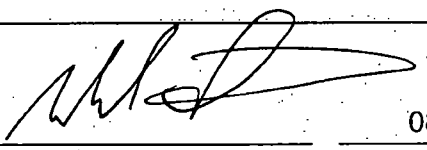
All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

Michael Simmons — RTR Operator

Signature

08/20/2014 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-RTR2-14-0043		
Examination Date: 08/20/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 8 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Michael Simmons Printed Name	 Signature	08/20/2014 Date

CCP Radiography Data Sheet

Section 1: General Information	
[ ] RTR Examination [X] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	69625
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 40.0 kg Tare Wt.: 33.4 kg Net Wt.: 6.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	25 %

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal pipe, scrap metal, hardware
AM:
OM:
OI:
C:
R:
XPM: Horsetail bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.6
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	6.6

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Replicate Scan agrees with the Original Scan.	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67612
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 164.0 kg Tare Wt.: 142.1 kg Net Wt.: 21.9 kg
Rigid Liner and Liner Vent Description:	Liner: ☐ No ☒ Yes Lid: ☐ No ☒ Yes Type: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☒ Yes ☐ N/A Punctured: ☐ No ☒ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	10.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	0.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	11.4
Soils (S):	
Total WMP Weight:	21.9

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review.
Standard Pipe Overpack Container (P.O.C.)
There is separation between the liner and liner lid, therefore, the liner is vented.
This Independent Observation agrees with the Original Scan.

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67612
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 164.0 kg Tare Wt.: 142.1 kg Net Wt.: 21.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Filtered metal can with material, slip lid metal can with material
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Horsetail bag
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	8.9
Soils (S):	
Total WMP Weight:	21.9

CCP Radiography Data Sheet

Waste Container ID: 67612

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67607
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 160.0 kg Tare Wt.: 142.1 kg Net Wt.: 17.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67607

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	4.9
Soils (S):	
Total WMP Weight:	17.9

CCP Radiography Data Sheet

Waste Container ID: 67607

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	66851
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 39.0 kg Tare Wt.: 27.7 kg Net Wt.: 11.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 66851

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R: Rubber gloves
XPM: Horsetail bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	9.3
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	11.3

CCP Radiography Data Sheet

Waste Container ID: 66851

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 *percent by volume, whichever is greater?*	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67608
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 161.0 kg Tare Wt.: 142.1 kg Net Wt.: 18.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67608

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: *Horsetail bag*
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	5.9
Soils (S):	
Total WMP Weight:	18.9

CCP Radiography Data Sheet

Waste Container ID: 67608

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67613
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 159.0 kg Tare Wt.: 142.1 kg Net Wt.: 16.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67613

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	3.9
Soils (S):	
Total WMP Weight:	16.9

CCP Radiography Data Sheet

Waste Container ID: 67613

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	67610
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 161.5 kg Tare Wt.: 142.1 kg Net Wt.: 19.4 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes Lid: [ ] No [X] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [ ] No [X] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

CCP Radiography Data Sheet

Waste Container ID: 67610

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Filtered metal can with material, slip lid metal can with material
AM:
OM:
OI:
C:
R:
XPM: Horsetail bag
OR:
IN: Homogeneous solids
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	109.0
Plastics (PP): Rigid Liner/Lid	6.4
Other: Fiberboard (CP)	26.7
Total Packaging Weight	142.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	12.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	6.4
Soils (S):	
Total WMP Weight:	19.4

CCP Radiography Data Sheet

Waste Container ID: 67610

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This drum contains metal cans with material which may require additional Project Office review. Standard Pipe Overpack Container (P.O.C.); There is separation between the liner and liner lid, therefore, the liner is vented.	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-14-0043
Examination Date:	8/20/2014
Waste Container ID:	69625
Video/Audio Recorded Media Number:	LA-RTR2-14-0043 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 40.0 kg Tare Wt.: 33.4 kg Net Wt.: 6.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal pipe, metal cap, metal hardware, scrap metal
AM:
OM:
OI:
C:
R:
XPM: Horsetail bags
OR:
IN:
S:

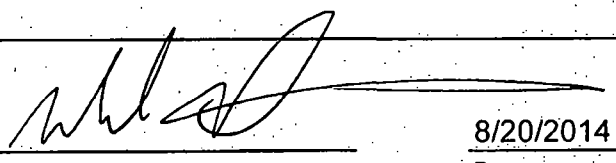
Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	4.6
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	6.6

CCP Radiography Data Sheet

Waste Container ID: 69625

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-RTR2-14-0043

	Description			
1.	Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 14	☐ NO	☑ YES	
3.	Are the WMPs entered correctly?	☐ NO	☑ YES	
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☑ YES	
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES	
6.	Has the data been verified for transcription errors?	☐ NO	☐ YES	☑ N/A
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES	
8.	BDR contents are complete and match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES	
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	
11.	All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES	☑ N/A
12.	Was justification made for changing the original data?	☐ NO	☐ YES	☑ N/A
13.	Were data changes made by the individual who originally collected the data?	☐ NO	☐ YES	☑ N/A
14.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES	
15.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES	
16.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	
17.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☑ YES	
18.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-RTR2-14-0043

Description				
19.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	
20.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☑ YES	
21.	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
22.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
23.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☑ YES	
24.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
25.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
26.	Was the data collection performed by qualified individuals?	☐ NO	☑ YES	
27.	Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☐ YES	☑ N/A
28.	QAOs (precision, accuracy, completeness, representativeness) have been met?	☐ NO	☑ YES	

Comments:
N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Aaron Elliott
Printed Name

Signature

8/21/14
Date

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-14-0043	BACKUP DVD B FOR RTR 2	08-20-14	N/A
	N/A		

Comments:

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [✓] — Signature: [signature] — Printed Name: Jarell Hurrabide — Date: 9-2-14.

Records Rejected [ ] — Signature: _____ — Printed Name: _____ — Date: _____

Reason for Rejection:

Re-submittal: Signature: _____ — Printed Name: _____ — Date: _____

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.          0161
Address          915056678321
Name             LANL
Start Time       09/02 11:35 AM
Call Length      00'18
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-14-0043	BACKUP DVD B FOR RTR 2	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted	[X]	[signature]	Jarrell Hurrabide	9-2-14
		Signature	Printed Name	Date
Records Rejected	[ ]			
		Signature	Printed Name	Date

Reason for Rejection:

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title/ Description	Record Date	Total Pages
LA-RTR2-14-0043	BDR FOR NDE RTR 2	08-20-14	32
LA-RTR2-14-0043	PRIMARY DVD A NDE RTR 2	08-20-14	N/A
	N/A		

Comments

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

	Signature	Printed Name	Date
Records Accepted [✓]	[signature]	Jewell Hurable	9-2-14
Records Rejected [ ]			

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

```
**********************************
***        Send Results        ***
**********************************

Sending is complete.

Job No.          0160
Address          915056678321
Name             LANL
Start Time       09/02 11:34 AM
Call Length      00'19
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-14-0043	BDR FOR NDE RTR 2	08-20-14	32
LA-RTR2-14-0043	PRIMARY DVD A NDE RTR 2	08-20-14	N/A
	N/A		

Comments

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Jewell Hurtado Printed Name	9-2-14 Date
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

DIVIDER

PAGE

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-HERTR-14-0056				**Examination Date(s): 08/20/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 66850 69526
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**	X			NCR-LANL-0554-14 (69563)
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 8/26/14

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0056				**Examination Date(s): 08/20/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			Except for 69563
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**	X			Except for 69563
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-HERTR-14-0056	**Examination Date(s): 08/20/2014**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			8/25/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-HERTR-14-0056 ☑ CH ☐ RH Date: 8-20-14

Waste Container ID Numbers	
Replicate Scan:	69563
Independent Observation:	66850
1	66850
2	69526
3	69563
4	N/A
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8-20-14
Printed Name	Signature	Date

Independent Technical Reviewer:

BENITO MAESTAS	B Maestas	8.21.14
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 8/25/14

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-HERTR-14-0056 Date: 08/20/2014

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	19
6	CCP Independent Technical Reviewer Checklist	22 ~~24~~ 8-21-14

Batch Narrative

All Quality Checks were performed and recorded on CCP-TP-053, Rev. 14, CCP Radiography Measurement Control Report.

Thad Hasselstrom	Thad Hasselstrom	8-21-14
RTR Operator	Signature	08/20/2014 Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-HERTR-14-0056		
Examination Date: 08/20/2014		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test: 11 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Thad Hasselstrom (Printed Name)	Thad Hasselstrom (Signature)	08/20/2014 (Date)

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69563
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ No ☒ Yes NCR No.: NCR-LANL-0554-14 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 144.0 kg Tare Wt.: 33.4 kg Net Wt.: 110.6 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☐ No ☒ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

Waste Container ID: 69563

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM:	Metal hardware, vented metal pipes, drill bits, vented metal canister, scrap metal
AM:	
OM:	
OI:	
C:	Coveralls
R:	Rubber gloves
XPM:	Horsetail bags, plastic tubing, plastic container, spray tip
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	50.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	16.0
Rubber (R):	2.0
Plastics (waste materials) (XPM):	8.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	34.6
Soils (S):	
Total WMP Weight:	110.6

Waste Container ID: 69563

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[X] Yes [ ] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[X] Yes [ ] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No

Comments: This Replicate Scan agrees with the Original Scan. NCR-LANL-0554-14
This drum contains metal cans with material which may require additional Project Office review.

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	66850
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 44.0 kg Tare Wt.: 27.7 kg Net Wt.: 16.3 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	20 %

Waste Container ID: 66850

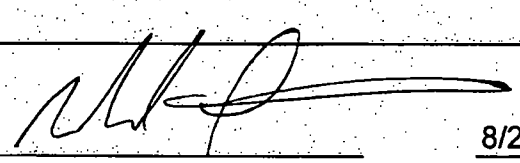
Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R: Leaded rubber gloves
XPM: Horsetail bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	14.3
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	16.3

Waste Container ID: 66850

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Independent Observation agrees with the Original Scan.	

RTR Operator:

Michael Simmons		8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	66850
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 44.0 kg Tare Wt.: 27.7 kg Net Wt.: 16.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	25 %

CCP Radiography Data Sheet

Waste Container ID: 66850

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	
AM:	
OM:	
OI:	
C:	
R:	Leaded rubber gloves
XPM:	Plastic sheeting, horse tail bags
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	~~3.8~~ 12.5 ZSH 8-20-14
Plastics (waste materials) (XPM):	~~12.5~~ 3.8 ZSH 8-20-14
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	16.3

Waste Container ID: 66850

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69526
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 83.5 kg Tare Wt.: 33.4 kg Net Wt.: 50.1 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	50 %

Waste Container ID: 69526

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM:	Vented metal pipes, hardware, ~~drill~~ bits DRILL 7SH 8-21-14
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Utility knife handle, horsetail bags
OR:	~~Homogeneous solids~~ 7SH 8-20-14
IN:	HOMOGENEOUS SOLIDS 7SH 8-20-14
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	15.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	6.0
Organic Matrix (OR):	~~29.0~~ 7SH 8-20-14
Inorganic Matrix (IN):	29.0 7SH 8-20-14
Soils (S):	
Total WMP Weight:	50.1

Waste Container ID: 69526

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This drum contains metal cans with material, which may require additional Project Office review.	

RTR Operator:	Thad Hasselt	8-21-14
Thad Hasselstrom	Thad Hasselt	8/20/2014
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69563
Video/Audi Number:	
Procedure	
NCR(s) as container?	
(e.g., Proh	

Vented metal Pipes vs. Vented metal Cans

What's the difference?

-see comments on 69526 vs. Section 3

Vented metal Pipes Vs. Vented metal Canisters

Compare 69563 with 69526

Section 2	
Container	
TRUCON	
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 144.0 kg Tare Wt.: 33.4 kg Net Wt.: 110.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-14-0056
Examination Date:	8/20/2014
Waste Container ID:	69563
Video/Audio Recorded Media Number:	LA-HERTR-14-0056 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	[ ] No [X] Yes NCR No.: NCR-LANL-0554-14 NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD09.001
Waste Container Weights:	Gross Wt.: 144.0 kg Tare Wt.: 33.4 kg Net Wt.: 110.6 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [ ] No [X] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	80 %

CCP Radiography Data Sheet

Waste Container ID: 69563

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM:	Hardware, vented metal pipe, hand tools, vented metal canisters
AM:	
OM:	
OI:	
C:	Coveralls
R:	Rubber gloves
XPM:	Horsetail bags, plastic tubing, plastic container
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	45.6
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	4.0
Rubber (R):	1.0
Plastics (waste materials) (XPM):	10.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	50.0
Soils (S):	
Total WMP Weight:	110.6

Waste Container ID: 69563

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[X] Yes [ ] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[X] Yes [ ] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: This drum contains metal cans with material, which may require additional Project Office review. NCR-LANL-0554-14	

RTR Operator:

Thad Hasselstrom	Thad Hasselstrom	8/20/2014
Print Name	Signature	Date

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0554-14		**Revision** 0
1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): NDE	3. Batch Data Report #(s): LA-HERTR-14-0056
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): 69563
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☑ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-053, Standard Real Time Radiography (RTR) Inspection Procedure, Rev. 14, Section 4.4.2 [H] states, in part, "Using Table 1, Prohibited Items, as a reference...confirm there are NO prohibited items in the waste container."
Table 1, Prohibited Items lists, in part, "Liquid waste- Observable liquid shall be no more than 1 percent by volume of the outermost container, Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited."

7c. Actual Condition:

Approximately 3L of prohibited liquid in a vented metal pipe.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☑ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Thad Hasselstrom (printed name) [signature] 08/20/2014 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☑ NO ☐ INDETERMINATE

10. Trend Code: K	11. Responsible Manager: Terri-Anne Groover
12. Significant Condition? ☐ YES ☑ NO (If Yes, enter WIPP Form No.):	13. Recurring Condition? ☐ YES ☑ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Aaron Elliott (printed name) [signature] 8-21-14 (date)

COPY

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):
☑ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use
☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

COPY

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0554-14 **Revision** 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☑ N/A for Reject, Rework, or Scrap]

N/A

☑ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

Return container(s) to LANL.

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

N/A

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Groover		08-21-14

21. QA Engineer or QA Designee:

printed name	signature	date
Antonio D. Chavarria		8/21/14

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

COPY

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-HERTR-14-0056

	Description			
1.	Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 14	☐ NO	☑ YES	
3.	Are the WMPs entered correctly?	☐ NO	☑ YES	
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☑ YES	
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES	
6.	Has the data been verified for transcription errors?	☐ NO	☐ YES	☑ N/A
7.	Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES	
8.	BDR contents are complete and match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES	
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	
11.	All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12.	Was justification made for changing the original data?	☐ NO	☑ YES	☐ N/A
13.	Were data changes made by the individual who originally collected the data?	☐ NO	☑ YES	☐ N/A
14.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES	
15.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES	
16.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	
17.	Was the video/audio recording media properly prepared and labeled for each waste container?	☐ NO	☑ YES	
18.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-HERTR-14-0056

Description				
19.	Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	
20.	Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☑ YES	
21.	Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
22.	Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
23.	Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☑ YES	
24.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	
25.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	
26.	Was the data collection performed by qualified individuals?	☐ NO	☑ YES	
27.	Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☑ YES	☐ N/A
28.	QAOs (precision, accuracy, completeness, representativeness) have been met?	☐ NO	☑ YES	

Comments:

N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

BENITO MACSTAS		8-21-14
Printed Name	Signature	Date

DIVIDER PAGE ONLY

NOT PART OF PAGE COUNT

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BDR FOR NDE HE-RTR	08-20-14	23
LA-HERTR-14-0056	PRIMARY DVD A FOR NDE HE-RTR	08-20-14	N/A
	N/A		

Comments:

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [√] _____ Randall Hurrabie 9/2/14
Signature Printed Name Date

Records Rejected [ ] _____ _____ _____
Signature Printed Name Date

Reason for Rejection:

Re-submittal: _____ _____ _____
Signature Printed Name Date

```
**********************************
***        Send Results        ***
**********************************

   Sending is complete.

Job No.          0162
Address          915056678321
Name             LANL
Start Time       09/02 11:39 AM
Call Length      00'18
Sheets           1
Result           OK
```


Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-27-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BDR FOR NDE HE-RTR	08-20-14	23
LA-HERTR-14-0056	PRIMARY DVD A FOR NDE HE-RTR	08-20-14	N/A
	N/A		

Comments:

SPM CHECKLIST WAS COMPLETED IN CARLSBAD

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [J] _____ Jennifer Hurrabide 9/2/14
Signature Printed Name Date

Records Rejected [ ] _____ _____ _____
Signature Printed Name Date

Reason for Rejection:

DIVIDER PAGE ONLY

Not part of page count

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title/Description	Record Date	Total Pages
LA-HERTR-14-0056	BACKUP DVD B FOR HE RTR	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted [✓]	Signature	Printed Name: Jarrell Hurrakle	Date: 9-2-14
Records Rejected [ ]	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

****
*** Send Results ***
****

Sending is complete.

Job No.	0163
Address	915056678321
Name	LANL
Start Time	09/02 11:37 AM
Call Length	00'18
Sheets	1
Result	OK

Controlled Copy

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523, 575-234-7431, or 575-234-7095

Fax Number: 575-234-7033

[X] Original Record [ ] Copy
[ ] Fax Record
[ ] Electronic Record

Attn:	CCP RECORDS	From:	RANADA T. BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL
	CARLSBAD, NM 88220	Company:	TFE, INC.
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	08-25-14
Telephone Number:	575-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-HERTR-14-0056	BACKUP DVD B FOR HE RTR	08-20-14	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted [✓] [signature] Jewell Hunkle 9-2-14
Signature Printed Name Date

Records Rejected [ ] ______ ______ ______
Signature Printed Name Date

Reason for Rejection:

DIVIDER

PAGE

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: LA-RTR2-15-0001	**Examination Date(s): 02/11/2015**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: S816674, 62152, 59454
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**	X			
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 5/13/15

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-15-0001	**Examination Date(s): 02/11/2015**			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**	X			
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**	X			
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**	X			
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**	X			
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**	X			

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: LA-RTR2-15-0001	Examination Date(s): 02/11/2015			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**	X			
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**	X			
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**	X			
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**	X			
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**	X			
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**			X	Scale not used
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	T Groover			5-13-15
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5–CCP Radiography Batch Data Report Cover Sheet

Site ID: LANL

Batch Data Report No.: LA-RTR2-15-0001 ☑ CH ☐ RH Date: 2/11/2015

Waste Container ID Numbers	
Replicate Scan:	59454
Independent Observation:	62152
1	S816674
2	62152
3	59454
4	N/A
5	N/A
6	N/A
7	N/A
8	N/A
9	N/A
10	N/A
11	N/A
12	N/A
13	N/A
14	N/A
15	N/A
16	N/A
17	N/A
18	N/A
19	N/A
20	N/A

RTR Operator:

Aaron Elliott		2/11/2015
Printed Name	Signature	Date

Independent Technical Reviewer:

THAO HASSELSTROM	Thao Hasselstrom	5-6-15
Printed Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 5/6/15

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.: LA-RTR2-15-0001 Date: 2/11/2015

Table Of Contents

Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	Copy of NCRs (NA, If Not Applicable)	N/A
6	CCP Independent Technical Reviewer Checklist	19

Batch Narrative

All Quality Checks were performed and recorded on CCP-TP-053, Rev. 15, CCP Radiography Measurement Control Report.

Aaron Elliott — RTR Operator

Signature

2/11/2015 — Date

Attachment 1 – CCP RTR Measurement Control Report

Site ID: LANL		
Batch Data Report No.: LA-RTR2-15-0001		
Examination Date: 2/11/2015		
Control Checks		
Video/Audio Recorded Media System Check	☑ SAT	☐ UNSAT
Image Test : 8 Lines (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☑ SAT	☐ UNSAT
Comments: N/A		
RTR Operator:		
Aaron Elliott (Printed Name)	(Signature)	2/11/2015 (Date)

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☒ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	59454
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 31.0 kg Tare Wt.: 27.7 kg Net Wt.: 3.3 kg
Rigid Liner and Liner Vent Description:	Liner: ☒ No ☐ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ No ☐ Yes ☒ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: Metal cans, scrap metal, metal lid
AM:
OM: Scrap lead
OI:
C:
R:
XPM: Plastic bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	0.8
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.3

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: This Replicate Scan agrees with the Original Scan.
THIS DRUM CONTAINS METAL CANS WITH MATERIAL, WHICH MAY REQUIRE ADDITIONAL PROJECT OFFICE REVIEW.
5.6.15 BM

RTR Operator:		
		5.6.15
Benito Maestas		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☒ RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	62152
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ No ☐ Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.0 kg Tare Wt.: 36.1 kg Net Wt.: 41.9 kg
Rigid Liner and Liner Vent Description:	Liner: ☐ No ☒ Yes Lid: ☒ No ☐ Yes Type: ☐ 30-mil ☒ 90-mil BM 5.6.15 ☐ 110-mil ☐ 125-mil Vented: ☐ No ☒ Yes ☐ N/A Punctured: ☒ No ☐ Yes Mechanical Vent: ☒ No ☐ Yes Fiberboard Liner: ☒ No ☐ Yes Lead Lined: ☒ No ☐ Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Open metal pipes, metal lids, scrap metal, metal hardware
AM:	
OM:	
OI:	
C:	Filter media
R:	
XPM:	Plastic sheeting, plastic bag
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): 90 Mil Rigid Liner and Liner Bag	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	25.9
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	12.0
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	41.9

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: This Independent Observation agrees with the Original Scan.	

RTR Operator:		
Benito Maestas		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	S816674
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.5 kg Tare Wt.: 27.7 kg Net Wt.: 50.8 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	55 %

CCP Radiography Data Sheet

Waste Container ID: S816674

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Handtools, scrap metal
AM:	
OM:	Scrap lead
OI:	
C:	Coveralls, cloth
R:	
XPM:	Plastic bag,
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	8.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	30.0
Other Inorganic Materials (OI)	
Cellulosics (C):	10.8
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	50.8

CCP Radiography Data Sheet

Waste Container ID: S816674

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	[X] Yes [ ] No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	[ ] Yes [X] No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	[ ] Yes [X] No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	[ ] Yes [X] No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	[ ] Yes [X] No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	[ ] Yes [X] No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	[ ] Yes [X] No
Is there an indication of wastes containing explosives or compressed gases?	[ ] Yes [X] No
Is there an indication of PCBs liquids?	[ ] Yes [X] No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	[ ] Yes [X] No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	[ ] Yes [X] No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	[ ] Yes [X] No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	[ ] Yes [X] No
Are there sealed containers GREATER than 4 liters?	[ ] Yes [X] No
Are there indications of inadequate protection for heavy and/or sharp objects?	[ ] Yes [X] No
Comments: N/A	

RTR Operator:

Aaron Elliott		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	62152
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 78.0 kg Tare Wt.: 36.1 kg Net Wt.: 41.9 kg
Rigid Liner and Liner Vent Description:	Liner: [ ] No [X] Yes JAE 5/6/15 Lid: [X] No [ ] Yes Type: [ ] 30-mil [X] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [X] Yes [ ] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 3: Container Inventory and Comments (Detailed descriptions)	
IM:	Open metal pipes. Metal lids, scrap metal. Metal hardware
AM:	
OM:	
OI:	
C:	Filter media
R:	
XPM:	PLASTIC SDE 5/6/15 Plastic sheeting, ~~plastic~~ bag
OR:	
IN:	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP): 90 Mil Rigid Liner and Liner Bag	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	26.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	11.4
Rubber (R):	
Plastics (waste materials) (XPM):	4.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	41.9

CCP Radiography Data Sheet

Waste Container ID: 62152

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No
Comments: N/A	

RTR Operator:		
Aaron Elliott		2/11/2015
Print Name	Signature	Date

CCP Radiography Data Sheet

Section 1: General Information	
[X] RTR Examination [ ] RTR Replicate Scan [ ] RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-RTR2-15-0001
Examination Date:	2/11/2015
Waste Container ID:	59454
Video/Audio Recorded Media Number:	LA-RTR2-15-0001 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 15
NCR(s) associated with the container? (e.g., Prohibited Items)	[X] No [ ] Yes NCR No.: N/A NCR No.: N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA225
Waste Matrix Code:	S5400
Waste Stream I.D.:	LA-MHD01.001
Waste Container Weights:	Gross Wt.: 31.0 kg Tare Wt.: 27.7 kg Net Wt.: 3.3 kg
Rigid Liner and Liner Vent Description:	Liner: [X] No [ ] Yes Lid: [X] No [ ] Yes Type: [ ] 30-mil [ ] 90-mil [ ] 110-mil [ ] 125-mil Vented: [ ] No [ ] Yes [X] N/A Punctured: [X] No [ ] Yes Mechanical Vent: [X] No [ ] Yes Fiberboard Liner: [X] No [ ] Yes Lead Lined: [X] No [ ] Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	20 %

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 3: Container Inventory and Comments (Detailed descriptions)
IM: metal cans, scrap metal, metal lid
AM:
OM: Scrap lead
OI:
C:
R:
XPM: Plastic bags
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	0.8
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	3.3

CCP Radiography Data Sheet

Waste Container ID: 59454

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☒ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☒ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☒ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☒ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☒ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☒ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☒ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☒ No
Is there an indication of PCBs liquids?	☐ Yes ☒ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☒ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☒ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☒ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☒ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☒ No
Are there indications of inadequate protection for heavy and/or sharp objects?	☐ Yes ☒ No

Comments: ~~N/A~~ JAE 5/6/15 JAE 5/6/15
THIS DRUM CONTAINS METAL CANS WITH MATERIAL, WHICH MAY REQUIRE ADDITION PROJECT OFFICE REVIEW.

RTR Operator:		5/6/15
Aaron Elliott		2/11/2015
Print Name	Signature	Date

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-RTR2-15-0001

Description			
1.	Were data generation and reduction conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES
2.	Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 15	☐ NO	☑ YES
3.	Are the WMPs entered correctly?	☐ NO	☑ YES
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	☐ NO	☑ YES
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	☐ NO	☑ YES
6.	Was transcription used? If no, proceed to question 7.	☑ NO	☐ YES
	6a. Has the data been verified for transcription errors?	☐ NO	☐ YES
7.	*Does the Testing Batch Report include radiography for up to 20 containers?*	☐ NO	☑ YES
8.	Are BDR contents complete and do they match the CCP Waste RTR Batch Data Report Table of Contents?	☐ NO	☑ YES
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES
10.	Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES
11.	Have changes been made to original data? If no, proceed to question 12.	☐ NO	☑ YES
	11a. Have all changes to original data been lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES
	11b. Was justification made for changing the original data?	☑ NO	☐ YES
	11c. Were data changes made by the individual who originally collected the data?	☐ NO	☑ YES
12.	Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES
13.	Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES
14.	Is there an adequate written description of the contents of each item?	☐ NO	☑ YES
15.	Was the *video/audio recording media properly prepared and labeled for* each waste container?	☐ NO	☑ YES
16.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-RTR2-15-0001

Description		
17. Was the Image Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES
18. Was the Replicate Scan performed and recorded on an Attachment 2?	☐ NO	☑ YES
19. Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES
20. Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES
21. Was the Independent Observation performed and recorded on an Attachment 2?	☐ NO	☑ YES
22. Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES
23. Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES
24. Was the data collection performed by qualified individuals?	☐ NO	☑ YES
25. Were NCRs initiated as required at DGL? If no, proceed to question 26.	☑ NO	☐ YES
25a. Have the NCR(s) associated with RTR been included in the BDR?	☐ NO	☐ YES
26. Is the RTR examination for CH waste? If no, proceed to question 27.	☐ NO	☑ YES
26a. Have the CH Quality Assurance Objectives (QAOs) been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two radiography operators with regard to identification of the waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases through independent replicate scans and independent observations. Additionally, the precision of radiography is verified prior to use by tuning precisely enough to demonstrate compliance with QAOs through viewing an image test pattern. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify 100 percent of the items required to meet the DQOs for radiography specified in CCP-PO-001, Section C-4a(1) in a training container during their initial qualification and subsequent requalification. Completeness – A video and audio media recording of the radiography examination and a validated radiography data form will be obtained for 100 percent of the waste containers subject to radiography. All video and audio media recordings and radiography data forms will be subject to validation as indicated in CCP-PO-001, Section C3-4. Comparability – The comparability of radiography data from different operators shall be enhanced by using standardized radiography procedures and operator qualifications.	☐ NO	☑ YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.: LA-RTR2-15-0001

Description		
27. Is the RTR examination for RH waste? If no, proceed to comment section.	☑ NO	☐ YES
27a. Have the RH QAOs been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two operators (during Independent Observation and Replicate scans) with regard to the identification of important waste characteristics (i.e., physical form of the waste and absence of prohibited liquids) within a single container. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify prohibited liquid in a training container during their initial qualification and subsequent requalification. Representativeness – All of the relevant contents in a container selected for radiography will be described. Completeness – All of the relevant waste information must be assembled and must show that each of the containers in the waste stream belongs to the waste stream. This information must be documented on videotape or other equivalent media and data form. Comparability – Comparability is ensured by meeting the program training requirements and complying with the minimum standards used to implement the radiography process.	☐ NO	☐ YES

Comments: N/A

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Printed Name	Signature	Date
SHAD HASSELSTROM	Shad Hasselstrom	5-6-15

DIVIDER

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Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-13-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	SPM CHECKLIST NDE RTR2	05-13-15	3
LA-RTR2-15-0001	BDR FOR NDE RTR2	02-11-15	21
LA-RTR2-15-0001	PRIMARY DVD A FOR NDE RTR2	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

	Signature	Printed Name	Date
Records Accepted ☑	[signature]	Jewell Hurrabe	05/18/2015
Records Rejected ☐			

Reason for Rejection:

Re-submittal:

Signature	Printed Name	Date

****
*** Send Results ***
****

Sending is complete.

Job No.	4798
Address	915056656753
Name	TERRI ANN
Start Time	05/18 01:49 PM
Call Length	00'17
Sheets	1
Result	OK

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

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Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
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	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-13-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	SPM CHECKLIST NDE RTR2	05-13-15	3
LA-RTR2-15-0001	BDR FOR NDE RTR2	02-11-15	21
LA-RTR2-15-0001	PRIMARY DVD A FOR NDE RTR2	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted ☑	Signature	Jewell Hurrable	05/18/2015
		Printed Name	Date
Records Rejected ☐	Signature	Printed Name	Date

Reason for Rejection:

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-06-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	BACKUP DVD B FOR RTR	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)

Acceptance/Rejection Signature and Date

Records Accepted ☑	[signature]	Jewell Hurrelde	5/18/15
	Signature	Printed Name	Date
Records Rejected ☐			
	Signature	Printed Name	Date

Reason for Rejection:

Re-submittal:			
	Signature	Printed Name	Date

****
*** Send Results ***
****

Sending is complete.

Job No.	4788
Address	915056656753
Name	TERRI ANN
Start Time	05/18 01:08 PM
Call Length	00'17
Sheets	1
Result	OK

Controlled Copy

CCP-QP-008, Rev. 24 **Effective Date: 02/10/2015**
CCP Records Management **Page 35 of 35**

Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:	CCP RECORDS	From:	RANADA T BACA
Ship to:	4021 NATIONAL PARKS HWY	Site:	LANL TA-54 BLD 533 RM 1017
	CARLSBAD, NM 88220	Company:	TFE, INC
	GSA-212	Telephone Number:	505-667-0181
	N/A	Date Sent:	05-06-15
Telephone Number:	505-234-7523		

Document Number	Title / Description	Record Date	Total Pages
LA-RTR2-15-0001	BACKUP DVD B FOR RTR	02-11-15	N/A
	N/A		

Comments

N/A

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted ☑	[signature]	Ranada T Baca	5/18/15
	Signature	Printed Name	Date
Records Rejected ☐			
	Signature	Printed Name	Date

Reason for Rejection:

RTR2

COPY

Central Characterization Program Effective Date: 09/10/2014	RTR-02, Rev. 6 Page 1 of 7

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Aaron Elliott

Education/Experience		
Resume documenting education on file with Central Characterization Program (CCP) Training.		Cheryl Almaguer 02-02-15 CCP Training Date
National Standard Requirements		
SNT-TC-1A Requirements	1. Real-Time Radiography (RTR) NDT Level II (L) certification from an approved vendor. *(Always Required)*	Cheryl Almaguer 02-02-15 CCP Training Date
	2. Eye Examination: *(Always Required)* Jaeger Test (J-2) Date: 01-22-15 Color Vision or Gray Scale Test Date: 01-22-15	Cheryl Almaguer 02-02-15 CCP Training Date
Job Specific Training		
☐ **Initial Qualification**	☑ **Requalification**	☐ **Full Requalification**
Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.	
Requalification Requirements	Items required for requalification are identified by text.	

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Aaron Elliott

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. DOE/WIPP 02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
2. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
3. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
4. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
5. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
6. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (TRAMPAC)*
7. CCP-PO-005, *CCP Conduct of Operations*
8. CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control*
9. CCP-QP-002, *CCP Training and Qualification Plan*
10. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
11. CCP-QP-008, *CCP Records Management*
12. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
13. CCP-TP-053, *CCP Standard Real-Time Radiography (RTR) Inspection Procedure*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	NA	
	Trainee	Date

Document	Additional Training Requirements		
CCP-PO-001	1. WAP/QAPjP Briefing & Exam *(One-time Requirement)*	Cheryl Arrigo	02-02-15
		CCP Training	Date
CCP-RTR-101	2. Real-Time Radiography (RTR) TRU Waste Characterization Briefing *(Always Required)*	Cheryl Arrigo	02-02-15
		CCP Training	Date
CCP-QP-002	3. RTR Comprehensive Exam *(Always Required)*	Cheryl Arrigo	02-02-15
		CCP Training	Date
	4. Test Drum (WAC) *(Always Required)*	Cheryl Arrigo	02-02-15
		CCP Training	Date
	5. Training Container[1] *(Always Required)*	Cheryl Arrigo	02-02-15
		CCP Training	Date

[1] The Training Container meets the requirements of the Test Drum defined in the WCPIP.

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Aaron Elliott

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance Objectives (QAOs) validated by RTR.	
CCP-PO-001	2. List the Data Quality Objectives (DQOs) of RTR.	
CCP-QP-002	3. State the purpose of the List of Qualified Individuals (LOQI).	
	4. State the requirements for performing the Test demonstration.	
	5. State the requirements for performing the Training Demonstration.	
CCP-QP-005	6. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	N/A
	7. Describe how nonconforming items are documented.	
	8. Describe how nonconforming items are controlled to prevent their use.	
	9. State who has the responsibility to validate the NCR once initiated.	
	10. Describe how to revise an NCR.	1-28-15
	11. Describe how to void an NCR.	
WP 15-GM1002	12. Describe the purpose of the WIPP Form process.	
	13. State the person responsible for originating a WIPP Form.	
	14. Describe how WIPP Forms are documented.	
	15. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	
	16. Describe actions personnel may take when conditions adverse to quality are discovered.	

Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Aaron Elliott

CCP-QP-008	17. List the responsibilities of record generators.	
	18. State the storage and control requirements for records.	
	19. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	20. State the importance of using approved documents.	
	21. State when to verify a document revision.	
CCP-TP-053/ CCP-RTR-101 Briefing	22. Explain the purpose of RTR.	N/A
	23. State the required information on the video/audio recording media labels.	
	24. Explain when the image test pattern/lines-pairs resolution test and checking the audio recording must be performed.	N/A
	25. State the passing requirements for the lines-pair resolution test.	1 - 28-21
	26. Describe the unit of measurement for weights to be recorded for RTR.	
	27. Describe where to obtain the tare weight of a waste container..	
	28. Describe where to obtain the gross weight of a waste container.	
	29. Describe how to determine the Volume Utilization Percentage (VUP).	
	30. Define the increments in which the fill percent are recorded.	
	31. State the percentage of the container volume that must be examined.	
	32. State the waste material parameters (WMP).	
	33. Define "layers of confinement".	

Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Aaron Elliott

	34. Describe acceptable liquids.	
	35. State the total volume of acceptable liquid that must not be exceeded in the characterized container.	
	36. Describe the actions taken if prohibited items are found.	
	37. Describe the information that should be recorded when describing waste items.	N/A
	38. Discuss the requirements for packaging of sharp or heavy objects.	N/A
	39. State when an unvented, unpunctured, internal container is allowed.	1-28-15
	40. State the number of waste containers allowed per Batch Data Report (BDR).	
	41. State when the replicate scan occurs and who performs it.	
	42. State when the independent observation occurs and who performs it.	
	43. State the responsibilities and function of the Independent Technical Reviewer (ITR).	
	44. Explain who is allowed to make data changes on data sheets.	
	45. Describe what constitutes a data affecting change.	

Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Aaron Elliott

Formal Training	OJT Practical Requirements *(Always Required)*	SME/OJT Signature/Date
CCP-TP-053	1. Perform image test pattern/lines-pair resolution test.	1-27-15
	2. Perform an RTR examination.	1-28-15
	3. Determine the VUP.	1-28-15
	4. Determine layers of confinement.	1-28-15
	5. Determine WMP.	1-28-15
	6. Estimate weight of each WMP.	1-28-15
	7. Verify the physical form of the waste matches the waste description.	1-28-15
	8. Complete an RTR data sheet.	1-28-15
	9. Perform an independent observation.	1-28-15
	10. Assemble a Batch Data Report (BDR).	1-28-15
	11. Complete an ITR review.	1-28-15
	12. Demonstrate how to make changes/corrections to a BDR.	1-28-15

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Aaron Elliott

	Approvals
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a RTR Operator/ITR.	AARON ELLIOTT — Trainee *(printed name and signature)* — Date: 1-28-15
I have monitored the training of this individual and believe they are ready to perform the duties of a RTR Operator/ITR. *(Validation by the SME/OJT instructor(s) involved in the training of this individual)*	FRED ONEY — SME/OJT Instructor *(printed name and signature)* — Date: 1-28-15
	N/A — SME/OJT Instructor *(printed name and signature)* — Date: 1-28-15
I have evaluated the training documentation and determined this individual meets the requirements for certification as a RTR Operator/ITR.	Andrew Stallings — Cognizant Engineer *(printed name and signature)* — Date: 2-2-15
I approve this employee to perform the duties of a RTR Operator/ITR.	Catalina Soatena Cardinfatena — SPM *(printed name and signature)* — Date: 2/2/15

Approved for Content & Format:	**Fred Oney *(Approval on File)*** — SME/OJT	**09/10/2014** — Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)*** — Cognizant Engineer	**09/10/2014** — Date
Approved for Content:	**Mike Ramirez *(Approval on File)*** — SPM	**09/10/2014** — Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)*** — Manager Responsible for Training	**09/10/2014** — Date

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Thad Hasselstrom

Education/Experience

Resume documenting education on file with Central Characterization Program (CCP) Training.	Cheryl Arrigo 03-06-15 CCP Training Date

National Standard Requirements

SNT-TC-1A Requirements	1. Real-Time Radiography (RTR) NDT Level II (L) certification from an approved vendor. *(Always Required)*	Cheryl Arrigo 03-06-15 CCP Training Date
	2. Eye Examination: *(Always Required)* Jaeger Test (J-2) Date: 01-22-15 Color Vision or Gray Scale Test Date: 01-22-15	Cheryl Arrigo 03-06-15 CCP Training Date

Job Specific Training

☐ **Initial Qualification** ☐ **Requalification** ☑ **Full Requalification**

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.
Requalification Requirements	Items required for requalification are identified by text.

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Thad Hasselstrom

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. DOE/WIPP 02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
2. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
3. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
4. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
5. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
6. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (TRAMPAC)*
7. CCP-PO-005, *CCP Conduct of Operations*
8. CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control*
9. CCP-QP-002, *CCP Training and Qualification Plan*
10. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
11. CCP-QP-008, *CCP Records Management*
12. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
13. CCP-TP-053, *CCP Standard Real-Time Radiography (RTR) Inspection Procedure*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.

Trainee — Date: 1-28-15

Document	Additional Training Requirements		
CCP-PO-001	1. WAP/QAPjP Briefing & Exam *(One-time Requirement)*	CCP Training	Date: 03-06-15
CCP-RTR-101	2. Real-Time Radiography (RTR) TRU Waste Characterization Briefing *(Always Required)*	CCP Training	Date: 03-06-15
CCP-QP-002	3. RTR Comprehensive Exam *(Always Required)*	CCP Training	Date: 03-06-15
	4. Test Drum (WAC) *(Always Required)*	CCP Training	Date: 03-11-15
	5. Training Container[1] *(Always Required)*	CCP Training	Date: 05-05-15

[1] The Training Container meets the requirements of the Test Drum defined in the WCPIP.

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Thad Hasselstrom

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance Objectives (QAOs) validated by RTR.	JaElliott 2/19/15
CCP-PO-001	2. List the Data Quality Objectives (DQOs) of RTR.	JaElliott 2/19/15
CCP-QP-002	3. State the purpose of the List of Qualified Individuals (LOQI).	JaElliott 2/19/15
	4. State the requirements for performing the Test demonstration.	JaElliott 2/19/15
	5. State the requirements for performing the Training Demonstration.	JaElliott 2/19/15
CCP-QP-005	6. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	JaElliott 2/4/15
	7. Describe how nonconforming items are documented.	JaElliott 2/19/15
	8. Describe how nonconforming items are controlled to prevent their use.	JaElliott 2/19/15
	9. State who has the responsibility to validate the NCR once initiated.	JaElliott 2/4/15
	10. Describe how to revise an NCR.	JaElliott 2/4/15
	11. Describe how to void an NCR.	JaElliott 2/19/15
WP 15-GM1002	12. Describe the purpose of the WIPP Form process.	JaElliott 2/19/15
	13. State the person responsible for originating a WIPP Form.	JaElliott 2/19/15
	14. Describe how WIPP Forms are documented.	JaElliott 2/19/15
	15. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	JaElliott 2/19/15
	16. Describe actions personnel may take when conditions adverse to quality are discovered.	JaElliott 2/19/15

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Thad Hasselstrom

CCP-QP-008	17. List the responsibilities of record generators.	JaEllott	2/4/15
	18. State the storage and control requirements for records.	JaEllott	2/4/15
	19. Explain the process and proper method to make corrections or revisions to records.	JaEllott	2/4/15
CCP-QP-010	20. State the importance of using approved documents.	JaEllott	2/19/15
	21. State when to verify a document revision.	JaEllott	2/4/15
CCP-TP-053/ CCP-RTR-101 Briefing	22. Explain the purpose of RTR.	JaEllott	2/19/15
	23. State the required information on the video/audio recording media labels.	JaEllott	2/3/15
	24. Explain when the image test pattern/lines-pairs resolution test and checking the audio recording must be performed.	JaEllott	2/3/15
	25. State the passing requirements for the lines-pair resolution test.	JaEllott	2/3/15
	26. Describe the unit of measurement for weights to be recorded for RTR.	JaEllott	2/3/15
	27. Describe where to obtain the tare weight of a waste container.	JaEllott	2/3/15
	28. Describe where to obtain the gross weight of a waste container.	JaEllott	2/3/15
	29. Describe how to determine the Volume Utilization Percentage (VUP).	JaEllott	2/3/15
	30. Define the increments in which the fill percent are recorded.	JaEllott	2/3/15
	31. State the percentage of the container volume that must be examined.	JaEllott	2/3/15
	32. State the waste material parameters (WMP).	JaEllott	2/4/15
	33. Define "layers of confinement".	JaEllott	2/8/15

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Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Thad Hasselstrom

	34. Describe acceptable liquids.	JaElliott	2/19/15
	35. State the total volume of acceptable liquid that must not be exceeded in the characterized container.	JaElliott	2/4/15
	36. Describe the actions taken if prohibited items are found.	JaElliott	2/3/15
	37. Describe the information that should be recorded when describing waste items.	JaElliott	2/4/15
	38. Discuss the requirements for packaging of sharp or heavy objects.	JaElliott	2/3/15
	39. State when an unvented, unpunctured, internal container is allowed.	JaElliott	2/3/15
	40. State the number of waste containers allowed per Batch Data Report (BDR).	JaElliott	2/3/15
	41. State when the replicate scan occurs and who performs it.	JaElliott	2/3/15
	42. State when the independent observation occurs and who performs it.	JaElliott	2/3/15
	43. State the responsibilities and function of the Independent Technical Reviewer (ITR).	JaElliott	2/19/15
	44. Explain who is allowed to make data changes on data sheets.	JaElliott	2/4/15
	45. Describe what constitutes a data affecting change.	JaElliott	2/19/15

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Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Thad Hasselstrom

Formal Training	OJT Practical Requirements *(Always Required)*	SME/OJT Signature/Date
CCP-TP-053	1. Perform image test pattern/lines-pair resolution test.	JaElliott 3/4/15
	2. Perform an RTR examination.	JaElliott 2/19/15
	3. Determine the VUP.	JaElliott 2/19/15
	4. Determine layers of confinement.	JaElliott 2/19/15
	5. Determine WMP.	JaElliott 2/19/15
	6. Estimate weight of each WMP.	JaElliott 2/19/15
	7. Verify the physical form of the waste matches the waste description.	JaElliott 2/19/15
	8. Complete an RTR data sheet.	JaElliott 2/19/15
	9. Perform an independent observation.	JaElliott 2/19/15
	10. Assemble a Batch Data Report (BDR).	JaElliott 2/19/15
	11. Complete an ITR review.	JaElliott 2/23/15
	12. Demonstrate how to make changes/corrections to a BDR.	JaElliott 2/19/15

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Thad Hasselstrom

Approvals		
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a RTR Operator/ITR.	THAD HASSELSTROM Thad Hasselstrom Trainee *(printed name and signature)*	3-4-15 Date
I have monitored the training of this individual and believe they are ready to perform the duties of a RTR Operator/ITR. *(Validation by the SME/OJT instructor(s) involved in the training of this individual).*	AARON ELLIOTT SME/OJT Instructor *(printed name and signature)*	3/4/15 Date
	N/A SME/OJT Instructor *(printed name and signature)*	Date
I have evaluated the training documentation and determined this individual meets the requirements for certification as a RTR Operator/ITR.	Shelly Martinez Cognizant Engineer *(printed name and signature)*	5/5/15 Date
I approve this employee to perform the duties of a RTR Operator/ITR.	Richard Kantrowitz SPM *(printed name and signature)*	5/5/15 Date

Approved for Content & Format:	**Fred Oney *(Approval on File)*** SME/OJT	**09/10/2014** Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)*** Cognizant Engineer	**09/10/2014** Date
Approved for Content:	**Mike Ramirez *(Approval on File)*** SPM	**09/10/2014** Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)*** Manager Responsible for Training	**09/10/2014** Date

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Central Characterization Program Effective Date: 09/10/2014	RTR-02, Rev. 6 Page 1 of 7

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Benito Maestas

Education/Experience

Resume documenting education on file with Central Characterization Program (CCP) Training.	Cheryl Arrington CCP Training	11-19-14 Date

National Standard Requirements

SNT-TC-1A Requirements	1. Real-Time Radiography (RTR) NDT Level II (L) certification from an approved vendor. *(Always Required)*	Cheryl Arrington 11-19-14 CCP Training Date
	2. Eye Examination: *(Always Required)* Jaeger Test (J-2) Date: 06-26-14 Color Vision or Gray Scale Test Date: 06-26-14	Cheryl Arrington 11-19-14 CCP Training Date

Job Specific Training

☐ **Initial Qualification** ☑ **Requalification** ☐ **Full Requalification**

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.
Requalification Requirements	Items required for requalification are identified by text.

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Benito Maestas

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. DOE/WIPP 02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
2. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
3. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
4. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
5. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
6. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (TRAMPAC)*
7. CCP-PO-005, *CCP Conduct of Operations*
8. CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control*
9. CCP-QP-002, *CCP Training and Qualification Plan*
10. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
11. CCP-QP-008, *CCP Records Management*
12. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
13. CCP-TP-053, *CCP Standard Real-Time Radiography (RTR) Inspection Procedure*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	NA	
	Trainee	Date

Document	Additional Training Requirements		
CCP-PO-001	1. WAP/QAPjP Briefing & Exam *(One-time Requirement)*	Cheryl Arrigo	11-19-14
		CCP Training	Date
CCP-RTR-101	2. Real-Time Radiography (RTR) TRU Waste Characterization Briefing. *(Always Required)*	Cheryl Arrigo	11-19-14
		CCP Training	Date
CCP-QP-002	3. RTR Comprehensive Exam *(Always Required)*	Cheryl Arrigo	11-19-14
		CCP Training	Date
	4. Test Drum (WAC) *(Always Required)*	Cheryl Arrigo	11-19-14
		CCP Training	Date
	5. Training Container[1] *(Always Required)*	Cheryl Arrigo	11-19-14
		CCP Training	Date

[1] The Training Container meets the requirements of the Test Drum defined in the WCPIP.

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Benito Maestas

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance Objectives (QAOs) validated by RTR.	
CCP-PO-001	2. List the Data Quality Objectives (DQOs) of RTR.	
CCP-QP-002	3. State the purpose of the List of Qualified Individuals (LOQI).	
	4. State the requirements for performing the Test demonstration.	
	5. State the requirements for performing the Training Demonstration.	
CCP-QP-005	6. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	7. Describe how nonconforming items are documented.	
	8. Describe how nonconforming items are controlled to prevent their use.	
	9. State who has the responsibility to validate the NCR once initiated.	
	10. Describe how to revise an NCR.	
	11. Describe how to void an NCR.	
WP 15-GM1002	12. Describe the purpose of the WIPP Form process.	
	13. State the person responsible for originating a WIPP Form.	
	14. Describe how WIPP Forms are documented.	
	15. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	
	16. Describe actions personnel may take when conditions adverse to quality are discovered.	

NOT N/A NEED @ PDR 9/30/14 REQUALIFICATION

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Benito Maestas

CCP-QP-008	17. List the responsibilities of record generators.	
	18. State the storage and control requirements for records.	
	19. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	20. State the importance of using approved documents.	
	21. State when to verify a document revision.	
CCP-TP-053/ CCP-RTR-101 Briefing	22. Explain the purpose of RTR.	
	23. State the required information on the video/audio recording media labels.	N/A NOT NEEDED FOR REQUALIFICATION
	24. Explain when the image test pattern/lines-pairs resolution test and checking the audio recording must be performed.	
	25. State the passing requirements for the lines-pair resolution test.	
	26. Describe the unit of measurement for weights to be recorded for RTR.	
	27. Describe where to obtain the tare weight of a waste container.	
	28. Describe where to obtain the gross weight of a waste container.	
	29. Describe how to determine the Volume Utilization Percentage (VUP).	
	30. Define the increments in which the fill percent are recorded.	
	31. State the percentage of the container volume that must be examined.	
	32. State the waste material parameters (WMP).	
	33. Define "layers of confinement".	

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Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Benito Maestas

	34. Describe acceptable liquids.	
	35. State the total volume of acceptable liquid that must not be exceeded in the characterized container.	
	36. Describe the actions taken if prohibited items are found.	
	37. Describe the information that should be recorded when describing waste items.	
	38. Discuss the requirements for packaging of sharp or heavy objects.	N/A NOT NEED FOR RECERTIFICATION
	39. State when an unvented, unpunctured, internal container is allowed.	
	40. State the number of waste containers allowed per Batch Data Report (BDR).	
	41. State when the replicate scan occurs and who performs it.	9/02/14
	42. State when the independent observation occurs and who performs it.	
	43. State the responsibilities and function of the Independent Technical Reviewer (ITR).	
	44. Explain who is allowed to make data changes on data sheets.	
	45. Describe what constitutes a data affecting change.	

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Benito Maestas

Formal Training	OJT Practical Requirements *(Always Required)*	SME/OJT Signature/Date
CCP-TP-053	1. Perform image test pattern/lines-pair resolution test.	9/16/14
	2. Perform an RTR examination.	9/22/14
	3. Determine the VUP.	9/22/14
	4. Determine layers of confinement.	9/22/14
	5. Determine WMP.	9/22/14
	6. Estimate weight of each WMP.	9/22/14
	7. Verify the physical form of the waste matches the waste description.	9/22/14
	8. Complete an RTR data sheet.	9/22/14
	9. Perform an independent observation.	9/22/14
	10. Assemble a Batch Data Report (BDR).	9/22/14
	11. Complete an ITR review.	9/22/14
	12. Demonstrate how to make changes/corrections to a BDR.	9/22/14

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Benito Maestas

Approvals		
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a RTR Operator/ITR.	Benito MAESTAS	9.22.14
	Trainee *(printed name and signature)*	Date
I have monitored the training of this individual and believe they are ready to perform the duties of a RTR Operator/ITR. *(Validation by the SME/OJT instructor(s) involved in the training of this individual).*	Aaron Elliott	9/22/14
	SME/OJT Instructor *(printed name and signature)*	Date
	NA	
	SME/OJT Instructor *(printed name and signature)*	Date
I have evaluated the training documentation and determined this individual meets the requirements for certification as a RTR Operator/ITR.	Andrew Stallings	11-25-14
	Cognizant Engineer *(printed name and signature)*	Date
I approve this employee to perform the duties of a RTR Operator/ITR.	Carolina Sotelo	11/25/14
	SPM *(printed name and signature)*	Date

Approved for Content & Format:	**Fred Oney *(Approval on File)***	**09/10/2014**
	SME/OJT	Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)***	**09/10/2014**
	Cognizant Engineer	Date
Approved for Content:	**Mike Ramirez *(Approval on File)***	**09/10/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)***	**09/10/2014**
	Manager Responsible for Training	Date

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Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Michael Simmons

Education/Experience		
Resume documenting education on file with Central Characterization Program (CCP) Training.		Cheryl Almijo 10-29-14 CCP Training Date
National Standard Requirements		
SNT-TC-1A Requirements	1. Real-Time Radiography (RTR) NDT Level II (L) certification from an approved vendor. *(Always Required)*	Cheryl Almijo 10-29-14 CCP Training Date
	2. Eye Examination: *(Always Required)* Jaeger Test (J-2) Date: 12-10-13 Color Vision or Gray Scale Test Date: 12-10-13	Cheryl Almijo 10-29-14 CCP Training Date
Job Specific Training		

☐ **Initial Qualification** ☑ **Requalification** ☐ **Full Requalification**

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.
Requalification Requirements	Items required for requalification are identified by text.

Real-Time Radiography (RTR) Operator/Independent Technical Reviewer (ITR) Qualification Card

Name: Michael Simmons

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. DOE/WIPP 02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
2. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
3. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
4. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
5. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
6. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (TRAMPAC)*
7. CCP-PO-005, *CCP Conduct of Operations*
8. CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control*
9. CCP-QP-002, *CCP Training and Qualification Plan*
10. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
11. CCP-QP-008, *CCP Records Management*
12. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
13. CCP-TP-053, *CCP Standard Real-Time Radiography (RTR) Inspection Procedure*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	NOT REQUIRED FOR REQUALIFICATION JAE 10/16/14
	Trainee — Date

Document	Additional Training Requirements		
CCP-PO-001	1. WAP/QAPjP Briefing & Exam *(One-time Requirement)*	Cheryl Arruiz	10-29-14
		CCP Training	Date
CCP-RTR-101	2. Real-Time Radiography (RTR) TRU Waste Characterization Briefing. *(Always Required)*	Cheryl Arruiz	10-29-14
		CCP Training	Date
CCP-QP-002	3. RTR Comprehensive Exam *(Always Required)*	Cheryl Arruiz	10-29-14
		CCP Training	Date
	4. Test Drum (WAC) *(Always Required)*	Cheryl Arruiz	10-29-14
		CCP Training	Date
	5. Training Container[1] *(Always Required)*	Cheryl Arruiz	10-29-14
		CCP Training	Date

[1] The Training Container meets the requirements of the Test Drum defined in the WCPIP.

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Michael Simmons

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance Objectives (QAOs) validated by RTR.	
CCP-PO-001	2. List the Data Quality Objectives (DQOs) of RTR.	
CCP-QP-002	3. State the purpose of the List of Qualified Individuals (LOQI).	
	4. State the requirements for performing the Test demonstration.	
	5. State the requirements for performing the Training Demonstration.	
CCP-QP-005	6. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	7. Describe how nonconforming items are documented.	
	8. Describe how nonconforming items are controlled to prevent their use.	
	9. State who has the responsibility to validate the NCR once initiated.	
	10. Describe how to revise an NCR.	
	11. Describe how to void an NCR.	
WP 15-GM1002	12. Describe the purpose of the WIPP Form process.	
	13. State the person responsible for originating a WIPP Form.	
	14. Describe how WIPP Forms are documented.	
	15. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	
	16. Describe actions personnel may take when conditions adverse to quality are discovered.	

NOT REQUIRED FOR REQUALIFICATION
Joe 10/16/14

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Michael Simmons

CCP-QP-008	17. List the responsibilities of record generators.	
	18. State the storage and control requirements for records.	
	19. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	20. State the importance of using approved documents.	
	21. State when to verify a document revision.	
CCP-TP-053/ CCP-RTR-101 Briefing	22. Explain the purpose of RTR.	
	23. State the required information on the video/audio recording media labels.	
	24. Explain when the image test pattern/lines-pairs resolution test and checking the audio recording must be performed.	
	25. State the passing requirements for the lines-pair resolution test.	
	26. Describe the unit of measurement for weights to be recorded for RTR.	
	27. Describe where to obtain the tare weight of a waste container.	
	28. Describe where to obtain the gross weight of a waste container.	
	29. Describe how to determine the Volume Utilization Percentage (VUP).	
	30. Define the increments in which the fill percent are recorded.	
	31. State the percentage of the container volume that must be examined.	
	32. State the waste material parameters (WMP).	
	33. Define "layers of confinement".	

NOT REQUIRED FOR REQUALIFICATION

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Michael Simmons

	34. Describe acceptable liquids.	
	35. State the total volume of acceptable liquid that must not be exceeded in the characterized container.	
	36. Describe the actions taken if prohibited items are found.	
	37. Describe the information that should be recorded when describing waste items.	
	38. Discuss the requirements for packaging of sharp or heavy objects.	
	39. State when an unvented, unpunctured, internal container is allowed.	
	40. State the number of waste containers allowed per Batch Data Report (BDR).	
	41. State when the replicate scan occurs and who performs it.	
	42. State when the independent observation occurs and who performs it.	
	43. State the responsibilities and function of the Independent Technical Reviewer (ITR).	
	44. Explain who is allowed to make data changes on data sheets.	
	45. Describe what constitutes a data affecting change.	

NOT REQUIRED FOR REQUALIFICATION JE 10/8/14

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Michael Simmons

Formal Training	OJT Practical Requirements *(Always Required)*	SME/OJT Signature/Date
CCP-TP-053	1. Perform image test pattern/lines-pair resolution test.	10/15/14
	2. Perform an RTR examination.	10/16/14
	3. Determine the VUP.	10/16/14
	4. Determine layers of confinement.	10/16/14
	5. Determine WMP.	10/16/14
	6. Estimate weight of each WMP.	10/16/14
	7. Verify the physical form of the waste matches the waste description.	10/16/14
	8. Complete an RTR data sheet.	10/16/14
	9. Perform an indcpendent observation.	10/16/14
	10. Assemble a Batch Data Report (BDR).	10/14/14
	11. Complete an ITR review.	10/14/14
	12. Demonstrate how to make changes/corrections to a BDR.	10/14/14

Real-Time Radiography (RTR)
Operator/Independent Technical Reviewer (ITR)
Qualification Card

Name: Michael Simmons

	Approvals
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a RTR Operator/ITR.	Michael Simmons — 10/16/14 Trainee *(printed name and signature)* — Date
I have monitored the training of this individual and believe they are ready to perform the duties of a RTR Operator/ITR. *(Validation by the SME/OJT instructor(s) involved in the training of this individual).*	AARON ELLIOT — 10/16/14 SME/OJT Instructor *(printed name and signature)* — Date
	NA SME/OJT Instructor *(printed name and signature)* — Date
I have evaluated the training documentation and determined this individual meets the requirements for certification as a RTR Operator/ITR.	Andrew Stallings — 10/30/14 Cognizant Engineer *(printed name and signature)* — Date
I approve this employee to perform the duties of a RTR Operator/ITR.	Carolina Soderna — 10/30/14 SPM *(printed name and signature)* — Date

Approved for Content & Format:	**Fred Oney** *(Approval on File)* SME/OJT	09/10/2014 Date
Approved for Applicability, Content & Format:	**Andrew Stallings** *(Approval on File)* Cognizant Engineer	09/10/2014 Date
Approved for Content:	**Mike Ramirez** *(Approval on File)* SPM	09/10/2014 Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher** *(Approval on File)* Manager Responsible for Training	09/10/2014 Date

Table C6-4 Visual Examination (VE) Checklist
CCP/LANL Recertification Audit A-15-21
September 1-3, 2015

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Visual Examination (VE) Checklist

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-4 Visual Examination (VE) Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
	TRAINING					
296 VE	Is there documentation which shows that a standardized training program for visual examination operators has been developed? Is it specific to the site and include the various waste configurations generated/stored at the site? (Section C1-2)	CCP-QP-002, S. 1.1 S. 4.1 S. 4.8.5 Att.1 CCP-TP-113, S. 2.2 CCP-TP-069, S. 2.2 CCP-TP-101, S. 2.2	Y	Training files for 8 VE operators. **(VE-2)**	Y	
297 VE	Is there documentation which shows that the visual examination operators receive training on the specific waste generating processes, typical packaging configurations, and waste material parameters expected to be found in each Waste Matrix Code at the site? (Section C1-2)	CCP-QP-002, S. 1.1 S. 4.1 S. 4.8.5 Att.1 CCP-TP-113, S. 2.2 CCP-TP-069, S. 2.2 CCP-TP-101, S. 2.2	Y	Training files for 8 VE operators. **(VE-2)**	Y	
298 VE	Are the visual examination personnel requalified once every two years? (Section C1-2)	CCP-QP-002, S. 4.3.1	Y	Training files for 8 VE operators. **(VE-2)**	Y	
298a VE	Does the training include the following regardless of Summary Category Group? • Identifying and describing the contents of a waste container by examining all items in waste containers of previously packaged waste. • Identifying when VE cannot be used to meet the DQOs. (Section C1-2)	CCP-QP-002, S. 4.8.5 CCP-TP-113, S. 1.0	Y	Training files for 8 VE operators. **(VE-2)**	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-4 Visual Examination (VE) Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
		CCP-TP-069, S. 1.0				
	VISUAL EXAMINATION EXPERT REQUIREMENTS					
300 VE	Does documentation ensure that the site has designated a visual examination expert? Is the visual examination expert familiar with the waste generating processes that have taken place at the site? Is the visual examination expert familiar with all of the types of waste being characterized at that site? (Section C1-2)	CCP-QP-002, Att. 7 CCP-TP-113, S. 3.1 CCP-TP-069, S. 3.1	Y	Training files for 8 VE operators. **(VE-2)** Appointment letters for 2 VEE operators **(VE-3)**	Y	
301 VE	Does documentation ensure that the visual examination expert shall be responsible for the overall direction and implementation of the visual examination aspects of the program? Does the site's QAPjP specify the selection, qualification, and training requirements of the visual examination expert? (Section C1-2)	CCP TP-113, S. 3.1 CCP-TP-069, S. 3.1	Y	Training files for 8 VE operators. **(VE-2)** Appointment letters for 2 VEE operators **(VE-3)**	Y	
	VISUAL EXAMINATION PROCEDURES					
304 VE	Do procedures indicate that all visual examination activities are documented on video/audio media or VE performed by using a second operator to provide additional verification by reviewing the contents of the waste container to ensure correct reporting? (Section C1-2)	CCP-TP-113, S. 1.1 Att. 1&2 CCP-TP-069, S. 1.1 S. 4.1.24 Att. 4	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-012 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)**	Y	
304a VE	Are procedures in place to ensure that when VE is performed using a second operator, each operator performing VE shall observe for themselves the waste being placed in the container or the contents within the examined waste container when waste is not removed? (Section C1-2)	CCP-TP-113, S. 1.1 Att. 1 & 2 CCP-TP-069, S. 1.1 S. 4.1.24 Att. 4	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-012 LA14-OSR-VE-014 LA15-OSR-VE-001	Y	

	WAP Requirement[1] *CCP/LANL Recertification Audit A-15-21* Table C6-4 Visual Examination (VE) Checklist	Procedure Documented		Example of Implementation/ Objective Evidence, as applicable		Comment (e.g., any change in procedure since last audit, etc.)
		Location	Adequate? Y/N (Why)	Item Reviewed	Adequate? Y/N	
				LA15-OSR-VE-005 **(VE-1)**		
313 VE	Do site procedures ensure that when liquid is found, the non-transparent internal container holding the liquid will be assumed to be filled with liquid and this volume will be added to the total liquid in the container being characterized using VE? The container being characterized using VE would then be rejected and/or repackaged to exclude the internal container if it is over the TSDF-WAC limits. (Section C-3b)	CCP-TP-113, S. 4.0 NOTE, Att. 2 Table 1	Y	LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-012 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)**	Y	
	QUALITY ASSURANCE OBJECTIVES					
314 VE	Are process procedures in place to meet the following Quality Assurance Objectives? Precision • Precision is maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases. Accuracy • Accuracy is maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification. VE operators shall be requalified every two years. Completeness • A validated VE data form will be obtained for 100 percent of the waste containers subject to VE. Comparability • The comparability of VE data from different operators shall be enhanced by using standardized VE procedures and operator qualifications. (Section C3-2b)	Bullet 1 CCP-TP-113, Att. 2&3 Bullet 2 CCP-QP-002, S. 4.3.1 S. 4.8.5 Bullet 3 CCP-TP-113, Att. 1, 2 & 3 CCP-TP-069, Att. 4&7 Bullet 4 CCP-QP-002, (All) CCP-TP-113, (All) CCP-TP-069, (All)	Y	B1, 3 & 4 - LAVE550140 LAVE550149 LAVE550185 LAVE550220 LAVE030008 LA14-OSR-VE-007 LA14-OSR-VE-011 LA14-OSR-VE-012 LA14-OSR-VE-014 LA15-OSR-VE-001 LA15-OSR-VE-005 **(VE-1)** B2 - Training files for 8 VE operators. **(VE-2)**	Y	

1. The WAP requirements should be presented in documents, such as procedures. Each of the questions posed under WAP requirements is meant to ask whether procedures are in place or whether documents are evident which demonstrate that the specific WAP requirement is or can be met.

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE550140	Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014			
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67641 67645 67646 67647 67648 67649 67650 67654
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs.
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

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DATE REC'D 8/11/14

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Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550140				**Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No observable liquid.
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550140				Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not a LANL Sealed Source.
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550140				**Examination Date(s): 6/3/2013, 5/15/2014, 7/17/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			8/7/14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE550140 Examination Date: 7-17-14

	Waste Container ID Number:
1	67641
2	67645
3	67646
4	67647
5	67648
6	67649
7	67650
8	67654
9	
10	
11	
12	
13	
14	N/A
15	(J)
16	7-17-14
17	
18	
19	
20	

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	7-31-14
Print Name	Signature	Date

01

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DATE REC'D 8/4/14

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVES50140 Examination Date: 7-17-2014

Table of Contents		
Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	01
2	CCP Waste VE Batch Data Report Table of Contents	02
3	CCP Waste Visual Examination General Information Form	03
4	CCP Waste Visual Examination Data Forms	05
5	CCP Waste VE Independent Technical Reviewer Checklist	45
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550140

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 7-17-14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 100523 Calibration Due Date: 6-11-15 Operational Check: ☑ SAT ☐ UNSAT

Comments:

The VEE has determined not to use the VE scale.

Visual Examination Operator 1:		
James E. Thompson	James E. Thompson	7-17-14
Print Name	Signature	Date
Visual Examination Operator 2:		
Michael C. Trujillo	Michael C. Trujillo	7/17/14
Print Name	Signature	Date

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550140

☐ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 7-17-2014	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☒ N/A	☐ SAT
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 208622 Calibration Due Date: 6-5-2015 Operational Check: ☒ SAT ☐ UNSAT

Comments:

THE VEE HAS DETERMINED NOT TO USE THE VE SCALE.

Visual Examination Operator 1:		
JOE STEPZINSKI	Joseph D Stepzinski	7-17-2014
Print Name	Signature	Date
Visual Examination Operator 2:		
Luis Romero	Luis Romero	7-17-2014
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67641	Waste Stream ID: LA-MHD01.001	
Container Type: 55 gal. drum	TRUCON Code: LA 225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 28.3 kg.	Gross Wt: 31.5 kg.	
Rigid Liner Present? ☑ NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☑ NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A ☐ Vented: Hole Size: ☑ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☐ NO ☑ YES	Volume Utilization Percentage: 5 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-14 Filter: Model No.: Nucfil-019DS Serial No.: FN-2090 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE 550140 **Date:** 7-17-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
741955	metal can, metal lid metal floor sweepings	IM	3.0	E
741955	plastic bag, vinyl tape	PW	0.2	E
	N/A 7-17-14	JT		

N/A — VEO 1: Print Name — N/A — Signature — N/A — Date

N/A — VEO 2: Print Name — N/A — Signature — N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67641

TID Removed: N/A **TID Applied:** LANL 023674

N/A — VEO 1: Print Name — N/A — Signature — N/A — Date

N/A — VEO 2: Print Name — N/A — Signature — N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 67641

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.6
Others:	N/A
Total Packaging Weight:	28.3
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	3.0
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	3.2

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67641

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 607641

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	[signature]	7.17.14
Print Name	Signature	Date

Visual Examination Operator 2:

Michael C. Trujillo	[signature]	7/17/14
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67645	Waste Stream ID: LA-MHD01.001	
Container Type: 55GAL POC	TRUCON Code: LA225	Waste Matrix Code: 55400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 161.8 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-019DS Serial No.: LM-1154 Torque Value: 10 FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60 FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: THE VE WAS INITIATED ON CCP-TP-113 REV 16		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 6-3-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.a]	Weighing Code(s) [Table 4b]
JDS 7-17-14 938911 7 LANL 021330	ceramic pieces	OI	0.5	E
JDS 7-17-14 938911 7 LANL 021330	metal can metal lid	IM	8.7	E
JDS 7-17-14 938911 7 LANL 021330	plastic bag vinyl tape	PW	0.2	E
	N/A AH 6-3-13			

Anthony Harley — VEO 1: Print Name — Signature — 6-3-13 — Date
Robert Geyer — VEO 2: Print Name — Signature — 6-3-13 — Date
Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67645

PCI Removed: N/A **PCI Applied:** LANL 029761

JOE STEPZINSKI — VEO 1: Print Name — Signature — 7-17-2014 — Date
Luis Romero — VEO 2: Print Name — Signature — 7-17-2014 — Date
Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50140

Output Waste Container ID: 67645

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	8.7
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	9.4

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67645

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

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7-29-14

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67645

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

JOE STEPZINSKI	Joseph D Stepzinski	7-17-2014
Print Name	Signature	Date

Visual Examination Operator 2:

Luis Romero	Luis Romero	7-17-2014
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data

Input Waste Container ID, as applicable: N/A

Output Waste Container ID: 67646 | Waste Stream ID: LA-MHD01.001

Container Type: 55 GAL POC | TRUCON Code: LA225 | Waste Matrix Code: S5400

Audio/Video Media Recording Number: ☒ N/A

Waste Container Weights:
Tare Wt: 152.4 kg. Gross Wt: 157.2 kg.

Rigid Liner Present? ☐ NO ☒ YES
Type of Liner: ☐ Lead ☒ Plastic
☐ Fiberboard ☐ Other:
Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil
☐ 125-mil

Rigid Liner Lid Present? ☐ NO ☒ YES
Rigid Liner Lid is Vented (>0.3 in.) or Filtered?
☐ NO ☒ YES ☐ N/A
☒ Vented: Hole Size: 0.875 ☐ N/A
☐ Filtered: Model No.: ☒ N/A
Serial No.: ☒ N/A

Bag Liner Present? ☒ NO ☐ YES

Volume Utilization Percentage: 95 %

Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])?
☐ NO ☒ YES

Does the physical form of the waste match the Waste Matrix Code?
☐ NO ☒ YES

Closure Method: TTF
Number of Layers of Confinement: 1

Filter Torque Wrench
Serial/ID No.: 101382
Calibration Due Date: 12-4-2014
Filter: Model No.: NUCFIL-0190S
Serial No.: LM-1152
Torque Value: 10 FT/LBS

Lid Ring/Bolt Torque Wrench
Serial/ID No.: 101388
Calibration Due Date: 12-11-2014
Lid Ring/Bolt Torque Value: 60 FT/LBS

Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES

NCR(s) associated with the output container? ☒ NO ☐ YES
NCR No.: N/A
NCR No.: N/A

Comments:

N/A

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.[a]]	Weighing Code(s) [Table 4[b]]
735954 LANL 019625	salts	IN	0.2	E
735954 LANL 019625	metal can, metal lid	IM	4.4	E
735954 LANL 019625	plastic bags, vinyl tape	PW	0.2	E
	N/A (JT) 5-15-14			

James E. Thompson — Signature — 5-15-14
VEO 1: Print Name — Signature — Date

Michael C. Trujillo — Michael C. Trujillo — 5/15/14
VEO 2: Print Name — Signature — Date

Signatures annotate the absence of prohibited items. ~~LANL~~ 7-17-14

Output Waste Container ID: 67646

TID Removed: N/A **TID Applied:** LANL 029762

JOE STEPZINSKI — Joseph W Stepzinski — 7-17-2014
VEO 1: Print Name — Signature — Date

Luis Romero — Luis Romero — 7-17-2014
VEO 2: Print Name — Signature — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVESSO140

Output Waste Container ID: 67646

Section 3 - Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3=27.7+95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.4
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	0.2
Soils (S):	N/A
Total WMP Weight:	4.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVESS0140 **Output Waste Container ID:** 67646

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67646

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:		
JOE STEPZINSKI	Joseph D Stepzinski	7-17-2014
Print Name	Signature	Date
Visual Examination Operator 2:		
Luis Romero	Luis Romero	7-17-2014
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data	
Input Waste Container ID, as applicable: N/A	
Output Waste Container ID: 67647	Waste Stream ID: LA-MHD01.001
Container Type: 55 GAL POD TRUCON Code: LA 225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A	
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 157.6 kg.
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES	
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES	
Closure Method: TTF Number of Layers of Confinement: 1	
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1450 Torque Value: 10 FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60 FT/LBS
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES	
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A	
Comments: N/A	

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735955 LANL 019626	salts	IN	0.2	E
735955 LANL 019626	metal can, metal lid	IM	7-31-14 4.88	E
735955 LANL 019626	Plastic bags, vinyl tape	PW	0.2	E
	N/A 5-15-14 (JT)			

James E. Thompson — VEO 1: Print Name — Signature — 5-15-14 Date

Michael C. Trujillo — VEO 2: Print Name — Signature — 5/15/14 Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67647

TID Removed: N/A **TID Applied:** LANL 029763

JOE STEPZINSKI — VEO 1: Print Name — Signature — 7-17-2014 Date

Luis Romero — VEO 2: Print Name — Signature — 7-17-2014 Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 6764

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.8
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	0.2
Soils (S):	N/A
Total WMP Weight:	5.2

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67647

Section 4: Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 6764

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: JOE STEPZINSKI (Print Name)	Joseph O Stepzinski (Signature)	7.17.2014 (Date)
Visual Examination Operator 2: Luis Romero (Print Name)	Luis Romero (Signature)	7-17-2014 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1: Output Waste Container Data

Input Waste Container ID, as applicable: N/A

Output Waste Container ID: 67648 | Waste Stream ID: LA-MHD01.001

Container Type: 55GAL POC | TRUCON Code: LA225 | Waste Matrix Code: S5400

Audio/Video Media Recording Number: ☒ N/A

Waste Container Weights:
Tare Wt: 152.4 kg. Gross Wt: 157.9 kg.

Rigid Liner Present? ☐ NO ☒ YES
Type of Liner: ☐ Lead ☒ Plastic
☐ Fiberboard ☐ Other:
Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil
☐ 125-mil

Rigid Liner Lid Present? ☐ NO ☒ YES
Rigid Liner Lid is Vented (>0.3 in.) or Filtered?
☐ NO ☒ YES ☐ N/A
☒ Vented: Hole Size: 0.875 ☐ N/A
☐ Filtered: Model No.: ☒ N/A
Serial No.: ☒ N/A

Bag Liner Present? ☒ NO ☐ YES

Volume Utilization Percentage: 95 %

Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])?
☐ NO ☒ YES

Does the physical form of the waste match the Waste Matrix Code?
☐ NO ☒ YES

Closure Method: TTF
Number of Layers of Confinement: 1

Filter Torque Wrench
Serial/ID No.: 101382
Calibration Due Date: 12-4-2014
Filter: Model No.: NUCFIL-0190S
Serial No.: LM-1148
Torque Value: 10FT/LBS

Lid Ring/Bolt Torque Wrench
Serial/ID No.: 101388
Calibration Due Date: 12-11-2014
Lid Ring/Bolt Torque Value: 60 FT/LBS

Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES

NCR(s) associated with the output container? ☒ NO ☐ YES
NCR No.: N/A
NCR No.: N/A

Comments:
N/A

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735951 LANL 019622	Ceramics	OI	0.5	E
735951 LANL 019622	metal can, metal lid	Im	4.8	E
735951 LANL 019622	Plastic bags, vinyl tape	PW	0.2	E
	N/A 5-15-14	(S)		

James E. Thompson — VEO 1: Print Name — Signature — 5-15-14 Date

Michael C. Trujillo — VEO 2: Print Name — Michael C. Trujillo Signature — 5/15/14 Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67648 LANL

TID Removed: N/A **TID Applied:** 029764

JOE STEPZINSKI — VEO 1: Print Name — Signature — 7-17-2014 Date

Luis Romero — VEO 2: Print Name — Luis Romero Signature — 7-17-2014 Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 67648

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.8
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	5.5

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67648

Section 4 Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67648

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

JOE STEPZINSKI	Joseph O Stepzinski	7-17-2014
Print Name	Signature	Date

Visual Examination Operator 2:

Luis Romero	Luis Romero	7-17-2014
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67649	Waste Stream ID: LA-MHD01.001	
Container Type: 55GAL POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 157.2 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1456 Torque Value: 10FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735952 LANL 019623	ceramics	OI	0.5	E
735952 LANL 019623	metal can, metal lid	IM	4.1	E
735952 LANL 019623	Plastic bags, vinyl tape	PW	0.2	E
	N/A (JT) 5-15-14			

James E. Thompson — VEO 1: Print Name — Signature — Date: 5-15-14
Michael C. Trujillo — VEO 2: Print Name — Signature — Date: 5/15/14

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67649

TID Removed: N/A **TID Applied:** LANL 029765

JOE STEPZINSKI — VEO 1: Print Name — Signature — Date: 7-17-2014
Luis Romero — VEO 2: Print Name — Signature — Date: 7-17-2014

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 67649

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	4.1
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	4.8

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67649

Section 4 Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: UAVES50140 **Output Waste Container ID:** 67649

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:

JOE STEPZINSKI	Joseph D Stepzinski	7-17-2014
Print Name	Signature	Date

Visual Examination Operator 2:

Luis Romero	Luis Romero	7-17-2014
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVES50140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67650	Waste Stream ID: LA-MHD01.001	
Container Type: 55GALPOL	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 158.5 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-2014 Filter: Model No.: NUCFIL-0190S Serial No.: LM-1695 Torque Value: 10FT/LBS	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 12-11-2014 Lid Ring/Bolt Torque Value: 60FT/LBS	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVESS0140 **Date:** 5-15-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
735953 LANL 019624	ceramics	OI	0.5	E
735953 LANL 019624	metal can, metal lid	IM	5.4	E
735953 LANL 019624	plastic bags, vinyl tape	PW	0.2	E
	N/A 5-15-14 (J)			

James E. Thompson — Signature — 5-15-14
VEO 1: Print Name — Signature — Date

Michael C. Trujillo — Michael C. Trujillo — 5/15/14
VEO 2: Print Name — Signature — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67650

TID Removed: N/A **TID Applied:** LANL 029766

JOE STEPZINSKI — Joseph D Stepinski — 7-17-2014
VEO 1: Print Name — Signature — Date

Luis Romero — Luis Romero — 7-17-2014
VEO 2: Print Name — Signature — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVES50140

Output Waste Container ID: 61650

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	123.3 = 27.7 + 95.6
Plastics (PP):	8.1
Others: CELLULOSICS (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	5.4
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	0.5
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	6.1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67650

Section 4 – Prohibited Item(s) Summary (Questions answered YES will be explained in the Comments block)	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 61650

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1: JOE STEPZINSKI (Print Name)	Joseph O Stepzinski (Signature)	7-17-2014 (Date)
Visual Examination Operator 2: Luis Romero (Print Name)	Luis Romero (Signature)	7-17-2014 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550140

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67654	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. drum	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 28.3 kg.	Gross Wt: 81.9 kg.	
Rigid Liner Present? ☑ NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☑ NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A ☐ Vented: Hole Size: ☑ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☐ NO ☑ YES	Volume Utilization Percentage: 100 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-14 Filter: Model No.: NucFil-019DS Serial No.: FN-2074 Torque Value: 10 Ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550140 **Date:** 7-17-14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
741954	Metal cans, lids, metal tools, metal pieces, metal flanges, drill bits	IM	49.1	E
741954	Plastic bottles, plastic vials, plastic pieces, plastic bags, vinyl tape	PW	4.0	E
741954	Cardboard tray Cheesecloth	C	0.4	E
741954	Aluminum foil	AM	0.1	E
	N/A 7-17-14			

N/A — VEO 1: Print Name | N/A — Signature | N/A — Date

N/A — VEO 2: Print Name | N/A — Signature | N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67654

TID Removed: N/A **TID Applied:** LANL023675

N/A — VEO 1: Print Name | N/A — Signature | N/A — Date

N/A — VEO 2: Print Name | N/A — Signature | N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container. Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550140

Output Waste Container ID: 67654

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.6
Others:	N/A
Total Packaging Weight:	28.3
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	49.1
Aluminum-based Metals/Alloys (AM):	0.1
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	0.4
Rubber (R):	N/A
Plastics (waste materials) (PW):	4.0
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	53.6

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50140 **Output Waste Container ID:** 67654

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550140 **Output Waste Container ID:** 67654

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	[signature]	7-17-14
Print Name	Signature	Date

Visual Examination Operator 2:

Michael C. Trujillo	[signature]	7/17/14
Print Name	Signature	Date

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE550140 Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☑ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☑ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals	☐ NO	☑ YES	☐ N/A
b. Weight totals	☐ NO	☑ YES	☐ N/A
c. Summed volume of observable liquid, as necessary	☐ NO	☐ YES	☑ N/A
d. The total of the WMP weights is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight.	☐ NO	☑ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☑ YES	☐ N/A
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES	☑ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☑ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	☐ NO	☑ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☑ YES	☐ N/A
13. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☑ YES	☐ N/A

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVES50140 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☑ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☑ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☑ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☑ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☑ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☑ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☐ YES	☑ N/A

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	7-31-14
Printed Name	Signature	Date

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Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE550220				**Examination Date(s): 07/01/2015**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 70657 70679
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

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Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550220				**Examination Date(s): 07/01/2015**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No observable liquid.
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550220				**Examination Date(s): 07/01/2015**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**			X	
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not a LANL Sealed Source.
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550220				Examination Date(s): 07/01/2015
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not a LANL Sealed Source.
Comments: None				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Carolina Soaterna	Carolina Soaterna			08/03/2015
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE550220 Examination Date: 7-1-15

	Waste Container ID Number:
1	70657
2	70679
3	
4	
5	
6	
7	
8	
9	
10	
11	N/A
12	7-1-15 (J)
13	
14	
15	
16	
17	
18	
19	
20	

Independent Technical Reviewer:

Eddie Rios	Eddie Rios	7-14-15
Print Name	Signature	Date

NTPC RECORDS ORIGINAL
DATE REC'D 7/15/15

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVE550220 Examination Date: 7-1-15

Table of Contents

Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination General Information Form	3
4	CCP Waste Visual Examination Data Forms	5
5	CCP Waste VE Independent Technical Reviewer Checklist	15
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVES50220

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 7-1-15	
Procedure No.: CCP-TP-113 Revision No.: 19	
Camera/Audio/Video Media Recording Check: ☑ N/A ☐ SAT	
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 103306 Calibration Due Date: 6-15-16 Operational Check: ☑ SAT ☐ UNSAT
Comments: N/A	

Visual Examination Operator 1:		
James E. Thompson	James E. Thompson	7-1-15
Print Name	Signature	Date
Visual Examination Operator 2:		
Michael C. Trujillo	Michael C. Trujillo	7/1/15
Print Name	Signature	Date

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550220

☐ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 7-1-15	
Procedure No.: CCP-TP-113 Revision No.: 19	
Camera/Audio/Video Media Recording Check: ☒ N/A ☐ SAT	
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 103307 Calibration Due Date: 6-15-16 Operational Check: ☒ SAT ☐ UNSAT
Comments: N/A	

Visual Examination Operator 1:		
Robert S. Minton		7-1-15
Print Name	Signature	Date
Visual Examination Operator 2:		
Luis Romero	Luis Romero	7-1-15
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form | Page 1 of 5

Batch Data Report No.: LAVE550220

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 70657	Waste Stream ID: LA-MHD01.001	
Container Type: 55gal. drum	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A	Output Container Verified Empty ☐ NO ☑ YES	
Waste Container Weights: Tare Wt: 28.3 kg.	Gross Wt: 57.8 kg.	
Poly Rigid Liner Present? ☑ NO ☐ YES Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Other liner: ☐ Lead ☐ Fiberboard/Cardboard ☐ Other:	Poly Rigid Liner Lid Present? ☑ NO ☐ YES Poly Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A ☐ Vented: Hole Size: ☑ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 80 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 102787 Calibration Due Date: 12-4-15 Filter: Model No.: Nucfil-019 DS Serial No.: FN-2409 Torque Value: 10 ft. / lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 102788 Calibration Due Date: 12-3-15 Lid Ring/Bolt Torque Value: 60 ft. / lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550220 **Date:** 7-1-15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.*]	Weighing Code(s) [Table 4*]
742149	Rubber gloves	R	1.4	E
742149	Plastic bags, vinyl tape Plastic filters, rings	PW	4.0	E
742149	Steel clamps	IM	0.1	E
742149	Copper pipes	OM	24.0	E
		N/A	(J)	

7-1-15

Are there any indirect load containers associated with this BDR? Yes ☐ No ☑

VEO 1: Print Name	Signature	Date
N/A	N/A	N/A

VEO 2: Print Name	Signature	Date
N/A	N/A	N/A

VEO's signatures verify the absence of prohibited items in indirect load containers.

Output Waste Container ID: 70657

TID Removed: N/A **TID Applied:** LANL031291

VEO 1: Print Name	Signature	Date
N/A	N/A	N/A

VEO 2: Print Name	Signature	Date
N/A	N/A	N/A

VEO's signatures verify the loading of the indirect load container(s) into the output waste container.

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550220

Output Waste Container ID: 70657

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.6
Cellulosic (C):	N/A
Others:	N/A
Total Packaging Weight:	28.3
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	0.1
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	24.0
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	1.4
Plastics (waste materials) (PW):	4.0
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	29.5

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50220 **Output Waste Container ID:** 70657

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
1. Is there any observable liquid present? If no, proceed to question 5	☐	☑
2. Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☐
3. Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☐
4. Is there detectable observable liquid in containers with an EPA Hazardous Waste Number of U134?	☐	☐
5. Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
6. Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
7. Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
8. Is there an indication of wastes containing explosives or compressed gases?	☐	☑
9. Is there PCB liquids present?	☐	☑
10. Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
11. Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
12. Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
13. Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
14. Are there sealed containers **GREATER** than 4 liters?	☐	☑
15. Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550220 **Output Waste Container ID:** 70657

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	[signature]	7-1-15
Print Name	Signature	Date

Visual Examination Operator 2:

Michael C. Trujillo	[signature]	7/1/15
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550220

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 70679	Waste Stream ID: LA-MHD01.001	
Container Type: 55 gal. drum	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A	Output Container Verified Empty ☐ NO ☒ YES	
Waste Container Weights: Tare Wt: 34.4 kg.	Gross Wt: 83.6 kg.	
Poly Rigid Liner Present? ☐ NO ☒ YES Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil Other liner: ☐ Lead ☐ Fiberboard/Cardboard ☐ Other:	Poly Rigid Liner Lid Present? ☒ NO ☐ YES Poly Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☒ N/A ☐ Vented: Hole Size: ☒ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☐ NO ☒ YES	Volume Utilization Percentage: ~~70~~ 30 % RSA 7-1-15	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 1-28-16 Filter: Model No.: NUCFIL-019DS Serial No.: FN-1631 Torque Value: 10 ft/lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101388 Calibration Due Date: 1-26-16 Lid Ring/Bolt Torque Value: 60 ft/lbs	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550220 **Date:** 7-1-15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.a]	Weighing Code(s) [Table 4b]
822891	Steel Cans, Lids, Pneumatic Cylinder, Steel Chain, Basket, Steel Plate	IM	37.0	E
822891	Aluminum Foil	AM	0.1	E
822891	Leaded Glovebox Gloves	R	9.6	E
822891	Copper Wire	OM	0.1	E
822891	Plexiglass pieces, Plastic Bags, Vinyl Tape	PW	2.4	E
	N/A			
	7-1-15 RLM			

Are there any indirect load containers associated with this BDR? Yes ☐ No ☒

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

VEO's signatures verify the absence of prohibited items in indirect load containers.

Output Waste Container ID: 70679

TID Removed: N/A **TID Applied:** LANL026853

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

VEO's signatures verify the loading of the indirect load container(s) into the output waste container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550220

Output Waste Container ID: 70679

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	6.7
Cellulosic (C):	N/A
Others:	N/A
Total Packaging Weight:	34.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	37.0
Aluminum-based Metals/Alloys (AM):	0.1
Other Metals (OM):	0.1
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	9.6
Plastics (waste materials) (PW):	2.4
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	49.2

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE 550220 **Output Waste Container ID:** 70679

Section 4: Prohibited Item(s) Summary *(Questions answered "YES" will be explained in the Comments block)*		
	Yes	No
1. Is there any observable liquid present? If no, proceed to question 5	☐	☒
2. Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☐
3. Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☐
4. Is there detectable observable liquid in containers with an EPA Hazardous Waste Number of U134?	☐	☐
5. Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
6. Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
7. Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
8. Is there an indication of wastes containing explosives or compressed gases?	☐	☒
9. Is there PCB liquids present?	☐	☒
10. Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
11. Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT II Criteria		
12. Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
13. Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
14. Are there sealed containers **GREATER** than 4 liters?	☐	☒
15. Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550220 **Output Waste Container ID:** 70679

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:

Print Name	Signature	Date
Robert S. Minton		7-1-15

Visual Examination Operator 2:

Print Name	Signature	Date
Luis Romero	Luis Romero	7-1-15

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVES50220 Page 1 of 2

Description		
1. Were data generation and reduction conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES
2. Was the correct revision of operating procedure used?	☐ NO	☑ YES
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☑ YES
4. Are the calculations performed on the VE Data Form correct?	☐ NO	☑ YES
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☑ YES
6. Has the data been reviewed for transcription errors?	☑ NO	☐ YES
7. Does the Testing Batch Report include VE for 20 containers or less?	☐ NO	☑ YES
8. Are BDR contents complete and do they match BDR Table of Contents?	☐ NO	☑ YES
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES
11. Were changes made to original data? If NO, proceed to question 14.	☐ NO	☑ YES
12. Have all changes to original data been lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES
13. Were the data changes made by the individual who originally collected the data or by an equally qualified individual?	☐ NO	☑ YES
14. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☑ YES
15. Has each container in this BDR been evaluated for the presence of prohibited items?	☐ NO	☑ YES
16. Is there an adequate written description of the contents of each container?	☐ NO	☑ YES
17. Was a scale(s) used? If NO, proceed to question 20.	☐ NO	☑ YES
18. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☑ YES
19. Were the scale(s) checks SAT prior to the VE and documented correctly?	☐ NO	☑ YES
20. Was VE of each container performed by at least two qualified VEO's or was an Audio/Video recording properly prepared for each container?	☐ NO	☑ YES

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE550220 Page 2 of 2

Description		
21. Was an NCR required at the data generation level? If NO, proceed to question 23.	☑ NO	☐ YES
22. Is a copy of the NCR included in the BDR?	☐ NO	☐ YES
23. Were the QAO's (precision, accuracy, completeness, comparability) met?	☐ NO	☑ YES
Precision – Precision is maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases. Accuracy – Accuracy is maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification. VE operators shall be re-qualified every two years. Completeness – A validated VE data form will be obtained for 100 percent of the waste containers subject to VE. Comparability – The comparability of VE data from different operators shall be enhanced by using standardized VE procedures and operator qualifications.		

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Printed Name	Signature	Date
Eddie Rios	Eddie Rios	7-14-15

DIVIDER

PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE550149 **Examination Date(s): 03/28/2013 & 09/10/2014**

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67657
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 9/16/14

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550149 **Examination Date(s): 03/28/2013 & 09/10/2014**

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550149 **Examination Date(s): 03/28/2013 & 09/10/2014**

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**			X	
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not LANL Sealed Sources
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550149 **Examination Date(s):** 03/28/2013 & 09/10/2014

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources

Comments: N/A

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Terri-Anne Groover	TGroover	9-15-14
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE550149 Examination Date: 9-10-14

	Waste Container ID Number:
1	67657
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N/A

9-10-14

Independent Technical Reviewer:

Print Name	Signature	Date
Peggy Ausmus	Peggy Ausmus	9-11-14

1

NTPC RECORDS ORIGINAL
DATE REC'D 9/11/14

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVE550149 Examination Date: 9-10-14

Table of Contents		
Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination General Information Form	3
4	CCP Waste Visual Examination Data Forms	4
5	CCP Waste VE Independent Technical Reviewer Checklist	9
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550149

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 9-10-14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 208622 Calibration Due Date: 6-5-15 Operational Check: ☑ SAT ☐ UNSAT

Comments:

The VEE has determined not to use the VE scale.

Visual Examination Operator 1:		
James E. Thompson Print Name	Signature	9-10-14 Date
Visual Examination Operator 2:		
Michael C. Trujillo Print Name	Signature	9/10/14 Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550149

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 607657	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. drum	TRUCON Code: LA 225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 28.3 kg.	Gross Wt: 36.9 kg.	
Rigid Liner Present? ☑ NO ☐ YES Type of Liner: ☐ Lead ☐ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☑ NO ☐ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☑ N/A ☐ Vented: Hole Size: ☑ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☐ NO ☑ YES	Volume Utilization Percentage: 10 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 101382 Calibration Due Date: 12-4-14 Filter: Model No.: NucFil-019DS Serial No.: FN-2076 Torque Value: 10ft. / lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 101381 Calibration Due Date: 12-4-14 Lid Ring/Bolt Torque Value: 60ft. / lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: The VE was initiated on CCP-TP-113 Rev. 16.		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550149 **Date:** 3-28-13

Section 2: Waste Package Data

Package and Package PCI Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
738398 LANL 023317	beryllium pieces	OM	0.2	E
738398 LANL 023317	vinyl tape plastic bag	PW	0.3	E
738398 LANL 023317	metal lid metal can metal shavings	IM	8.1	E

N/A A.H. 3-28-13

Anthony Harley — Signature — 3-28-13
VEO 1: Print Name — Signature — Date

Lexie Archuleta — Lexie Archuleta — 3-28-13
VEO 2: Print Name — Signature — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 676571

PCI Removed: N/A **PCI Applied:** LANL 029775

James E. Thompson — Signature — 9-10-14
VEO 1: Print Name — Signature — Date

Michael C. Trujillo — Michael C. Trujillo — 9/10/14
VEO 2: Print Name — Signature — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550149

Output Waste Container ID: 67657

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	0.6
Others:	N/A
Total Packaging Weight:	28.3
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	8.1
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	0.2
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	0.3
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	8.6

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550149 **Output Waste Container ID:** 67657

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50149 **Output Waste Container ID:** 67657

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

Print Name	Signature	Date
James E. Thompson	James E. Thompson	9-10-14

Visual Examination Operator 2:

Print Name	Signature	Date
Michael C. Trujillo	Michael C. Trujillo	9/10/14

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE550149 Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☑ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☑ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals	☐ NO	☑ YES	☐ N/A
b. Weight totals	☐ NO	☑ YES	☐ N/A
c. Summed volume of observable liquid, as necessary	☐ NO	☐ YES	☑ N/A
d. The total of the WMP weights is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight.	☐ NO	☑ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☑ YES	☐ N/A
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES	☑ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☑ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	☐ NO	☑ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES	☑ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☐ YES	☑ N/A
13. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☑ YES	☐ N/A

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVES50149 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☑ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☑ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☑ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☑ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☑ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☑ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☑ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☐ YES	☑ N/A

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Peggy Ausmus	Peggy Ausmus	9-11-14
Printed Name	Signature	Date

DIVIDER PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE030008				Examination Date(s): 9/24/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67438
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X CJ 10/7/14		~~X~~	~~No NCRs~~ NCR-CANL-0608-14 > CJ 10/7/14 USR-as-is
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 10/1/14

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE030008				Examination Date(s): 9/24/2014
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE030008				**Examination Date(s): 9/24/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL sealed sources
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not LANL sealed sources
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL sealed sources
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL sealed sources

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE030008 **Examination Date(s):** 9/24/2014

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not LANL sealed sources
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not LANL sealed sources
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not LANL sealed sources

Comments: ~~N/A~~ See SPT1-4. CSW 7/14

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Terri-Anne Groover	T. A. Groover	10-1-14
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

Carolina Soteria	Carolina Soteria	NCR-LANL-060814	10/7/14
SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-LANL-0608-14 Revision 0

1. Lot No., Heat No., or Serial No. (if applicable): NA	2. Process (e.g., NDA, NDE, VE, Other): VE	3. Batch Data Report #(s): See attachment 1
4. Order/Work Order/Job Control Number (if applicable): NA	5. PO # (if applicable): NA	Container #(s): See attachment 1
	6. Supplier (if applicable): NA	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-001, Rev 21, Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary, Question 15. states "Are the training requirements met for the VE Expert and VE Operators who have signed the data forms?"

7c. Actual Condition:

SPM verified that operators were VE Qualified. The LANL LOQI lists a section specific to CMR and all of the operators who performed work were not included in this section.

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☒ NO If no is checked, explain:
Container placed on exclusion.

8. NCR Originator:

Carolina Soaterna (printed name) Carolina Soaterna (signature) 10/6/14 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: A

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☒ YES ☐ NO (If Yes, enter WIPP Form No.):
WF14-357 10/06/14 LOT

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation:

Laura R. Jones (printed name) Laura Romero Jones (signature) 10/06/2014 (date)

SPM
10/7/14

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0608-14 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

SP 12
CS 10/7/14

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR-LANL-0608-14 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☒ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

Operators were qualified to perform VE in CMR; LOQI lists them in the VE section and indicates that they are qualified to perform work on the waste stream LA-MHD03.001 in CCP-AK-LANL-009.

☐ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☒ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

Carolina Sostenes	Carolina Sostenes	10/6/14
printed name	signature	date

21. QA Engineer or QA Designee:

Laura R. Jones	Laura Ramos Jones	10/6/2014
printed name	signature	date

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

SP13 10/7/14

Attachment 3 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-LANL-0608-14 Revision 0 Attachment # 1 Page 1 of 1

Continuation from Section Number 3:

Batch Data Report	Container number
LAVE030001	67432
LAVE030002	67489
LAVE030003	67434
LAVE030004	67466
LAVE030005	67453
LAVE030006	67444
LAVE030007	67467
LAVE030008	67438
LAVE030009	67435
LAVE030010	67439

SAT 1
CD 07/14

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE030008 Examination Date: 9/24/14

	Waste Container ID Number:
1	67438
2	
3	
4	
5	
6	
7	9/24/14
8	
9	
10	
11	PMR N/A
12	
13	
14	
15	
16	
17	
18	
19	
20	

Independent Technical Reviewer:

Gilbert Gutierrez (Print Name) Signature 9-29-14 (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 9/29/14

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVE030008 Examination Date: 9/24/14

Table of Contents

Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination General Information Form	3
4	CCP Waste Visual Examination Data Forms	4
5	CCP Waste VE Independent Technical Reviewer Checklist	9
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE030008

☐ VE for Previously Packaged Waste ☒ VE for Newly Generated Waste	
☐ Method 1 ☒ Method 2	
Site ID: LA	
Examination Date: 9/24/14	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☒ N/A	☐ SAT
VE Scale Information: ☒ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 033138 Calibration Due Date: 10/15/15 Operational Check: ☒ SAT ☐ UNSAT

Comments:

The VEE has determined not to use the VE scale.

Visual Examination Operator 1: Peter Robida Print Name	Signature	9/24/15 14 Date
Visual Examination Operator 2: Loretta Ortega Print Name	Signature	9/24/15 14 Date

9/29/14 PMR
~~9/24/14~~ ~~PMR~~
9/24/14

PMR
9/29/14

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE030008

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67438	Waste Stream ID: LA-MHD03.001	
Container Type: 55gallon POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☒ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 157.1 kg.	
Rigid Liner Present? ☐ NO ☒ YES Type of Liner: ☐ Lead ☒ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☒ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☒ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☒ YES ☐ N/A ☒ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☒ N/A Serial No.: ☒ N/A	
Bag Liner Present? ☒ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☒ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☒ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 033641 Calibration Due Date: 5/30/15 Filter: Model No.: NUCFIL-019DS Serial No.: LM-1161 Torque Value: 10 ft/lbs	Lid Ring/Bolt Torque Wrench Serial/ID No.: 033641 Calibration Due Date: 5/30/15 Lid Ring/Bolt Torque Value: 60 ft/lbs	
Is total dose rate greater than 200mrem/hr? ☒ NO ☐ YES		
NCR(s) associated with the output container? ☒ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE030008 **Date:** 9/24/14

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.[a]]	Weighing Code(s) [Table 4[b]]
BBP-19	Sweepings, powder (metal)	IM	2.6	E
BBP-19	Small plastic bags, liner bags, vinyl tape	PW	2.1	E
	N/A			
		9/24/14		
	PMR			

N/A — VEO 1: Print Name — N/A — Signature — N/A — Date

N/A — VEO 2: Print Name — N/A — Signature — N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67438

TID Removed: N/A **TID Applied:** LANL027242

N/A — VEO 1: Print Name — N/A — Signature — N/A — Date

N/A — VEO 2: Print Name — N/A — Signature — N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE030008

Output Waste Container ID: 67438

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others: C	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	2.6
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	N/A
Rubber (R):	N/A
Plastics (waste materials) (PW):	2.1
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	4.7

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE030008 **Output Waste Container ID:** 67438

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater.	☐	☒
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☒
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☒
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☒
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☒
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☒
Is there an indication of wastes containing explosives or compressed gases?	☐	☒
Is there PCB liquids present?	☐	☒
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☒
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☒
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☒
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☒
Are there sealed containers **GREATER** than 4 liters?	☐	☒
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☒

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE030008 **Output Waste Container ID:** 67438

Section 4: Prohibited Item(s) Summary (Continued)
(Questions answered "YES" will be explained in the Comments block)

Comments: N/A

Section 5: Approvals

Visual Examination Operator 1:
Peter Robida
Print Name

Signature

9/24/~~15~~14
Date

PMR 9/24/14

Visual Examination Operator 2:
Loretta Ortega
Print Name

Signature

9/24/~~15~~ 14
Date

PMR 9/29/14

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE030008

Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☒ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☒ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☒ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals	☐ NO	☒ YES	☐ N/A
b. Weight totals	☐ NO	☒ YES	☐ N/A
c. Summed volume of observable liquid, as necessary	☐ NO	☐ YES	☒ N/A
d. The total of the WMP weights is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight.	☐ NO	☒ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☒ YES	☐ N/A
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES	☒ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☒ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	☐ NO	☒ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☒ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☒ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☒ YES	☐ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☒ YES	☐ N/A
13. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☒ YES	☐ N/A

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE030008 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☒ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☒ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☒ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☒ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☒ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☒ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☒ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☒ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☒ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☐ YES	☒ N/A

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Gilbert Gutierrez — Printed Name

Signature

9-29-14 — Date

DIVIDER

PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LAVE550185				**Examination Date(s): 03/04/15**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: 67816, 67818, 67819, 67820
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 3/12/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550185				**Examination Date(s): 03/04/15**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-6**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550185				Examination Date(s): 03/04/15
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**			X	Not LANL Sealed Sources
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LAVE550185				**Examination Date(s): 03/04/15**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**			X	Not LANL Sealed Sources
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	T Groover			3/12/15
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: LAVE550185 Examination Date: 3-4-15

	Waste Container ID Number:
1	67816
2	67818
3	67819
4	67820
5	
6	
7	
8	
9	
10	
11	N/A
12	3-4-15 (ST)
13	
14	
15	
16	
17	
18	
19	
20	

Independent Technical Reviewer:

Gilbert Gutierrez 3-9-15
Print Name Signature Date

NTPC RECORDS ORIGINAL
DATE REC'D 3/10/15

Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVES50185 Examination Date: 3-4-15

Table of Contents		
Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination General Information Form	3
4	CCP Waste Visual Examination Data Forms	4
5	CCP Waste VE Independent Technical Reviewer Checklist	24
6	Copy of NCRs (N/A, If Not Applicable)	N/A
7	Field Records (N/A, If Not Applicable)	N/A

Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.: LAVE550185

☐ VE for Previously Packaged Waste ☑ VE for Newly Generated Waste	
☐ Method 1 ☑ Method 2	
Site ID: LA	
Examination Date: 3-4-15	
Procedure No.: CCP-TP-113 Revision No.: 18	
Camera/Audio/Video Media Recording Check: ☑ N/A	☐ SAT
VE Scale Information: ☑ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: 100524 Calibration Due Date: 6-11-15 Operational Check: ☑ SAT ☐ UNSAT

Comments:
The VEE has determined not to use the VE scale

Visual Examination Operator 1:		
James E. Thompson	James E. Thompson	3-4-15
Print Name	Signature	Date
Visual Examination Operator 2:		
Luis Romero	Luis Romero	3-4-15
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550185

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67816	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. Poc	TRUCON Code: LA225.	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 164.4 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-4-15 Filter: Model No.: NucFil-019DS Serial No.: FN-2241 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 102788 Calibration Due Date: 12-3-15 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVES50185 **Date:** 3-4-15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.[a]]	Weighing Code(s) [Table 4[b]]
743585	Cloth gloves Cheese cloth	C	4.8	E
743585	Plastic bottles, lids Plastic bags, vinyl tape	PW	6.0	E
743585	Rubber hoses	R	1.2	E
	N/A 3-4-15 (5)			

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67816

TID Removed: N/A **TID Applied:** LANL031195

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550185

Output Waste Container ID: 67816

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6=123.3
Plastics (PP):	8.1
Others (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	N/A
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	4.8
Rubber (R):	1.2
Plastics (waste materials) (PW):	6.0
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	12.0

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550185 **Output Waste Container ID:** 67816

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT-II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550185 **Output Waste Container ID:** 67816

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E. Thompson	James E. Thompson	3-4-15
Print Name	Signature	Date

Visual Examination Operator 2:

Luis Romero	Luis Romero	3-4-15
Print Name	Signature	Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550185

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67818	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. Poc	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ ~~N/A~~		
Waste Container Weights: Tare Wt: 152.4 kg.	Gross Wt: 163.3 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.875 ☐ N/A ☐ Filtered: Model No.: ☑ ~~N/A~~ Serial No.: ☑ ~~N/A~~	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-4-15 Filter: Model No.: Nucfil-019 DS Serial No.: FN-2231 Torque Value: 10 ft. / lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 102788 Calibration Due Date: 12-3-15 Lid Ring/Bolt Torque Value: 60 ft. / lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550185 **Date:** 3-4-15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.[a]]	Weighing Code(s) [Table 4[b]]
743586	Plastic bottles, lids Plastic bags, vinyl tape	PW	5.2	E
743586	Cloth gloves, paper Cheesecloth, cardboard	C	5.4	E
743586	Metal Floor sweepings	IM	0.1	E
743586	Rubber hoses	R	0.2	E
	N/A 3-4-15			

N/A — VEO 1: Print Name | N/A — Signature | N/A — Date

N/A — VEO 2: Print Name | N/A — Signature | N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67818

TID Removed: N/A **TID Applied:** LANL 031196

N/A — VEO 1: Print Name | N/A — Signature | N/A — Date

N/A — VEO 2: Print Name | N/A — Signature | N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container. Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550185

Output Waste Container ID: 67818

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+95.6 = 123.3
Plastics (PP):	8.1
Others: (C)	21.0
Total Packaging Weight:	152.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	0.1
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	5.4
Rubber (R):	0.2
Plastics (waste materials) (PW):	5.2
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	10.9

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVES50185 **Output Waste Container ID:** 67818

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE550185 **Output Waste Container ID:** 67818

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:

James E Thompson (Print Name) | James E Thompson (Signature) | 3-4-15 (Date)

Visual Examination Operator 2:

Luis Romero (Print Name) | Luis Romero (Signature) | 3-4-15 (Date)

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550185

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67819	Waste Stream ID: LA-MHD01.001	
Container Type: 55gal. POC	TRUCON Code: LA225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 142.8 kg.	Gross Wt: 147.7 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.375 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-4-15 Filter: Model No.: NucFil-019DS Serial No.: BM-1367 Torque Value: 10 ft. / lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 102788 Calibration Due Date: 12-3-15 Lid Ring/Bolt Torque Value: 60 ft. / lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550185 **Date:** 3-4-15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4.a]	Weighing Code(s) [Table 4.b]
743587	Plastic bottles, lids, pipettes Plastic bags, vinyl tape Dry marker	PW	3.5	E
743587	Cloth gloves Cheesecloth	C	1.4	E

N/A 3-4-15 (JT)

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67819

TID Removed: N/A **TID Applied:** LANL 031197

N/A	N/A	N/A
VEO 1: Print Name	Signature	Date
N/A	N/A	N/A
VEO 2: Print Name	Signature	Date

Signatures of VEO's verifying the loading of the Output Waste Container.

Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550185

Output Waste Container ID: 67819

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+82.0=109.7
Plastics (PP):	8.1
Others: (c)	25.0
Total Packaging Weight:	142.8
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	N/A
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	1.4
Rubber (R):	N/A
Plastics (waste materials) (PW):	3.5
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	4.9

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE550185 **Output Waste Container ID:** 67819

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVES50185 **Output Waste Container ID:** 67819

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:		
James E. Thompson Print Name	James E. Thompson Signature	3-4-15 Date
Visual Examination Operator 2:		
Luis Romero Print Name	Luis Romero Signature	3-4-15 Date

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.: LAVE550185

Section 1: Output Waste Container Data		
Input Waste Container ID, as applicable: N/A		
Output Waste Container ID: 67820	Waste Stream ID: LA-mHD01.001	
Container Type: 55gal. Poc	TRUCON Code: LA 225	Waste Matrix Code: S5400
Audio/Video Media Recording Number: ☑ N/A		
Waste Container Weights: Tare Wt: 142.8 kg.	Gross Wt: 148.9 kg.	
Rigid Liner Present? ☐ NO ☑ YES Type of Liner: ☐ Lead ☑ Plastic ☐ Fiberboard ☐ Other: Thickness: ☐ 30-mil ☑ 90-mil ☐ 110-mil ☐ 125-mil	Rigid Liner Lid Present? ☐ NO ☑ YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☑ YES ☐ N/A ☑ Vented: Hole Size: 0.375 ☐ N/A ☐ Filtered: Model No.: ☑ N/A Serial No.: ☑ N/A	
Bag Liner Present? ☑ NO ☐ YES	Volume Utilization Percentage: 95 %	
Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])? ☐ NO ☑ YES		
Does the physical form of the waste match the Waste Matrix Code? ☐ NO ☑ YES		
Closure Method: TTF Number of Layers of Confinement: 1		
Filter Torque Wrench Serial/ID No.: 100160 Calibration Due Date: 12-4-15 Filter: Model No.: Nucfil-019 DS Serial No.: BM-1368 Torque Value: 10 ft./lbs.	Lid Ring/Bolt Torque Wrench Serial/ID No.: 102788 Calibration Due Date: 12-3-15 Lid Ring/Bolt Torque Value: 60 ft./lbs.	
Is total dose rate greater than 200mrem/hr? ☑ NO ☐ YES		
NCR(s) associated with the output container? ☑ NO ☐ YES NCR No.: N/A NCR No.: N/A		
Comments: N/A		

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.: LAVE550185 **Date:** 3-4-15

Section 2: Waste Package Data

Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]
743612	Plastic bags, vinyl tape, Plastic bottles, lids, rings Pipettes	PW	4.7	E
743612	Cheesecloth	C	1.2	E
743612	Rubber O-ring, hoses	R	0.1	E
743612	metal wire	Im	0.1	E
	N/A 3-4-15 (JT)			

N/A — VEO 1: Print Name — N/A — Signature — N/A — Date

N/A — VEO 2: Print Name — N/A — Signature — N/A — Date

Signatures annotate the absence of prohibited items.

Output Waste Container ID: 67820

TID Removed: N/A **TID Applied:** LANL 031198

N/A — VEO 1: Print Name — N/A — Signature — N/A — Date

N/A — VEO 2: Print Name — N/A — Signature — N/A — Date

Signatures of VEO's verifying the loading of the Output Waste Container. Page 1 of 1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.: LAVE550185

Output Waste Container ID: 67820

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7+82.0=109.7
Plastics (PP):	8.1
Others: (C)	25.0
Total Packaging Weight:	142.8
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	0.1
Aluminum-based Metals/Alloys (AM):	N/A
Other Metals (OM):	N/A
Other Inorganic Materials (OI):	N/A
Cellulosics (C):	1.2
Rubber (R):	0.1
Plastics (waste materials) (PW):	4.7
Organic Matrix (OR):	N/A
Inorganic Matrix (IN):	N/A
Soils (S):	N/A
Total WMP Weight:	6.1

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.: LAVE55085 **Output Waste Container ID:** 67826

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☑
Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☑
Is there detectable observable liquid in outermost containers with an EPA Hazardous Waste Number of U134?	☐	☑
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☑
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☑
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☑
Is there an indication of wastes containing explosives or compressed gases?	☐	☑
Is there PCB liquids present?	☐	☑
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☑
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☑
TRUPACT II Criteria		
Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☑
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☑
Are there sealed containers **GREATER** than 4 liters?	☐	☑
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☑

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.: LAVE55018S **Output Waste Container ID:** 67820

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

N/A

Section 5: Approvals

Visual Examination Operator 1:		
James E. Thompson Print Name	James E. Thompson Signature	3-4-15 Date
Visual Examination Operator 2:		
Luis Romero Print Name	Luis Romero Signature	3-4-15 Date

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: CAVE550185 Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☒ YES	☐ N/A
2. Was the correct revision of operating procedure used?	☐ NO	☒ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☒ YES	☐ N/A
4. Verify the hand calculations on the VE Data Form for the following:			
a. WMP weight totals	☐ NO	☒ YES	☐ N/A
b. Weight totals	☐ NO	☒ YES	☐ N/A
c. Summed volume of observable liquid, as necessary	☐ NO	☐ YES	☒ N/A
d. The total of the WMP weights is within 5% of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight.	☐ NO	☒ YES	☐ N/A
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☒ YES	☐ N/A
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES	☒ N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	☐ NO	☒ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	☐ NO	☒ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☒ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☒ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES	☒ N/A
12. Were data changes made by the individual who originally collected the data or an equally qualified individual?	☐ NO	☐ YES	☒ N/A
13. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☒ YES	☐ N/A

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVES50185 Page 2 of 2

Description			
14. Was the waste in the Output Waste Container(s) examined for prohibited items?	☐ NO	☒ YES	☐ N/A
15. Is there an adequate written description of the contents of each item?	☐ NO	☒ YES	☐ N/A
16. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☒ YES	☐ N/A
17. Were the scale checks SAT prior to the VE and documented correctly?	☐ NO	☒ YES	☐ N/A
18. Was the audio/video media recording properly prepared and labeled for each waste container?	☐ NO	☐ YES	☒ N/A
19. Was the audio/video media recording check performed satisfactorily prior to the VE?	☐ NO	☐ YES	☒ N/A
20. Precision: Was precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases?	☐ NO	☐ YES	☒ N/A
21. Accuracy: Was accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (operators on LOQI)?	☐ NO	☒ YES	☐ N/A
22. Completeness: Is there a completed VE data form for each waste container in the BDR?	☐ NO	☒ YES	☐ N/A
23. Were NCRs initiated as required?	☐ NO	☐ YES	☒ N/A

Comments: N/A

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Gilbert Gutierrez — Printed Name

Signature

3-9-15 — Date

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Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA15-OSR-VE-001				Examination Date(s): 11/19/14
Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000067577, LA00000067582
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

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NTPC RECORDS ORIGINAL
DATE REC'D 4/15/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-001				**Examination Date(s): 11/19/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-001				**Examination Date(s): 11/19/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-001				**Examination Date(s): 11/19/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	TGroover			4/15/15.
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA15-OSR-VE-001	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000067577	11	NA
2	LA00000067582	12	NA
3	NA	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

Leonard Manzanares — 3/24/2015

(Printed Name) (Signature) (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 3/25/15

1

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA15-OSR-VE-001

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	11
6	List of Acceptable Knowledge Documentation Identifier	12
7	List of Sources in Special Form Capsules	20
8	Copy of Radiological Contamination Surveys	23
9	List of Special Form Documentation	NA
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	26

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

VE BDR LA15-QSR-VE-001

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☑Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6.
☐Yes ☐No ☑NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☑Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☑Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☑Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☑Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☑Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☑Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☑Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☑Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☑NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☑Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☑Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☑Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: N/A	

Independent Technical Review conducted by:

Leonard Manzanares — VE Independent Technical Reviewer (Printed Name)

[signature] — (Signature)

3/24/2015 — (Date)

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA15-OSR-VE-001 Page 1 of 3

Container Identifier	LA00000067577
Printed name of VE Packager	Frank Cocina
Printed name of VE Recorder	Michael Gurley

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL 013 • Drum lid filter serial number: LC-832 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT-9400 • POC lid filter serial number: 026028 • POC lid filter manufacture date: FEB, 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-001 Page 2 of 3

Container Identifier **LA00000067577**

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SFC II-1-680, Am241, Am241Be	OM	7200	None
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A

Total estimated weight (kg) for each WMP listed for above items.	7.2		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon drum, if any.	NA☒ None☐ kg	Description: N/A	WMP: N/A
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg		
Total estimated weight (kg) for loaded container.	226.4kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-001 Page 3 of 3

Container Identifier **LA00000067577**

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Frank Cocina — Printed Name VE Packager — Signature — 11/19/2014 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Gurley — Printed Name VE Recorder — Signature — 11-19-2014 Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA15-OSR-VE-001 Page 1 of 3

Container Identifier	**LA00000067582**
Printed name of VE Packager	Frank Cocina
Printed name of VE Recorder	Michael Gurley

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-932 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT 9400 • POC lid filter serial number: 026683 • POC lid filter manufacture date: APR. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 035313 • Calibration due date of torque wrench 9/17/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-001 Page 2 of 3

Container Identifier **LA00000067582**

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SFC II-1-692, 241Am	OM	7200	None
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A

Total estimated weight (kg) for each WMP listed for above items.	7.2kg	[redacted]	
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon drum, if any.	NA☒ None☐ kg	Description: N/A	WMP: N/A
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg	[redacted]	
Total estimated weight (kg) for loaded container.	226.4kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-001 Page 3 of 3

Container Identifier **LA00000067582**

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of containment.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Frank Cocina — Printed Name VE Packager | Signature | 11/19/2014 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Gurley — Printed Name VE Recorder | Signature | 11-19-14 Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component	Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000067577**

1026A check

Isotope
Source Markings

Activity
Source Markings

Markings: 0.01mCi Am241 14 Jun 73

A-15

Isotope
Source Markings

Activity
Source Markings

Markings: A-15 Am241Be 500mCi MAR 73

A-56

Isotope
Source Markings

Activity
Source Markings

Markings: A-56 Am241Be 500mCi JAN 75

A-59

Isotope
Source Markings

Activity
Source Markings

Markings: A-59 Am241Be 500mCi JAN 75

A-70

Isotope
Source Markings

Activity
Source Markings

Markings: A-70 Am241Be 500mCi FEB 75

A-74

Isotope
Source Markings

Activity
Source Markings

Markings: A-74 Am241Be 500mCi JAN 75

AML507

Isotope
Source Markings

Activity
Source Markings

Markings: AML507 Am241 1500mCi TRC FEB 1972

AML508

Isotope
Source Markings

Activity
Source Markings

Markings: AML508 Am241 1500mCi TRC FEB 1972

AO 419

Isotope
Source Markings

Activity
Source Markings

Markings: AO 419 Am241Be 1Ci 06/98 AI

AO 424

Isotope
Source Markings

Activity
Source Markings

Markings: AO 424 Am241Be 1 Ci 4/98 AI

AO 428

Isotope
Source Markings

Activity
Source Markings

Markings: AO 428 Am241Be 1Ci 06/98 AI

MRC AMBE 1250

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 1250 Am241Be 500mCi DEC 73

MRC AMBE 2520

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2520 Am241Be 1Ci 4/29/75

MRC AMBE 2521

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2521 Am241Be 1Ci 4/29/75

MRC AMBE 2522

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2522 Am241Be 1Ci 4/29/75

MRC AMBE 2632

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2632 Am241Be 1Ci 6/1/76

MRC AMBE 2633

Isotope
Source Markings

Activity
Source Markings

Markings: MRC AMBE 2633 Am241Be 1Ci 6/1/76

S-1731

Isotope
Source Markings
Markings: S-1731 Am241 30mCi 14Jun73

Activity
Source Markings

Source Serial No. **LA00000067582**

1138LV

Isotope
Source Markings
Markings: 1138LV Am241 Al 1Ci

Activity
Source Markings

1499LV

Isotope
Source Markings
Markings: 1499LV Am241 3000mCi 11/84 Amersham

Activity
Source Markings

1602LA

Isotope
Source Markings
Markings: 1602LA Am241 1Ci TRC
Comments: Amersham

Activity
Source Markings

1606LA

Isotope
Source Markings
Markings: 1606LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

1966LA

Isotope
Source Markings
Markings: 1966LA TRC Am241 1mCi
Comments: Amersham

Activity
Source Markings

1967LA

Isotope
Source Markings
Markings: 1967LA TRC Am241 1mCi
Comments: Amersham

Activity
Source Markings

2288LV

Isotope
Source Markings
Markings: 2288LV Am241 1Ci 5/15/85 Al

Activity
Source Markings

2411LV

Isotope
Source Markings
Markings: 2411LV Am241 Al 1Ci

Activity
Source Markings

2660LA

Isotope
Source Markings
Markings: 2660LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

2661LA

Isotope
Source Markings
Markings: 2661LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

2681LV

Isotope
Source Markings
Markings: 2681LV Am241 Al 1Ci

Activity
Source Markings

3033LX

Isotope
Source Markings
Markings: 3033LX Am241 Al 1 Ci

Activity
Source Markings

3035LX

Isotope
Source Markings
Markings: 3035LX Am241 Al 1 Ci

Activity
Source Markings

3044LX

Isotope
Source Markings
Markings: 3044LX Am241 Al 1Ci

Activity
Source Markings

3599LV

Isotope
Source Markings
Markings: 3599LV Am241 Al 1Ci

Activity
Source Markings

3989LV

Isotope
Source Markings
Markings: 3989LV Am241 Al 1Ci

Activity
Source Markings

5154

Isotope
Source Markings
Markings: 5154 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

5156

Isotope
Source Markings
Markings: 5156 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

5222LA

Isotope
Source Markings
Markings: 5222LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5226LA

Isotope
Source Markings
Markings: 5226LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5227LA

Isotope
Source Markings
Markings: 5227LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5229LA

Isotope
Source Markings
Markings: 5229LA TRC Am241 1Ci
Comments: Amersham

Activity
Source Markings

5320

Isotope
Source Markings
Markings: 5320 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

5321

Isotope
Source Markings
Markings: 5321 AMC 1mCi
Comments: Amersham, AMC2/X10

Activity
Source Markings

Record Numbers: 03959, 02069

6894LA

Isotope
Source Markings
Markings: 6894LA Am241 Al 1Ci

Activity
Source Markings

6899LA

Isotope
Source Markings
Markings: 6899LA Am241 Al 1 Ci

Activity
Source Markings

7656LQ

Isotope
Source Markings
Markings: 7656LQ Am241 Al 5Ci

Activity
Source Markings

7658LQ

Isotope
Source Markings
Markings: 7658LQ Am241 Al 5Ci

Activity
Source Markings

8221LQ

Isotope
Source Markings
Markings: 8221LQ Am241 Al 5Ci

Activity
Source Markings

8288/15

Isotope
Source Markings
Markings: 8288/15 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

8828/26

Isotope
Source Markings
Markings: 8828/26 AMC 1mCi
Comments: Amersham, AMC2/X10
Record Numbers: 03959, 02069

Activity
Source Markings

A-739

Isotope
Source Markings
Markings: A-739 AMC Am241 1/80 1mCi

Activity
Source Markings

AOL2

Isotope
Source Markings
Markings: AOL2 Am241 1mCi 4/80

Activity
Source Markings

S-2888

Isotope
Source Markings

Activity
Source Markings

Markings: S-2888 Am241 100mCi 8/75

S-2889

Isotope
Source Markings

Activity
Source Markings

Markings: S-2889 100mCi Am241 8/18/75

Z-1947

Isotope
Source Markings

Activity
Source Markings

Markings: Z-1947 TRC Am241 100mCi
Comments: Amersham

Z-1951

Isotope
Source Markings

Activity
Source Markings

Markings: Z-1951 TRC Am241 100mCi
Comments: Amersham

Sources in Special Form Capsule

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067577					
II-1-680					
	MCM Management Corporation	1026A check	241Am	0.58	0.00
	MCM Management Corporation	A-15	241Am/Be	0.29	0.50
	MCM Management Corporation	A-56	241Am/Be	0.14	0.50
	MCM Management Corporation	A-59	241Am/Be	0.14	0.50
	MCM Management Corporation	A-70	241Am/Be	0.14	0.50
	MCM Management Corporation	A-74	241Am/Be	0.14	0.50
	MCM Management Corporation	AML507	241Am	0.43	1.50
	MCM Management Corporation	AML508	241Am	0.58	1.50
	MCM Management Corporation	AO 419	241Am/Be	0.29	1.00
	MCM Management Corporation	AO 424	241Am/Be	0.29	1.00
	MCM Management Corporation	AO 428	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 1250	241Am/Be	0.14	0.50
	MCM Management Corporation	MRC AMBE 2520	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2521	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2522	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2632	241Am/Be	0.29	1.00
	MCM Management Corporation	MRC AMBE 2633	241Am/Be	0.29	1.00
	MCM Management Corporation	S-1731	241Am	0.01	0.03
Total Sources in SFCII-1-680 (18 sources)					
Sum				***4.91***	***14.03***
Total Sources in SFCs in LA00000067577 (18 sources)					
Sum				***4.91***	***14.03***
LA00000067582					
II-1-692					
	MCM Management Corporation	1138LV	241Am	0.29	1.00
	MCM Management Corporation	1499LV	241Am	0.86	3.00
	MCM Management Corporation	1602LA	241Am	0.29	1.00
	MCM Management Corporation	1606LA	241Am	0.29	1.00
	MCM Management Corporation	1966LA	241Am	0.00	0.00
	MCM Management Corporation	1967LA	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	MCM Management Corporation	2288LV	241Am	0.29	1.00
	MCM Management Corporation	2411LV	241Am	0.29	1.00
	MCM Management Corporation	2660LA	241Am	0.29	1.00
	MCM Management Corporation	2661LA	241Am	0.29	1.00
	MCM Management Corporation	2681LV	241Am	0.29	1.00
	MCM Management Corporation	3033LX	241Am	0.29	1.00
	MCM Management Corporation	3035LX	241Am	0.29	1.00
	MCM Management Corporation	3044LX	241Am	0.29	1.00
	MCM Management Corporation	3599LV	241Am	0.29	1.00
	MCM Management Corporation	3989LV	241Am	0.29	1.00
	MCM Management Corporation	5154	241Am	0.00	0.00
	MCM Management Corporation	5156	241Am	0.00	0.00
	MCM Management Corporation	5222LA	241Am	0.29	1.00
	MCM Management Corporation	5226LA	241Am	0.29	1.00
	MCM Management Corporation	5227LA	241Am	0.29	1.00
	MCM Management Corporation	5229LA	241Am	0.29	1.00
	MCM Management Corporation	5320	241Am	0.00	0.00
	MCM Management Corporation	5321	241Am	0.00	0.00
	MCM Management Corporation	6894LA	241Am	0.29	1.00
	MCM Management Corporation	6899LA	241Am	0.29	1.00
	MCM Management Corporation	7656LQ	241Am	1.44	5.00
	MCM Management Corporation	7658LQ	241Am	1.44	5.00
	MCM Management Corporation	8221LQ	241Am	1.44	5.00
	MCM Management Corporation	8288/15	241Am	0.00	0.00
	MCM Management Corporation	8828/26	241Am	0.00	0.00
	MCM Management Corporation	A-739	241Am	0.00	0.00
	MCM Management Corporation	AOL2	241Am	0.00	0.00
	MCM Management Corporation	S-2888	241Am	0.03	0.10
	MCM Management Corporation	S-2889	241Am	0.03	0.10
	MCM Management Corporation	Z-1947	241Am	0.03	0.10
	MCM Management Corporation	Z-1951	241Am	0.03	0.10
Total Sources in SFCII-1-692 (37 sources)					
Sum				***10.78***	***37.41***
Total Sources in SFCs in LA00000067582 (37 sources)					
Sum				***10.78***	***37.41***
Grand Total				***15.69***	***51.44***

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 11/19/14 No. of Samples: 40

TA: 0 0 Rm: n/a

RCT: Billy Terrazas Z Number: 115030

RCT Signature: MS: E541

Phone: 5-9238 Fax: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13652	2/10/2015	0.3890	1	3.8	20.00
Beta S43-10-1	13652	2/10/2015	0.3540	1	159.6	130.78
SHP270	13692	7/16/2015	n/a	n/a	1	<0.1
SNRD	13121		n/a	n/a	<0.1	0.25

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☐ SMEARS COUNTED IN FIELD

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☑ Onsite Shipment

☐ Non-Routine / Other: MCM Sparrows Point Metals, Baltimore ,Md.

FIELD SMEAR COUNTER MDA (dpm)

alpha: 20.00

beta: 130.78

SAMPLE TRACKING NUMBER

29147204

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a Incident No.: n/a

RP-1 REVIEW BY

Mark Bayless

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	pre-job floor	nda	nda	nda	14.3	n/a						
2	pre-job table	nda	nda	6.4	nda	n/a						
3	pre-job floor	nda	nda	nda	nda	n/a						
4	pre-job wk table	nda	nda	nda	nda	n/a						
5	pre-job floor	nda	nda	nda	nda	n/a						
6	leak test 241Am sources	50	nda	86	13.6	n/a						
7	leak test 241Am sources	nda	nda	nda	nda	n/a						
8	leak test 241Am sources	nda	nda	nda	nda	n/a						
9	SFC-II-1-692 w/241Am	nda	nda	nda	nda	n/a						
10	Drum LA 67582 w/SFC II-1-692 top	nda	nda	nda	nda	n/a						
11	Drum LA 67582 w/SFC II-1-692 ring	nda	nda	nda	nda	n/a						
12	Drum LA 67582 w/SFC II-1-692 side	nda	nda	nda	nda	n/a	0.7	n/a	0.1	n/a	0.1	n/a
13	Drum LA 67582 w/SFC II-1-692 side	nda	nda	nda	nda	n/a						
14	Drum LA 67582 w/SFC II-1-692 btm	nda	nda	nda	nda	n/a						
15	leak test 241AmBe sources	200	nda	nda	nda	n/a						

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147204

Survey Point	Item / Area	Field Smear Results		NPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	leak test 241AmBe source	nda	nda	10.4	nda	n/a	0.1	n/a	0.1	n/a	0.1	n/a
17	pig	nda	nda	7.3	nda	n/a						
18	pig	nda	nda	nda	nda	n/a						
19	leak test 241Am sources	nda	nda	nda	nda	n/a						
20	post-job SFC kit	nda	nda	nda	nda	n/a						
21	post-job tags	nda	nda	nda	nda	n/a						
22	SFC II-1-681 (Failed)	nda	nda	nda	nda	n/a						
23	SFC II-1-680 w/241AmBe,241Am	nda	nda	19.6	nda	n/a						
24	post-job OSR tools	nda	nda	nda	nda	n/a						
25	post-job OSR tools	nda	nda	nda	nda	n/a						
26	post-job OSR tools	nda	nda	nda	nda	n/a						
27	Drum LA 67577 w/SCF II-1-680 top	nda	nda	nda	nda	n/a						
28	Drum LA 67577 w/SCF II-1-680 ring	nda	nda	nda	nda	n/a						
29	Drum LA 67577 w/SCF II-1-680 side	nda	nda	nda	nda	n/a	12.0	19.1			1.0	2.4
30	Drum LA 67577 w/SCF II-1-680 side	nda	nda	nda	nda	n/a						
31	Drum LA 67577 w/SCF II-1-680 btm	nda	nda	nda	nda	n/a						
32	leak test 238Pu6Li	nda	nda	nda	nda	n/a						
33	post-job OSR tools	nda	nda	nda	nda	n/a						
34	post-job OSR tools	nda	nda	nda	nda	n/a						
35	post-job work table	nda	nda	nda	nda	n/a						
36	Drum sn 12std-3291 w/238Pu6Li top	nda	nda	nda	nda	n/a						
37	Drum sn 12std-3291 w/238Pu6Li ring	nda	nda	nda	nda	n/a						
38	Drum sn 12std-3291 w/238Pu6Li side	nda	nda	nda	nda	n/a	0.6	1.4			0.2	0.4
39	Drum sn 12std-3291 w/238Pu6Liside	nda	nda	nda	nda	n/a						
40	Drum sn 12std-3291 w/238Pu6Li btm	nda	nda	nda	nda	n/a						

*dpm/100 cm²

25

Other Information

Drum number LA00000067577 and LA00000067582 of BDR LA15-OSR-VE-001 and LA15-OSR-CH-001: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list. How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
5) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000067577	LA-UR-15- 21784	M329
LA00000067582	LA-UR-15- 21784	M329

DIVIDER

PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA15-OSR-VE-005				Examination Date(s): 12/09,10/14
Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000067583, LA00000067584, LA00000067585
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 7/9/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-005				Examination Date(s): 12/09,10/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-005				**Examination Date(s): 12/09,10/14**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1; 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA15-OSR-VE-005 **Examination Date(s):** 12/09,10/14

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			

Comments: N/A

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Terri-Anne Groover	tgroover	7/9/15
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA15-OSR-VE-005	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers Included in this VE BDR			
1	LA00000067583	11	NA
2	LA00000067584	12	NA
3	LA00000067585	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

IOANA WITKOWSKI	Ioana Witkowski	7/1/15
(Printed Name)	(Signature)	(Date)

NTPC RECORDS ORIGINAL
DATE REC'D 7/1/15

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA15-OSR-VE-005

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	14
6	List of Acceptable Knowledge Documentation Identifier	16
7	List of Sources in Special Form Capsules	36
8	Copy of Radiological Contamination Surveys	42
9	List of Special Form Documentation	NA
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	47

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

VE BDR LA15-OSR-VE-005

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☑Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6.
☐Yes ☐No ☑NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☑Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☑Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☑Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☑Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☑Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☑Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☑Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☑Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☑NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☑Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☑Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☑Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: None	

Independent Technical Review conducted by:

IOANA WITKOWSKI	Ioana Witkowski	7/1/15
VE Independent Technical Reviewer (Printed Name)	(Signature)	(Date)

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA15-05R-VE-005 Page 1 of 3

Container Identifier	LA00000067583
Printed name of VE Packager	Leonard Manzanares
Printed name of VE Recorder	Katherine Drypolcher

1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-969 • Drum lid filter manufacture date: 12-02 • POC lid filter model: UT9400 • POC lid filter serial number: 026009 • POC lid filter manufacture date: FEB.2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 9-17-15
6	Closure Ring Torque • Drum ring bolts tightened to 50 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 9-17-15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-05R-VE-005

Container Identifier LA00000067583

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SFC II-1-694 Am241/Be	OM	8700	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	8.7kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA☒ None☐ kg	Description	WMP
		NA	NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg		
Total estimated weight (kg) for loaded container.	227.9kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

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Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-005 Page 3 of 3

Container Identifier LA00000067583

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Leonard Manzanares — Printed Name VE Packager — Signature — 12-9-14 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Katherine Drypolcher — Printed Name VE Recorder — Signature — 12-9-14 Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA15-OSR-VE-005

Container Identifier	LA00000067584
Printed name of VE Packager	Leonard Manzanares
Printed name of VE Recorder	Katherine Drypolcher

1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-821 • Drum lid filter manufacture date: 12-02 • POC lid filter model: UT9400 • POC lid filter serial number: 026643 • POC lid filter manufacture date: APR.2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 9-17-15
6	Closure Ring Torque • Drum ring bolts tightened to 50 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 9-17-15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-005 Page 2 of 3

Container Identifier LA00000067584

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SFC II-1-695 Am241/Be	OM	8700	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	8.7kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA☒ None☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg		
Total estimated weight (kg) for loaded container.	227.9kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

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Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-0SR-VE-005 Page 3 of 3

Container Identifier LA00000067584

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Leonard Manzanares — Printed Name VE Packager — Signature — 12-9-14 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Katherine Drypolcher — Printed Name VE Recorder — Signature — 12-9-14 Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA15-05R-VE-005 Page 1 of 3

Container Identifier	LA00000067585
Printed name of VE Packager	Leonard Manzanares
Printed name of VE Recorder	Katherine Drypolcher

1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-903 • Drum lid filter manufacture date: 12-02 • POC lid filter model: UT9400 • POC lid filter serial number: 025979 • POC lid filter manufacture date: FEB.2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 9-17-15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 037369 • Calibration due date of torque wrench 9-17-15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-OSR-VE-005 Page 2 of 3

Container Identifier LA00000067585

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SFC II-1-706 Am241/Be, Cs137	OM	7400	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	7.4kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA☒ None☐ kg	Description	WMP
		NA	NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg		
Total estimated weight (kg) for loaded container.	226.6kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

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Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA15-0SR-VE-005 Page 3 of 3

Container Identifier LA00000067585

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Leonard Manzanares — Printed Name VE Packager

Signature

12-10-14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Katherine Drypolcher — Printed Name VE Recorder

Signature

12-10-14 — Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component	Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000067583**

06265

Isotope **Activity**
Source Markings Source Markings
Markings: 06265 50mCi Am241Be 8/5/86

06488

Isotope **Activity**
Source Markings Source Markings
Markings: 06488 50mCi Am241Be 2/3/83

06489

Isotope **Activity**
Source Markings Source Markings
Markings: 06489 50mCi Am241Be 11/28/83

A-00119

Isotope **Activity**
Source Markings Source Markings
Markings: A-00119 50mCi Am241Be 11/29/90

A-02744

Isotope **Activity**
Source Markings Source Markings
Markings: A-02744 50mCi Am241Be 4/4/95

A5231

Isotope **Activity**
Source Markings Source Markings
Markings: A5231 50mCi Am241Be 11/28/83

A5800

Isotope **Activity**
Source Markings Source Markings
Markings: A5800 50mCi Am241Be 10/22/84

A5807

Isotope **Activity**
Source Markings Source Markings
Markings: A5807 50mCi Am241Be 10/22/84

A5894

Isotope
Source Markings

Activity
Source Markings

Markings: A5894 50mCi Am241Be 11/2/84

A-7491

Isotope
Source Markings

Activity
Source Markings

Markings: A-7491 50mCi Am241Be 11/10/86

A-7574

Isotope
Source Markings

Activity
Source Markings

Markings: A-7574 50mCi Am241Be 3/2/87

A-7796

Isotope
Source Markings

Activity
Source Markings

Markings: A-7796 50mCi Am241Be 3/5/87

A-7934

Isotope
Source Markings

Activity
Source Markings

Markings: A-7934 50mCi Am241Be 6/1/87

A-8726

Isotope
Source Markings

Activity
Source Markings

Markings: A-8726 50mCi Am241Be 1/28/89

A-9010

Isotope
Source Markings

Activity
Source Markings

Markings: A-9010 50mCi Am241Be 6/14/89

A9331

Isotope
Source Markings

Activity
Source Markings

Markings: A9331 50mCi Am241Be 10/13/89

A-9387

Isotope
Source Markings

Activity
Source Markings

Markings: A-9387 50mCi Am241Be 10/5/89

A9686

Isotope
Source Markings
Markings: A9686 50mCi Am241Be 4/7/90

Activity
Source Markings

A-9790

Isotope
Source Markings
Markings: A-9790 50mCi Am241Be 4/25/90

Activity
Source Markings

A-9864

Isotope
Source Markings
Markings: A-9864 50mCi Am241Be 7/23/90

Activity
Source Markings

A-9865

Isotope
Source Markings
Markings: A-9865 50mCi Am241Be 7/23/90

Activity
Source Markings

AM22G

Isotope
Source Markings
Markings: AM22G 50mCi Am241Be 5/26/81

Activity
Source Markings

AM5043

Isotope
Source Markings
Markings: AM5043 300mCi Am241Be 1/25/78

Activity
Source Markings

AM5114

Isotope
Source Markings
Markings: AM5114 50mCi Am241Be 9/30/83

Activity
Source Markings

AM64H

Isotope
Source Markings
Markings: AM64H 50mCi Am241Be 8/6/81

Activity
Source Markings

AM718

Isotope
Source Markings
Markings: AM718 50mCi Am241Be 8/30/79

Activity
Source Markings

AM8711

Isotope
Source Markings

Activity
Source Markings

Markings: AM8711 100mCi Am241Be 2/24/90

AM8891

Isotope
Source Markings

Activity
Source Markings

Markings: AM8891 100mCi Al Am241Be

AM9543

Isotope
Source Markings

Activity
Source Markings

Markings: AM9543 100mCi Am241Be 5/19/94

CAA12782

Isotope
Source Markings

Activity
Source Markings

Markings: CAA12782 40mCi Am241Be 3/29/89

CAA13320

Isotope
Source Markings

Activity
Source Markings

Markings: CAA13320 40mCi Am241Be 8/18/89

CAA13321

Isotope
Source Markings

Activity
Source Markings

Markings: CAA13321 40mCi Am241Be 8/18/89

CAA13498

Isotope
Source Markings

Activity
Source Markings

Markings: CAA13498 40mCi Am241Be 10/25/89

CAA19946

Isotope
Source Markings

Activity
Source Markings

Markings: CAA19946 40mCi Am241Be 6/10/94

CAA6252

Isotope
Source Markings

Activity
Source Markings

Markings: CAA6252 40mCi Am241Be 3/13/84

M17087836

Isotope
Source Markings
Activity
Source Markings

Markings: M17087836 50mCi Am241Be 6/15/87

M300205480

Isotope
Source Markings
Activity
Source Markings

Markings: M300205480 50mCi Am241Be 2/2/77

M300305541

Isotope
Source Markings
Activity
Source Markings

Markings: M300305541 50mCi Am241Be 12/30/87

M300505626

Isotope
Source Markings
Activity
Source Markings

Markings: M300505626 50mCi Am241Be 5/7/81

M311106377

Isotope
Source Markings
Activity
Source Markings

Markings: M311106377 50mCi Am241Be 6/15/78

M320506572

Isotope
Source Markings
Activity
Source Markings

Markings: M320506572 50mCi Am241Be 11/12/79

M320706682

Isotope
Source Markings
Activity
Source Markings

Markings: M320706682 50mCi Am241Be 9/22/78

M321106779

Isotope
Source Markings
Activity
Source Markings

Markings: M321106779 50mCi Am241Be 10/3/80

M330206874

Isotope
Source Markings
Activity
Source Markings

Markings: M330206874 50mCi Am241Be 10/8/82

M330607040

Isotope
Source Markings
Markings: M330607040 50mCi Am241Be 11/26/80

Activity
Source Markings

M330607041

Isotope
Source Markings
Markings: M330607041 50mCi Am241Be 12/12/80

Activity
Source Markings

M350102442

Isotope
Source Markings
Markings: M350102442 50mCi Am241Be 10/3/80

Activity
Source Markings

M360908463

Isotope
Source Markings
Markings: M360908463 50mCi Am241Be 12/11/90

Activity
Source Markings

M371103992

Isotope
Source Markings
Markings: M371103992 50mCi Am241Be 1/16/78

Activity
Source Markings

M380604343

Isotope
Source Markings
Markings: M380604343 50mCi Am241Be 7/21/97

Activity
Source Markings

M380604348

Isotope
Source Markings
Markings: M380604348 50mCi Am241Be 1/4/80

Activity
Source Markings

MD00105463

Isotope
Source Markings
Markings: MD00105463 50mCi Am241Be 8/11/99

Activity
Source Markings

MD00405566

Isotope
Source Markings
Markings: MD00405566 50mCi Am241Be 9/18/98

Activity
Source Markings

MD50902832

Isotope
Source Markings
Markings: MD50902832 50mCi Am241Be 4/24/92

Activity
Source Markings

MD90204856

Isotope
Source Markings
Markings: MD90204856 50mCi Am241Be 7/11/80

Activity
Source Markings

MD90404966

Isotope
Source Markings
Markings: MD90404966 50mCi Am241Be 8/15/84

Activity
Source Markings

MD90605146

Isotope
Source Markings
Markings: MD90605146 50mCi Am241Be 3/2/87

Activity
Source Markings

MD90705223

Isotope
Source Markings
Markings: MD90705223 50mCi Am241Be 3/11/98

Activity
Source Markings

MM4095599

Isotope
Source Markings
Markings: MM4095599 50mCi Am241Be 7/20/84

Activity
Source Markings

T1159

Isotope
Source Markings
Markings: T1159 40mCi MRC Am241Be 4/7/83

Activity
Source Markings

Source Serial No. **LA00000067584**

A-00055

Isotope
Source Markings
Markings: A-00055 50mCi Am241Be 10/20/90

Activity
Source Markings

A5902

Isotope
Source Markings
Markings: A5902 50mCi Am241Be 11/2/84

Activity
Source Markings

A-6326

Isotope
Source Markings
Markings: A-6326 50mCi Am241Be 7/22/85

Activity
Source Markings

A-6484

Isotope
Source Markings
Markings: A-6484 50mCi Am241Be 10/24/85

Activity
Source Markings

A-7707

Isotope
Source Markings
Markings: A-7707 50mCi Am241Be 4/3/87

Activity
Source Markings

A-8173

Isotope
Source Markings
Markings: A-8173 50mCi Am241Be 11/26/87

Activity
Source Markings

A-8536

Isotope
Source Markings
Markings: A-8536 50mCi Am241Be 10/5/88

Activity
Source Markings

A-9981

Isotope
Source Markings
Markings: A-9981 50mCi Am241Be 10/2/90

Activity
Source Markings

A-9983

Isotope
Source Markings
Markings: A-9983 50mCi Am241Be 10/2/90

Activity
Source Markings

AM28L

Isotope
Source Markings
Markings: AM28L 50mCi Am241Be 2/9/82

Activity
Source Markings

AM300

Isotope
Source Markings
Markings: AM300 50mCi Am241Be 3/2/83

Activity
Source Markings

AM330

Isotope **Activity**
Source Markings Source Markings
Markings: AM330 50mCi Am241Be 4/15/83

AM50

Isotope **Activity**
Source Markings Source Markings
Markings: AM50 50mCi Am241Be 2/13/78

AM631

Isotope **Activity**
Source Markings Source Markings
Markings: AM631 50mCi Am241Be 6/29/79

AM7650

Isotope **Activity**
Source Markings Source Markings
Markings: AM7650 300mCi Al Am241Be

AM785

Isotope **Activity**
Source Markings Source Markings
Markings: AM785 50mCi Am241Be 11/15/79

AM89D

Isotope **Activity**
Source Markings Source Markings
Markings: AM89D 50mCi Am241Be 11/6/80

CAA11258

Isotope **Activity**
Source Markings Source Markings
Markings: CAA11258 40mCi Al Am241Be

CAA11456

Isotope **Activity**
Source Markings Source Markings
Markings: CAA11456 40mCi Al Am241Be

CAA1176

Isotope **Activity**
Source Markings Source Markings
Markings: CAA1176 40mCi TRC Am241Be

CAA11902

Isotope Source Markings
Markings: CAA11902 40mCi Al Am241Be

Activity Source Markings

CAA12100

Isotope Source Markings
Markings: CAA12100 40mCi Al Am241Be

Activity Source Markings

CAA12130

Isotope Source Markings
Markings: CAA12130 40mCi Al Am241Be

Activity Source Markings

CAA12886

Isotope Source Markings
Markings: CAA12886 40mCi Al Am241Be

Activity Source Markings

CAA1646

Isotope Source Markings
Markings: CAA1646 40mCi TRC Am241Be 1319NE

Activity Source Markings

CAA1752

Isotope Source Markings
Markings: CAA1752 40mCi TRC Am241Be 1425NE

Activity Source Markings

CAA24945

Isotope Source Markings
Markings: CAA24945 40mCi Al Am241Be

Activity Source Markings

CAA2760

Isotope Source Markings
Markings: CAA2760 40mCi TRC Am241Be 2795NE

Activity Source Markings

CAA328

Isotope Source Markings
Markings: CAA328 40mCi TRC Am241Be

Activity Source Markings

CAA4392	Isotope Source Markings Markings: CAA4392 40mCi TRC Am241Be	Activity Source Markings
CAA5258	Isotope Source Markings Markings: CAA5258 40mCi Al Am241Be	Activity Source Markings
CAA5486	Isotope Source Markings Markings: CAA5486 40mCi Al Am241Be	Activity Source Markings
CAA6145	Isotope Source Markings Markings: CAA6145 40mCi Al Am241Be	Activity Source Markings
CAA7346	Isotope Source Markings Markings: CAA7346 40mCi Al Am241Be	Activity Source Markings
CAA8938	Isotope Source Markings Markings: CAA8938 40mCi Al Am241Be	Activity Source Markings
CAA9057	Isotope Source Markings Markings: CAA9057 40mCi AlAm241Be	Activity Source Markings
CAA9216	Isotope Source Markings Markings: CAA9216 40mCi Al Am241Be	Activity Source Markings
CAA9894	Isotope Source Markings Markings: CAA9894 40mCi Al Am241Be	Activity Source Markings

H300405605	**Isotope** Source Markings	**Activity** Source Markings
	Markings: H300405605 50mCi Am241Be 2/13/78	
H30113548	**Isotope** Source Markings	**Activity** Source Markings
	Markings: H30113548 50mCi Am241Be 10/31/80	
H310200071	**Isotope** Source Markings	**Activity** Source Markings
	Markings: H310200071 50mCi Am241Be 10/20/90	
H310900495	**Isotope** Source Markings	**Activity** Source Markings
	Markings: H310900495 50mCi Al Am241Be 1543NK	
M17077814	**Isotope** Source Markings	**Activity** Source Markings
	Markings: M17077814 50mCi Am241Be 5/19/87	
M320901070	**Isotope** Source Markings	**Activity** Source Markings
	Markings: M320901070 50mCi Am241Be 6/17/92	
M330101242	**Isotope** Source Markings	**Activity** Source Markings
	Markings: M330101242 50mCi Am241Be 7/28/92	
M350102441	**Isotope** Source Markings	**Activity** Source Markings
	Markings: M350102441 50mCi Am241Be 6/29/79	
M350902872	**Isotope** Source Markings	**Activity** Source Markings
	Markings: M350902872 50mCi Am241Be 4/4/95	

M361203517

Isotope
Source Markings
Markings: M361203517 50mCi Am241Be 1/16/78

Activity
Source Markings

M370403661

Isotope
Source Markings
Markings: M370403661 50mCi Am241Be 8/7/96

Activity
Source Markings

M370403662

Isotope
Source Markings
Markings: M370403662 50mCi Am241Be 8/7/96

Activity
Source Markings

M370403663

Isotope
Source Markings
Markings: M370403663 50mCi Am241Be 8/7/96

Activity
Source Markings

M370903916

Isotope
Source Markings
Markings: M370903916 50mCi Am241Be 1/16/97

Activity
Source Markings

M390404992

Isotope
Source Markings
Markings: M390404992 50mCi Am241Be 7/11/80

Activity
Source Markings

M390805255

Isotope
Source Markings
Markings: M390805255 50mCi Am241Be 4/27/98

Activity
Source Markings

MD00105466

Isotope
Source Markings
Markings: MD00105466 50mCi Am241Be 8/11/99

Activity
Source Markings

MD00405577

Isotope
Source Markings
Markings: MD00405577 50mCi Am241Be 10/19/98

Activity
Source Markings

MD00605743

Isotope
Source Markings
Activity
Source Markings

Markings: MD00605743 50mCi Am241Be 10/1/86

MD0069645

Isotope
Source Markings
Activity
Source Markings

Markings: MD0069645 50mCi Am241Be 3/15/90

MD00905872

Isotope
Source Markings
Activity
Source Markings

Markings: MD00905872 50mCi Am241Be 8/24/99

MD0129986

Isotope
Source Markings
Activity
Source Markings

Markings: MD0129986 50mCi Am241Be 10/2/90

MD10306068

Isotope
Source Markings
Activity
Source Markings

Markings: MD10306068 50mCi Am241Be 10/27/78

MD10700371

Isotope
Source Markings
Activity
Source Markings

Markings: MD10700371 50mCi Am241Be 3/13/91

MD30501455

Isotope
Source Markings
Activity
Source Markings

Markings: MD30501455 50mCi Am241Be 11/13/92

MD40107277

Isotope
Source Markings
Activity
Source Markings

Markings: MD40107277 50mCi Am241Be 4/3/87

MD40502027

Isotope
Source Markings
Activity
Source Markings

Markings: MD40502027 50mCi Am241Be 8/3/77

MD50502651	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD50502651 50mCi Am241Be 8/6/81	
MD60703307	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD60703307 50mCi Am241Be 5/20/83	
MD71104015	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD71104015 50mCi Am241Be 3/29/78	
MD80304175	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD80304175 50mCi Am241Be 5/8/97	
MD81104673	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD81104673 50mCi Am241Be 2/9/82	
MD90304936	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD90304936 50mCi Am241Be 4/11/78	
MD90705175	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD90705175 50mCi Am241Be 5/3/98	
MD90705224	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD90705224 50mCi Am241Be 3/11/98	
MD90805269	**Isotope** Source Markings	**Activity** Source Markings
	Markings: MD90805269 50mCi Am241Be 2/2/77	

NE4499

Isotope
Source Markings
Activity
Source Markings

Markings: NE4499 50mCi Am241Be 6/3/80

T1528

Isotope
Source Markings
Activity
Source Markings

Markings: T1528 MRC AmBe 40mCi 8/29/83

Source Serial No. **LA00000067585**

03614

Isotope
Source Markings
Activity
Source Markings

Markings: 03614 50mCi Am241Be 8/14/79

04855

Isotope
Source Markings
Activity
Source Markings

Markings: 04855 50mCi Am241Be 6/26/80

A20059578

Isotope
Source Markings
Activity
Source Markings

Markings: A20059578 100mCi Am241Be 6/20/89

A230506967

Isotope
Source Markings
Activity
Source Markings

Markings: A230506967 100mCi Am241Be 4/4/87

A250602674

Isotope
Source Markings
Activity
Source Markings

Markings: A250602674 100mCi Am241Be 10/29/86

A27087877

Isotope
Source Markings
Activity
Source Markings

Markings: A27087877 100mCi Am241Be 10/3/86

A27128029

Isotope
Source Markings

Activity
Source Markings

Markings: A27128029 100mCi Am241Be 2/4/87

A29089067

Isotope
Source Markings

Activity
Source Markings

Markings: A29089067 100mCi Am241Be 5/20/87

A29109128

Isotope
Source Markings

Activity
Source Markings

Markings: A29109128 100mCi Am241Be 4/13/89

A29109131

Isotope
Source Markings

Activity
Source Markings

Markings: A29109131 100mCi Am241Be 4/13/89

A29109132

Isotope
Source Markings

Activity
Source Markings

Markings: A29109132 100mCi Am241Be 4/13/89

A29109133

Isotope
Source Markings

Activity
Source Markings

Markings: A29109133 100mCi Am241Be 4/13/89

A29109134

Isotope
Source Markings

Activity
Source Markings

Markings: A29109134 100mCi Am241Be 4/13/89

A29119223

Isotope
Source Markings

Activity
Source Markings

Markings: A29119223 100mCi Am241Be 3/28/88

A29119225

Isotope
Source Markings

Activity
Source Markings

Markings: A29119225 100mCi Am241Be 3/28/88

A29119226

Isotope
Source Markings
Activity
Source Markings

Markings: A29119226 100mCi Am241Be 3/28/88

AM8268

Isotope
Source Markings
Activity
Source Markings

Markings: AM8268 100mCi Al Am241Be

AM9387

Isotope
Source Markings
Activity
Source Markings

Markings: AM9387 100mCi Al Am241Be

C7403NE42

Isotope
Source Markings
Activity
Source Markings

Markings: C7403NE42 50mCi Am241Be 10mCi Cs137 2/22/74

C7405E2

Isotope
Source Markings
Activity
Source Markings

Markings: C7405E2 50mCi Am241Be 10mCi Cs137 5/16/74

CAA11331

Isotope
Source Markings
Activity
Source Markings

Markings: CAA11331 40mCi Al Am241Be

CAA11568

Isotope
Source Markings
Activity
Source Markings

Markings: CAA11568 40mCi Al Am241Be

CAA11713

Isotope
Source Markings
Activity
Source Markings

Markings: CAA11713 40mCi Al Am241Be

CAA12114

Isotope
Source Markings
Activity
Source Markings

Markings: CAA12114 40mCi Al Am241Be

CAA13835

Isotope Source Markings
Markings: CAA13835 40mCi Al Am241Be

Activity Source Markings

CAA7915

Isotope Source Markings
Markings: CAA7915 40mCi Al Am241Be

Activity Source Markings

CAA8471

Isotope Source Markings
Markings: CAA8471 40mCi Al Am241Be

Activity Source Markings

CAA855 (0239NE)

Isotope Source Markings
Markings: CAA855 40mCi TRC Am241Be 0239NE

Activity Source Markings

M370903915

Isotope Source Markings
Markings: M370903915 50mCi Am241Be 1/16/97

Activity Source Markings

MD61008469

Isotope Source Markings
Markings: MD61008469 50mCi Am241Be 2/5/93

Activity Source Markings

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067583					
II-1-694					
	CPN (InstroTek, Inc.)	06265	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	06488	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	06489	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-00119	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-02744	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A5231	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A5800	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A5807	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A5894	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-7491	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-7574	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-7796	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-7934	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-8726	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-9010	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A9331	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-9387	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A9686	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-9790	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-9864	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-9865	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM22G	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM5043	241Am/Be	0.09	0.30
	CPN (InstroTek, Inc.)	AM5114	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM64H	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM718	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM8711	241Am/Be	0.03	0.10
	CPN (InstroTek, Inc.)	AM8891	241Am/Be	0.03	0.10
	CPN (InstroTek, Inc.)	AM9543	241Am/Be	0.03	0.10
	CPN (InstroTek, Inc.)	CAA12782	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA13320	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	CPN (InstroTek, Inc.)	CAA13321	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA13498	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA19946	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA6252	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	M17087836	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M300205480	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M300305541	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M300505626	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M311106377	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M320506572	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M320706682	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M321106779	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M330206874	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M330607040	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M330607041	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M350102442	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M360908463	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M371103992	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M380604343	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M380604348	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD00105463	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD00405566	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD50902832	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90204856	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90404966	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90605146	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90705223	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MM4095599	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	T1159	241Am/Be	0.01	0.04
Total Sources in SFCII-1-694 (60 sources)					
Sum				***0.96***	***3.33***
Total Sources in SFCs in LA00000067583 (60 sources)					
Sum				***0.96***	***3.33***

LA00000067584

II-1-695

	CPN (InstroTek, Inc.)	A-00055	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A5902	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-6326	241Am/Be	0.01	0.05

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	CPN (InstroTek, Inc.)	A-6484	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-7707	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-8173	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-8536	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-9981	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	A-9983	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM28L	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM300	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM330	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM50	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM631	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM7650	241Am/Be	0.09	0.30
	CPN (InstroTek, Inc.)	AM785	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	AM89D	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	CAA11258	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA11456	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA1176	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA11902	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA12100	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA12130	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA12886	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA1646	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA1752	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA24945	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA2760	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA328	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA4392	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA5258	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA5486	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA6145	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA7346	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA8938	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA9057	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA9216	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	CAA9894	241Am/Be	0.01	0.04
	CPN (InstroTek, Inc.)	H300405605	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	H30113548	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	H310200071	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	H310900495	241Am/Be	0.01	0.05

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	CPN (InstroTek, Inc.)	M17077814	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M320901070	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M330101242	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M350102441	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M350902872	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M361203517	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M370403661	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M370403662	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M370403663	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M370903916	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M390404992	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	M390805255	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD00105466	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD00405577	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD00605743	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD0069645	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD00905872	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD0129986	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD10306068	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD10700371	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD30501455	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD40107277	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD40502027	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD50502651	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD60703307	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD71104015	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD80304175	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD81104673	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90304936	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90705175	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90705224	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	MD90805269	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	NE4499	241Am/Be	0.01	0.05
	CPN (InstroTek, Inc.)	T1528	241Am/Be	0.01	0.04
Total Sources in SFCII-1-695 (76 sources)					
Sum				*1.10*	*3.83*
Total Sources in SFCs in LA00000067584 (76 sources)					
Sum				*1.10*	*3.83*

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
LA00000067585					
II-1-706					
	CPN (InstroTek, Inc.)	03614	241Am/Be		0.05
	CPN (InstroTek, Inc.)	04855	241Am/Be		0.05
	CPN (InstroTek, Inc.)	A20059578	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A230506967	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A250602674	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A27087877	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A27128029	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29089067	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29109128	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29109131	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29109132	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29109133	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29109134	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29119223	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29119225	241Am/Be		0.10
	CPN (InstroTek, Inc.)	A29119226	241Am/Be		0.10
	CPN (InstroTek, Inc.)	AM8268	241Am/Be		0.10
	CPN (InstroTek, Inc.)	AM9387	241Am/Be		0.10
	CPN (InstroTek, Inc.)	C7403NE42	241Am/Be/137Cs		0.05
	CPN (InstroTek, Inc.)	C7405E2	241Am/Be/137Cs		0.05
	CPN (InstroTek, Inc.)	CAA11331	241Am/Be		0.04
	CPN (InstroTek, Inc.)	CAA11568	241Am/Be		0.04
	CPN (InstroTek, Inc.)	CAA11713	241Am/Be		0.04
	CPN (InstroTek, Inc.)	CAA12114	241Am/Be		0.04
	CPN (InstroTek, Inc.)	CAA13835	241Am/Be		0.04
	CPN (InstroTek, Inc.)	CAA7915	241Am/Be		0.04
	CPN (InstroTek, Inc.)	CAA8471	241Am/Be		0.04
	CPN (InstroTek, Inc.)	CAA855 (0239NE)	241Am/Be		0.04
	CPN (InstroTek, Inc.)	M370903915	241Am/Be		0.05
	CPN (InstroTek, Inc.)	MD61008469	241Am/Be		0.05
	Total Sources in SFCII-1-706 (30 sources)				
	Sum				2.22
Total Sources in SFCs in LA00000067585 (30 sources)					
Sum					2.22
Grand Total				*2.06*	*9.38*

Radiological Contamination Surveys

OSRP RADIOLOGICAL SURVEY FORM

Survey Number: 29026952

Sample Description

Date: 12/9/2014 **Time:** 0820 - 1700 hrs **No. of Samples:** 29

Location: CPN/Instrotek, Concord, CA

Location: n/a

RCT: John W. Elliott **Z Number:** 115629

Phone: 665-7461 **Cell Phone:** 231-2132

Purpose of Survey / Additional Information

[X] Routine [ ] Pre-Job [ ] Post-Job

[X] Other OSRP

Isotope(s) of concern: Am-241, Cs-137

RP Review By

Name: Mark Bayless **Z Number:** 099795

Signature: Mark Bayless

Instrumentation

TYPE	HSE No.	CAL Due	% EFF	CF	Probe Area	BKG	MDA
Alpha S43-10-1	13652	2/10/2015	38.9	1	n/a	1.3	9.5
Beta S43-10-1	13652	2/10/2015	35.4	1	n/a	178	77.6
Alpha SHP-380AB	n/a	n/a	n/a	n/a	100 cm^2	n/a	n/a
Beta SHP-380AB	n/a	n/a	n/a	n/a	100 cm^2	n/a	n/a
SHP-360	n/a	n/a	n/a	n/a	15.5 cm^2	n/a	n/a
SHP-270	13692	7/16/2015	n/a	n/a	n/a	<0.1 mR/h	~0.1mR/h
SNRD	82	6/10/2015	n/a	n/a	n/a	<0.1mrem/h	0.25mrem/h

[X] Smears Counted at HPAL, see HPAL results for MDA — [X] Smears counted in the field

Remarks

E-600 - PN012143 - Cal Due 5/1/2015
E-600 - PN012144 - Cal Due 5/1/2015
E-600 - PN012296 - Cal Due 10/3/2015

Sample Tracking Number

29026952

Survey Point	Item / Area	Field Smear Results α dpm/100 cm^2	Field Smear Results β/γ dpm/100 cm^2	HPAL Smear Results α dpm/100 cm2	HPAL Smear Results β/γ dpm/100 cm2	Tritium Smear Survey dpm/100 cm2	External Radiation Survey (mrem/hr) on Contact gamma mR/h	on Contact neutron mrem/h	at 30 cm gamma mR/h	at 30 cm neutron mrem/h	at 1 Meter gamma mR/h	at 1 Meter neutron mrem/hr
1	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
3	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
4	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
5	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6	Am241Be sources	43	NDA	52	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
7	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
8	SFC SN: II-1-694	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
9	drum LA67583 -- top -- contains SFC SN: II-1-694	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
10	drum LA67583 -- ring	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
11	drum LA67583 -- seam (higest dose on drum)	NDA	NDA	NDA	NDA	n/a	3.3	3.5	n/a	n/a	0.5	1.2
12	drum LA67583 -- side	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
13	drum LA67583 -- bottom	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
14	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
15	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a

OSRP RADIOLOGICAL SURVEY FORM

Survey Number: 29026952

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey (mrem/hr)					
		α	β/γ	α	β/γ	Smear Survey	on Contact		at 30 cm		at 1 Meter	
		dpm/100 cm²	dpm/100 cm²	dpm/100 cm2	dpm/100 cm2	dpm/100 cm2	gamma mR/h	neutron mrem/h	gamma mR/h	neutron mrem/h	gamma mR/h	neutron mrem/hr
16	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
17	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
18	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
19	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
20	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21	SFC SN: II-1-695	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
22	drum LA67584 – top – contains SFC SN: II-1-695	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
23	drum LA67584 – ring	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
24	drum LA67584 – seam (highest dose on drum)	NDA	NDA	NDA	NDA	n/a	**3.6**	**5.6**	n/a	n/a	**0.6**	**1.1**
25	drum LA67584 – side	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
26	drum LA67584 – bottom	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
27	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
28	Am241Be sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
29	Am241Be, Cs137 sources	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
30	**LAST ITEM - END OF SURVEY**	**N/A**	**N/A**	**N/A**	**N/A**	**n/a**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
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OSRP RADIOLOGICAL SURVEY FORM

Survey Number: 29026953

Sample Description

Date: 12/10/2014 **Time:** 0915 - 1200 hrs **No. of Samples:** 23

Location: CPN/Instrotek, Concord, CA

Location: n/a

RCT: John W. Elliott **Z Number:** 115629

Phone: 665-7461 **Cell Phone:** 231-2132

RP Review By

Name: Mark Bayless **Z Number:** 099795

Signature: Mark Bayless

Purpose of Survey / Additional Information

☐ Routine ☐ Pre-Job ☒ Post-Job ☒ Other OSRP

Isotope(s) of concern: Am-241, Cs-137

Instrumentation

TYPE	HSE No.	CAL Due	% EFF	CF	Probe Area	BKG	MDA
Alpha S43-10-1	13652	2/10/2015	38.9	1	n/a	1.3	9.5
Beta S43-10-1	13652	2/10/2015	35.4	1	n/a	175	76.9
Alpha SHP-380AB	n/a	n/a	n/a	n/a	100 cm^2	n/a	n/a
Beta SHP-380AB	n/a	n/a	n/a	n/a	100 cm^2	n/a	n/a
SHP-360	n/a	n/a	n/a	n/a	15.5 cm^2	n/a	n/a
SHP-270	13692	7/16/2015	n/a	n/a	n/a	<0.1 mR/h	~0.1mR/h
SNRD	82	6/10/2015	n/a	n/a	n/a	<0.1mrem/h	0.25mrem/h

X Smears Counted at HPAL, see HPAL results for MDA X Smears counted in the field

Remarks

E-600 - PN012143 - Cal Due 5/1/2015
E-600 - PN012144 - Cal Due 5/1/2015
E-600 - PN012296 - Cal Due 10/3/2015

Sample Tracking Number

29026953

Survey Point	Item / Area	Field Smear Results α dpm/100 cm^2	Field Smear Results β/γ dpm/100 cm^2	HPAL Smear Results α dpm/100 cm2	HPAL Smear Results β/γ dpm/100 cm2	Tritium Smear Survey dpm/100 cm2	External Radiation Survey (mrem/hr) on Contact gamma mR/h	on Contact neutron mrem/h	at 30 cm gamma mR/h	at 30 cm neutron mrem/h	at 1 Meter gamma mR/h	at 1 Meter neutron mrem/hr
1	SFC SN: II-1-706	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2	tools	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
3	tools	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
4	poly shield	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
5	channel lock pliers and tweezers	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
6	drum LA6758S -- top -- contains SFC SN: II-1-706	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
7	drum LA6758S -- ring	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
8	drum LA6758S -- seam (highest dose on drum)	NDA	NDA	NDA	NDA	n/a	**4.3**	**2.8**	n/a	n/a	**1.1**	**0.9**
9	drum LA6758S -- side	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
10	drum LA6758S -- bottom	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
11	scale	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
12	tools	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
13	post job -- poly and shield well	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
14	post job -- lead shield	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
15	post job -- left of shield	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a

OSRP RADIOLOGICAL SURVEY FORM

Survey Number: 29026953

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey (mrem/hr)					
		α	β/γ	α	β/γ	Smear Survey	on Contact		at 30 cm		at 1 Meter	
		dpm/100 cm²	dpm/100 cm²	dpm/100 cm2	dpm/100 cm2	dpm/100 cm2	gamma mR/h	neutron mrem/h	gamma mR/h	neutron mrem/h	gamma mR/h	neutron mrem/hr
16	post job -- right side of shield	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
17	post job -- floor in front of shield	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
18	post job -- 2nd bench	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
19	post job -- floor in front of 2nd bench	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
20	post job -- 3rd bench	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21	post job -- count bench	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
22	post job -- count bench	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
23	post job -- count bench	NDA	NDA	NDA	NDA	n/a	n/a	n/a	n/a	n/a	n/a	n/a
24	**LAST ITEM - END OF SURVEY**	**N/A**	**N/A**	**N/A**	**N/A**	**n/a**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
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Other Information

Drum numbers LA00000067583, LA00000067584, LA00000067585 of BDRs LA15-OSR-VE-005 and LA15-OSR-CH-005: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc). This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 where as the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
6) For Monsanto sources supplied to Troxler, the source number has a T prefix (standing for Troxler), but some of the source certificates for these sources do not include the pre-fix; for example T1187 is listed as 1187 on the source certificate.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000067583	LA-UR-15-24658	M332
LA00000067584	LA-UR-15-24658	M332
LA00000067585	LA-UR-15-24658	M332

DIVIDER

PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA14-OSR-VE-007 **Examination Date(s):** 3/4/14, 6/16/14, 6/17/14

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			COPY
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000062758, LA00000067525, LA00000067526, LA00000067546
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 9/3/14

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-007				Examination Date(s): 3/4/14, 6/16/14, 6/17/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-007 **Examination Date(s):** 3/4/14, 6/16/14, 6/17/14

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-007 **Examination Date(s):** 3/4/14, 6/16/14, 6/17/14

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			

Comments: N/A

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Terri-Anne Groover		8/28/14
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA14-OSR-VE-007	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000062758	11	NA
2	LA00000067525	12	NA
3	LA00000067526	13	NA
4	LA00000067546	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

IOANA WITKOWSKI (Printed Name) — Ioana Witkowski (Signature) — 8/26/14 (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 8/27/14

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA14-OSR-VE-007

Table of Contents

Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	17
6	List of Acceptable Knowledge Documentation Identifier	18
7	List of Sources in Special Form Capsules	20
8	Copy of Radiological Contamination Surveys	23
9	List of Special Form Documentation	NA
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	30

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

VE BDR LA14-OSR-VE-007

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☑Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6 .
☐Yes ☐No ☑NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☑Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☑Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☑Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☑Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☑Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☑Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☑Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☑Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☑NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☑Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☑Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☑Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: None	

Independent Technical Review conducted by:

IOANA WITKOWSKI	Ioana Witkowski	8/26/14
VE Independent Technical Reviewer (Printed Name)	(Signature)	(Date)

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA19-05R-VE-007 Page 1 of 3

Container Identifier	LA000000062758
Printed name of VE Packager	Charles Streeper
Printed name of VE Recorder	Adam MARTINEZ

Step	Requirement
1	*Indicate the container configuration used (refer to Attachment 2 for configuration types. (check one)*: ___ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B X S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL 019 FPD • Drum lid filter serial number: BF-165 • Drum lid filter manufacture date: 02/05 • POC lid filter model: UT9400 • POC lid filter serial number: 027363 • POC lid filter manufacture date: JUL. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 041181 • Calibration due date of torque wrench 12/11/14
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 041181 • Calibration due date of torque wrench 12/11/14

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA19-OSR-VE-007 Page 2 of 3

Container Identifier LA0000006275 8

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (If any)
1	239 Pu Be SFC III-1-195	OM	4000	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	4.0 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☒ None ☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	191.6 kg		
Total estimated weight (kg) for loaded container.	195.6 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-007 Page 3 of 3

Container Identifier LA0000006 2758

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.
Zero ~~No additional~~ layers of confinement
ca 3/4/14

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Charles Streeper — Printed Name VE Packager
Signature
3/4/14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez — Printed Name VE Recorder
Signature
3/4/14 — Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-0SR-VE-007 Page 1 of 3

Container Identifier	LA 000900 67525
Printed name of VE Packager	Rick Day
Printed name of VE Recorder	Michael Fennings

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B ✓ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NucFil 019 EPD • Drum lid filter serial number: LD-219 • Drum lid filter manufacture date: 12/03 • POC lid filter model: UT9400 • POC lid filter serial number: 027264 • POC lid filter manufacture date: Jul. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☑ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☑ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☑ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☑ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☑ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☑ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☑ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 04/16/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 04/10/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-007 Page 2 of 3

Container Identifier LA000000067525

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	$^{239}Pu/Be$, SFC II-1-684	OM	7200	None
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

RSD 6-17-14

Total estimated weight (kg) for each WMP listed for above items.	7.2 kg	[redacted]
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☑ None ☐ kg	Description: NA; WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	191.6 kg	[redacted]
Total estimated weight (kg) for loaded container.	198.8 kg	[redacted]
Container percent full.	95 %	[redacted]

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA-OSR-VE-007 (LAM) RSD 7-1-14 Page 3 of 3

Container Identifier LA00000067525

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☑	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☑	2. Non-radionuclide pyrophoric material.
☐	☑	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☑	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☑	5. Explosives.
☐	☑	6. Compressed gas or potentially pressurized containers.
☐	☑	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☑	8. Wastes exhibiting the characteristic of ignitability.
☐	☑	9. Wastes exhibiting the characteristic of reactivity.
☐	☑	10. Wastes exhibiting the characteristic of corrosivity.
☐	☑	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☑	12. Inadequately blocked or braced sharp or heavy items.
☐	☑	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There are Zero layers of Containment

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Rick Day — Printed Name VE Packager — Signature — 6-17-14 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Fanning — Printed Name VE Recorder — Signature — 6-17-14 Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-0SR-VE-007 Page 1 of 3

Container Identifier	LA000006 7526
Printed name of VE Packager	MICHAEL Fanning
Printed name of VE Recorder	RICK DAY

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ✓ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: Nuclfil-013 • Drum lid filter serial number: LC913 • Drum lid filter manufacture date: 12/02 • POC lid filter model: VT9400 • POC lid filter serial number: 025973 • POC lid filter manufacture date: Feb ~~2003~~ 2003 4/17/14
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☑ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☑ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☑ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☑ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☑ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☑ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☑ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 04/10/15
6	Closure Ring Torque • Drum ring bolts tightened to 55 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 04/10/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-007 Page 2 of 3

Container Identifier LA 000000067526

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	241AmBe 241Am SFC II-1-682	OM	7200	NONE
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

MZ 6/12/14

Total estimated weight (kg) for each WMP listed for above items.	7.2 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☑ None ☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2 kg		
Total estimated weight (kg) for loaded container.	226.4 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-007 Page 3 of 3

Container Identifier LA0000006 7526

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☑	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☑	2. Non-radionuclide pyrophoric material.
☐	☑	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☑	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☑	5. Explosives.
☐	☑	6. Compressed gas or potentially pressurized containers.
☐	☑	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☑	8. Wastes exhibiting the characteristic of ignitability.
☐	☑	9. Wastes exhibiting the characteristic of reactivity.
☐	☑	10. Wastes exhibiting the characteristic of corrosivity.
☐	☑	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☑	12. Inadequately blocked or braced sharp or heavy items.
☐	☑	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There are zero Layers of Containment

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Fanning — Printed Name VE Packager; Signature; 6-17-14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Rick Day — Printed Name VE Recorder; Signature; 6-17-14 — Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA19-0SR-VE-007 Page 1 of 3

Container Identifier	LA000000067546
Printed name of VE Packager	Adam Martinez
Printed name of VE Recorder	Charles Streeper

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B X S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NWCFIL 019 EPD • Drum lid filter serial number: BF-145 • Drum lid filter manufacture date: 02/05 • POC lid filter model: UT 1400 • POC lid filter serial number: 027505 • POC lid filter manufacture date: JUL. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 037368 • Calibration due date of torque wrench 10/03/14
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs. • Torque Wrench ID # 037368 • Calibration due date of torque wrench 10/03/14

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-007 Page 2 of 3

Container Identifier LA0000000 67546

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (if any)
1	$Pu^{239}Be$, SFC II-1-620	OM	7200	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	7.2 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☒ None ☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	191.6 kg		
Total estimated weight (kg) for loaded container.	198.8 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-007 Page 3 of 3

Container Identifier LA0000000 67546

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.
This drum was packaged with "0" layers of confinement

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez — Printed Name VE Packager — Signature — 6/16/14 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Charles Streeper — Printed Name VE Recorder — Signature — 6/16/14 Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component		Estimated Component(s) Weight (kg)					
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000062758**

N320C37 NMMSS

Record Numbers: 05463

Source Serial No. **LA00000067525**

N320B28 NMMSS

Markings: 320B28
Record Numbers: 05463

N480M13 NMMSS

Markings: 480M13
Record Numbers: 05463

Source Serial No. **LA00000067526**

914

Isotope	Activity
Sales Catalogue	Other Doc

Markings: MRC AM
Comments: Source dimension 1.5" x 3.5"
Record Numbers: 04562

VL-1-906

Isotope	Activity
Source Markings	Source Markings

Markings: VL-1-906 AM-241 1Ci
Comments: Gulf Nuclear

Source Serial No. **LA00000067546**

N320B5 NMMSS

Markings: 320B5
Record Numbers: 05463

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000062758					
III-1-195					
	Indiana University of Pennsylvania	N320C37	239Pu/Be	29.00	1.82
	Total Sources in SFCIII-1-195 (1 source)				
	Sum			***29.00***	***1.82***
Total Sources in SFC in container LA00000062758 (1 source)					
Sum				***29.00***	***1.82***
LA00000067525					
II-1-684					
	University of Arkansas - Fayetteville	N320B28	239Pu/Be	29.76	1.87
	University of Arkansas - Fayetteville	N480M13	239Pu/Be	44.02	2.77
	Total Sources in SFCII-1-684 (2 sources)				
	Sum			***73.78***	***4.64***
Total Sources in SFC in container LA00000067525 (2 sources)					
Sum				***73.78***	***4.64***
LA00000067526					
II-1-682					
	University of Arkansas - Fayetteville	914	241Am/Be	7.09	24.60
	University of Arkansas - Fayetteville	VL-1-906	241Am	0.29	1.00
	Total Sources in SFCII-1-682 (2 sources)				
	Sum			***7.38***	***25.60***
Total Sources in SFC in container LA00000067526 (2 sources)					
Sum				***7.38***	***25.60***
LA00000067546					
II-1-620					
	University of Alberta	N320B5	239Pu/Be	29.77	1.87
	Total Sources in SFCII-1-620 (1 source)				
	Sum			***29.77***	***1.87***

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
Total Sources in SFC in container LA00000067546 (1 source)					
Sum				29.77	1.87
Grand Total				***139.93***	***33.93***

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 03/04/14 No. of Samples: 19

TA: Rm: n/a

RCT: Billy Terrazas Z Number: 115030

RCT Signature: MS: E541

Phone: 5-9238 Fax: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13658	1/9/2015	0.3640	1	9.6	32.08
Beta S43-10-1	13658	1/10/2015	0.3620	1	161	128.41
Shp 270	13184	10/1/2014			<0.5	~0.1mR/hr
SNRD	13757	4/2/2014			<0.5	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☑ MEARS COUNTED IN FIELD

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: Indiana University of Pennsylvania

FIELD SMEAR COUNTER MDA (dpm)

alpha: 32.08

beta: 128.41

SAMPLE TRACKING NUMBER

29147092

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a Incident No.: n/a

RP-1 REVIEW BY

157423

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	pre-job count table	nda	nda	nda	nda	n/a						
2	pre-job sfc table	nda	nda	nda	nda	n/a						
3	pre-job source storage shield	nda	nda	nda	nda	n/a						
4	pre-job howitzer	nda	nda	nda	nda	n/a						
5	pre-job howitzer	nda	nda	nda	nda	n/a						
6	pre-job floor	nda	nda	nda	nda	n/a						
7	pre-job floor	nda	nda	nda	nda	n/a						
8	drill motor & bit	nda	nda	nda	nda	n/a						
9	leak test 239PuBe source	nda	nda	nda	nda	n/a						
10	SFC III-1-195 w/ 239PuBe source	nda	nda	nda	nda	n/a						
11	post-job howitzer	nda	nda	nda	nda	n/a						
12	post-job howitzer	nda	nda	nda	nda	n/a						
13	post-job tools	nda	nda	nda	nda	n/a						
14	post-job tools	nda	nda	nda	nda	n/a						
15	Drum LA62758 w/SFC III-1-195 top	nda	nda	nda	nda	n/a						

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147092

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Drum LA62758 w/SFC III-1-195 ring	nda	nda	nda	nda	n/a						
17	Drum LA62758 w/SFC III-1-195 side	nda	nda	nda	nda	n/a	5.3	14.2			0.3	2.6
18	Drum LA62758 w/SFC III-1-195 side	nda	nda	nda	nda	n/a						
19	Drum LA62758 w/SFC III-1-195 btm	nda	nda	nda	nda	n/a						
20												
21												
22												
23												
24												
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39												
40												

*dpm/100 cm²

25

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 6/16/14-6/17/14 No. of Samples: 40

TA: N/A Rm: N/A

RCT: Sean Sendoval Z Number: 240556

RCT Signature: Sean Sendoval MS: E503

Phone: 4-0200 Fax: N/A

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: University of Arkansas

ADDITIONAL INFORMATION

RWP No.: N/A

Work Request No.: N/A Incident No.: N/A

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13858	1/9/2015	0.3640	1	7.7	29.01
Beta S43-10-1	13658	1/9/2015	0.3620	1	173	132.84
SHP 270	13184	10/11/2014			<0.1	~0.1mR/hr
SNRD	13592	10/21/2014			<0.1	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☑ EARS COUNTED IN FIELD

FIELD SMEAR COUNTER MDA (dpm)

alpha: 29.01

beta: 132.84

RP-1 REVIEW BY

RT 152423

SAMPLE TRACKING NUMBER

29147082

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma		at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	55 gal. Drum exterior prejob	NDA	NDA	NDA	NDA	N/A						
2	55 gal. Drum exterior prejob	NDA	NDA	NDA	NDA	N/A						
3	Floor	NDA	NDA	NDA	NDA	N/A						
4	Floor	NDA	NDA	NDA	NDA	N/A						
5	Floor	NDA	NDA	NDA	NDA	N/A						
6	Floor	NDA	NDA	NDA	NDA	N/A						
7	Large Source container side prejob	NDA	NDA	NDA	NDA	N/A						
8	Large Source container top prejob	NDA	NDA	NDA	NDA	N/A						
9	Large Source container top/lid prejob	NDA	NDA	NDA	NDA	N/A						
10	Worktable prejob	NDA	NDA	NDA	NDA	N/A						
11	Worktable prejob	NDA	NDA	NDA	NDA	N/A						
12	RCT worktable prejob	NDA	NDA	NDA	NDA	N/A						
13	Am241 source cak exterior prejob	NDA	NDA	6.5	Neg 7-9-14	N/A						
14	Floor around cask prejob	NDA	NDA	NDA	NDA	N/A						
15	PuBe239 container exterior prejob	NDA	NDA	NDA	NDA	N/A						

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147082

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Floor around container prejob	NDA	NDA	NDA	NDA	N/A						
17	239PuBe Source 1 leak test	NDA	NDA	NDA	NDA	N/A						
18	239PuBe Source 2 leak test	NDA	NDA	NDA	NDA	N/A						
19	SFC II-1-684 lid w/ sources	NDA	NDA	NDA	NDA	N/A						
20	LA00000067525 lid/ring w/ sources	NDA	NDA	NDA	NDA	N/A						
21	LA00000067525 seam/side w/ sources	NDA	NDA	NDA	NDA	N/A	4.5	18.3			1.1	6.0
22	LA00000067525 bottom w/ sources	NDA	NDA	NDA	NDA	N/A						
23	241AmBe Source leak test	NDA	NDA	NDA	NDA	N/A						
24	241Am Source leak test	70.6	<MDA	NDA	NDA	N/A						
25	SFC II-1-682 lid w/ sources	NDA	NDA	NDA	NDA	N/A						
26	LA00000067526 lid/ring w/ sources	NDA	NDA	17	NDA	N/A	28.3	28.6			5.9	12.1
27	LA00000067526 seam/side w/ sources	NDA	NDA	12.4	NDA	N/A						
28	LA00000067526 bottom w/ sources	NDA	NDA	NDA	NDA	N/A						
29	Plastic over scale	NDA	NDA	36.4	NDA	N/A						
30	Worktable	NDA	NDA	NDA	NDA	N/A						
31	Floor	NDA	NDA	NDA	NDA	N/A						
32	Floor	NDA	NDA	NDA	NDA	N/A						
33	Floor	NDA	NDA	NDA	NDA	N/A						
34	Floor	NDA	NDA	NDA	NDA	N/A						
35	Channel locks	NDA	NDA	NDA	NDA	N/A						
36	Forceps	NDA	NDA	NDA	NDA	N/A						
37	SFC twist handle	NDA	NDA	NDA	NDA	N/A						
38	SFC poly shielding rings	NDA	NDA	NDA	NDA	N/A						
39	Calipers	NDA	NDA	NDA	NDA	N/A						
40	RCT worktable	NDA	NDA	NDA	NDA	N/A						

*dpm/100 cm²

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 6/16/2014 No. of Samples: 26

TA: 0 Bldg: 0 Rm: 0

RCT: Anthony Lucero Z Number: 214557

RCT Signature: MS: H815

Phone: 505-665-2912 Fax: 7-5186

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA
E-600	12413	7/9/14	N/A	N/A	N/A	N/A
S43-10-1 Alpha	13656	4/15/15	37.8	N/A	3.5	13.8
S43-10-1 Beta/Gamma	13658	4/15/15	37.1	N/A	125.2	68.2
E-600	122668	7/24/14	N/A	N/A	N/A	N/A
SHP 380AB	13376	6/25/14	N/A	N/A	A=19, B=1364	A=59, B=398
SHP 270	13692	7/11/14	N/A	N/A	<0.1	N/A
SNRD	13749	8/12/2014	N/A	N/A	N/A	N/A

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

■ Non-Routine / Other: University of Alberta in Edmonton Canada

FIELD SMEAR COUNTER MDA

alpha: 13.8

beta: 68.2

SAMPLE TRACKING NUMBER

29163913

ADDITIONAL INFORMATION

RWP No.: N/A

Work Request No.: N/A Incident No.: N/A

RP-1 REVIEW BY

6-18-14

■ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs

Survey Point	Item / Area	Direct Survey Results		Smear Survey Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Pre Job 6/16/2014 University of Alberta	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
2	Pre Job 6/16/2014 University of Alberta	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
3	Pre Job 6/16/2014 University of Alberta	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
4	Pre Job 6/16/2014 University of Alberta	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
5	Pre Job 6/16/2014 University of Alberta	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
6	Pre Job 6/16/2014 University of Alberta	NDA	N/A	NDA	NDA	N/A	-	-	-	-	-	-
7	Pre Job 6/16/2014 University of Alberta	NDA	N/A	NDA	NDA	N/A	-	-	-	-	-	-
8	Pre Job 6/16/2014 University of Alberta	NDA	N/A	NDA	NDA	N/A	-	-	-	-	-	-
9	Pre Job 6/16/2014 University of Alberta	NDA	N/A	NDA	NDA	N/A	-	-	-	-	-	-
10	Pre Job 6/16/2014 University of Alberta	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
11	Interior of Drum with Source	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
12	Pu239Be Source	NDA	NDA	NDA	NDA	N/A	-	-	2.9	77	-	-
13	SFC # II-1-620	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
14	Interior Swipe of Drum# LA67546	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
15	Drum# LA67546 Top	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-

*dpm/100 cm²

RP-1 RADIOLOGICAL SURVEY FORM

Survey Point	Item / Area	Direct Survey Results		Smear Survey Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Drum# LA67546 Rim	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
17	Drum# LA67546 Side	NDA	NDA	NDA	NDA	N/A	2.9	12.7	-	-	0.3	1.6
18	Drum# LA67546 Seam	44	NDA	NDA	NDA	N/A	-	-	-	-	-	-
19	Drum# LA67546 Bottom	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
20	Post job Survey	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
21	Post job Survey	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
22	Post job Survey	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
23	Post job Survey	N/A	N/A	NDA	NDA	N/A	-	-	-	-	-	-
24	Post job Survey	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
25	Tools	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
26	Tools	NDA	NDA	NDA	NDA	N/A	-	-	-	-	-	-
27	End Of Survey											
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												

*dpm/100 cm²

Other Information

Drum number LA00000062758, LA00000067525, LA00000067526 & LA00000067546 of BDR LA14-OSR-VE-007 & LA14-OSR-CH-007: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by NUMEC may be inscribed as 320B28 or 480M13 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as N320B28 or N480M13.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
6) Some serial numbers could not be fully read such as for source 914 the markings read are MRC Am, with the rest of the markings being illegible.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: ERID Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The ERID numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	ERID Number	AK Source Document
LA00000062758	ERID-260054	M321
LA00000067525	ERID-260054	M321
LA00000067526	ERID-260054	M321
LA00000067546	ERID-260054	M321

DIVIDER

PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA14-OSR-VE-011				Examination Date(s): 06/25/2014
Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000067545
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 11/10/14

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-011				**Examination Date(s): 06/25/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-011				**Examination Date(s): 06/25/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-011				**Examination Date(s): 06/25/2014**
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	T. A. Groover			11-6-14
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA14-OSR-VE-011	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000067545	11	NA
2	NA	12	NA
3	NA	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

JUSTIN M. GRIFFIN (Printed Name) (Signature) 29OCT14 (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 11/3/14

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA14-OSR-VE-011

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	8
6	List of Acceptable Knowledge Documentation Identifier	9
7	List of Sources in Special Form Capsules	22A
8	Copy of Radiological Contamination Surveys	28
9	List of Special Form Documentation	31
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	33

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

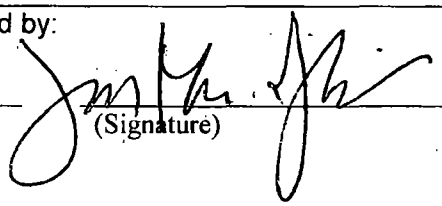
VE BDR LA14-OSR-VE-011

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☒Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R____.
☐Yes ☐No ☒NA	2. Deviations, if any, have been documented: (Choose NA if there were no deviations.)
☒Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☒Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☒Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☒Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☒Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☒Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☒Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☒Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☒NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☒Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☒Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☒Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: NONE	

Independent Technical Review conducted by:

JUSTIN M. GRIFFIN — VE Independent Technical Reviewer (Printed Name)



(Signature)

29OCT14 (Date)

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-05R-VE-011 Page 1 of 3

Container Identifier	**LA00000067545**
Printed name of VE Packager	Michael Gurley
Printed name of VE Recorder	Ioana Witkowski

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: _X__ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL 019 EPD • Drum lid filter serial number: BF-154 • Drum lid filter manufacture date: 2/05 • POC lid filter model: UT 9400 • POC lid filter serial number: 027543 • POC lid filter manufacture date: JUL. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 037909 • Calibration due date of torque wrench 4/10/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 037909 • Calibration due date of torque wrench 4/10/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-011 Page 2 of 3

Container Identifier **LA00000067545**

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	SF-7, 241Am	OM	1724	None
2	SF-8, 241Am	OM	1724	None
3	SF-9, 241Am	OM	1089	None
4	III-1-085, 241Am	OM	3090	None
5	JLS-A-0646-4786-1, 241Am	OM	18960	None
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	26.6kg	[redacted]	
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon drum, if any.	NA☐ None☐ 8kg	Description: Cane Fiberboard	WMP: C
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	152.4kg	[redacted]	
Total estimated weight (kg) for loaded container.	187.0kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-011 Page 3 of 3

Container Identifier **LA00000067545**

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Michael Gurley — Printed Name VE Packager

Michael Gurley — Signature

6-25-14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Ioana Witkowski — Printed Name VE Recorder

Ioana Witkowski — Signature

6/25/14 — Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component	Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

8

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No.	LA00000067545
1074LX	Source Certificate Record Numbers: 04568
1594	**Isotope** **Activity** Source Markings Source Markings Markings: 1594; Am241; 300mCi; 3/29/88; CEA
1Q770	**Isotope** **Activity** Source Markings Source Markings Markings: 1Q770; 241Am; 10uCi; Amersham
3158LV	**Isotope** **Activity** Source Markings Source Markings Markings: 3158LV; Am241; 1Ci; Al Comments: Amersham
5837	**Isotope** **Activity** Source Markings Source Markings Markings: 5837; Am241;500mCi; Model AMCK946; 8-9-73
6967LX	Source Certificate Record Numbers: 04567
7001	Source Certificate Record Numbers: 00750
8953LA	Source Certificate Comments: Record Numbers: 04575

A1035	**Isotope**	**Activity**
	Other Doc	Other Doc
	Comments: NRC License; Model A-1 Eon Corp.	
	Record Numbers: 00958	
A-461	Source Certificate	
	Record Numbers: 04567	
A-462	Source Certificate	
	Record Numbers: 04567	
A-463	Source Certificate	
	Record Numbers: 04567	
B1522	**Isotope**	**Activity**
	Source Markings	Source Markings
	Markings: B1522; 241Am; 10uCi; Amersham	
C 4592	**Isotope**	**Activity**
	Source Markings	Source Markings
	Markings: C4592; Am241; 10 Ci; TRC	
	Comments: Amersham	
DU211	**Isotope**	**Activity**
	Source Markings	Source Markings
	Markings: Am-241; 370 kBq (10uCi); DU 211; Amersham	
Geisinger-1	**Isotope**	**Activity**
	NRC Registry	NRC Registry
	Comments: Amersham	
	Record Numbers: 19979	
JLS-A-0646-4786-1	**Isotope**	**Activity**
	Other Doc	Other Doc
	Comments: Special Form Capsule Certification	
	Record Numbers: 00956	

Lukes-1	**Isotope** NRC Registry Comments: Amersham Record Numbers: 19979	**Activity** NRC Registry
NITON AMM.4-01	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-02	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-03	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-04	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-05	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-06	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-07	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry

NITON AMM.4-08	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-09	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-10	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-11	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-12	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-13	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-14	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-15	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry

NITON AMM.4-16

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-17

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-18

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-19

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-20

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-21

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-22

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-23

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-24

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-25

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-26

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-27

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-28

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-29

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-30

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-31

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-32	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-33	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-34	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-35	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-36	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-37	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-38	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry
NITON AMM.4-39	**Isotope** NRC Registry Comments: Amersham Model AMM.4 Record Numbers: 03252	**Activity** NRC Registry

NITON AMM.4-40

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-41

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-42

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-43

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-44

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-45

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-46

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-47

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-48

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-49

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-50

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-51

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-52

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-53

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-54

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-55

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-56

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-57

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-58

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-59

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-60

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-61

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-62

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-63

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-64

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-65

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-66

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-67

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-68

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-69

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-70

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-71

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-72

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-73

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-74

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-75

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-76

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-77

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-78

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-79

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-80

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

NITON AMM.4-81

Isotope	Activity
NRC Registry	NRC Registry

Comments: Amersham Model AMM.4

Record Numbers: 03252

SRM-4904-C

Source Certificate

Comments: National Bureau of Standards Cert

Record Numbers: 04567

Unknown (Cal State)

Isotope	Activity
Other Doc	Other Doc

Comments: Amersham Model XN45; Amersham data book

Record Numbers: 00145

Z3127

Isotope	Activity
Source Markings	Source Markings

Markings: Z3127; AMCW233; Am241; 10 Ci;TRC

Comments: Amersham

Z3128

Isotope	Activity
Source Markings	Source Markings

Markings: Z3128; Am241; 10Ci; TRC

Comments: Amersham

Z3631

Source Certificate

Comments: AME Cert

Record Numbers: 04567

Z4320

Isotope	Activity
Source Markings	Source Markings

Markings: Z4320; Am241; 10Ci; TRC

Comments: Amersham

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067545					
III-1-085					
	Geisinger Medical Center	1074LX	241Am	0.00	0.00
	Shaw Industries Group, Inc. Plant DJ	1594	241Am	0.09	0.30
	Marino Ware	3158LV	241Am	0.30	1.00
	Westinghouse Churchill Site	6967LX	241Am	0.00	0.01
	Mercy Suburban Hospital	8953LA	241Am	0.00	0.01
	Westinghouse Churchill Site	A-461	241Am	0.00	0.00
	Westinghouse Churchill Site	A-462	241Am	0.00	0.00
	Westinghouse Churchill Site	A-463	241Am	0.00	0.00
	Geisinger Medical Center	Geisinger-1	241Am	0.00	0.01
	St. Luke's Hospital - Bethlehem	Lukes-1	241Am	0.00	0.01
	Westinghouse Churchill Site	SRM-4904-C	241Am	0.00	0.00
	Westinghouse Churchill Site	Z3631	241Am	0.03	0.10
Total Sources in SFCIII-1-085 (12 sources)					
Sum				***0.43***	***1.45***
SF-7					
	Imaging Sciences International Inc.	7001	241Am	0.00	0.00
	Brookhaven National Laboratory	B1522	241Am	0.00	0.00
	LANL ISR-1	DU211	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-01	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-02	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-03	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-04	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-05	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-06	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-07	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-08	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-09	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-10	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-11	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-12	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-13	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-14	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-15	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-16	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-17	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-18	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-19	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-20	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-21	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-22	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-23	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-24	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-25	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-26	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-27	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-28	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-29	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-30	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-31	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-32	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-33	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-34	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-35	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-36	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-37	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-38	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-39	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-40	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-41	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-42	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-43	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-44	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-45	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-46	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-47	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-48	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-49	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-50	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-51	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-52	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-53	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-54	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-55	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-56	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-57	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-58	241Am	0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-59	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-60	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-61	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-62	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-63	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-64	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-65	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-66	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-67	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-68	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-69	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-70	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-71	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-72	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-73	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-74	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-75	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-76	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-77	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-78	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-79	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-80	241Am	0.00	0.00
	Thermo Scientific Portable Analytical Instruments	NITON AMM.4-81	241Am	0.00	0.00
Total Sources in SFCSF-7 (84 sources)					
Sum				0.00	0.00

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
SF-8					
	Brookhaven National Laboratory	1Q770	241Am	0.00	0.00
	LAC+USC Medical Center	A1035	241Am	0.01	0.03
	Eckert & Ziegler Isotope Products	Unknown (Cal State)	241Am	0.01	0.03
	LAC+USC Medical Center	Z4320	241Am	2.88	10.00
Total Sources in SFCSF-8 (4 sources)					
Sum				***2.90***	***10.06***
SF-9					
	General Nucleonics	5837	241Am	0.14	0.50
	University of California San Francisco	C 4592	241Am	2.88	10.00
	VA Medical Center - San Francisco	Z3127	241Am	3.01	10.00
	University of Chicago	Z3128	241Am	2.88	10.00
Total Sources in SFC SF-9 (4 sources)					
Sum				***8.92***	***30.50***
Total Sources in SFCs in LA00000067545 (104 sources)					
Sum				***12.24***	***42.01***
Grand Total				***12.24***	***42.01***

Contamination Surveys

DSESH TA-55 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 6-23-14 thru 6-27-14 No. of Samples: 100 (138)
TA: N/A Bldg: N/A Rm: N/A
RCT: Craig Checketts Z Number: 253206
RCT Signature: [signature] MS: E-503
Phone: 505-664-5501 Fax: N/A

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job
☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment
☑ Non-Routine / Other: OSR-NSSI, Houston, TX

ADDITIONAL INFORMATION

RWP No.: N/A Incident No.: N/A

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF	BKG	MDA
Alpha 43-10-1	13665	10/9/2014	35.20	1	4.27	15.7 dpm
Beta 43-10-1	13665	10/9/2014	35.60	1	235	88.69 dpm
SHP 270	12901	7/22/2014	N/A	N/A	0.5	~0.1mr/hr
SNRD	13115	2/21/2015	N/A	N/A	0.1	0.25 mR/hr

☐ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs

COMMENTS

SAMPLE TRACKING NUMBER

RP-1 REVIEW BY

Mark Bayless

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Prejob survey Countertop	NDA	NDA	NDA	NDA	N/A						
2	Prejob survey Countertop	NDA	NDA	NDA	NDA	N/A						
3	Prejob survey Shielding	NDA	<MDA	NDA	NDA	N/A						
4	Prejob survey Countertop	<MDA	<MDA	NDA	NDA	N/A						
5	Prejob survey Countertop	NDA	NDA	NDA	NDA	N/A						
6	Prejob survey Shielding	NDA	NDA	NDA	NDA	N/A						
7	Prejob survey Cart	NDA	NDA	11.1	NDA	N/A						
8	Prejob survey Cart	NDA	NDA	NDA	NDA	N/A						
9	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
10	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
11	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
12	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
13	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
14	Prejob survey Floor	NDA	<MDA	NDA	NDA	N/A						
15	Prejob survey RCT work area	NDA	<MDA	NDA	NDA	N/A						

*dpm/100 cm²

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DSESH TA-55 RADIOLOGICAL SURVEY FORM

DSESH Survey Number: 0

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
41	LA64013 Bottom/Ring	<MDA	<MDA	NDA	NDA	N/A						
42	Drum LA67545 Inside Top	NDA	NDA	NDA	NDA	N/A						
43	Drum LA67545 Packing Material	NDA	NDA	NDA	NDA	N/A						
44	Drum LA67545 Inside Pipe	NDA	NDA	NDA	NDA	N/A						
45	Am241 SF7, SF8, SF9, JLS-A-0646-4786-1	911	91	N/A	N/A	N/A						
46	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
47	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
48	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
49	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
50	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
51	Prejob Counter/Floor	NDA	NDA	NDA	NDA	N/A						
52	Channel Locks	NDA	NDA	NDA	NDA	N/A						
53	Tweezers	22	NDA	N/A	N/A	N/A						
54	Ruler	5	17	NDA	NDA	N/A						
55	Cell Phone	NDA	NDA	NDA	NDA	N/A						
56	Cell Phone Case TW 10/2/14	NDA	NDA	7.7	NDA	N/A						
57	Am241 Sources going into SFC III-1-085	18	NDA	NDA	NDA	N/A						
58	SFC III-1-085	NDA	NDA	NDA	NDA	N/A						
59	black source bucket	NDA	NDA	NDA	NDA	N/A						
60	black source bucket	NDA	NDA	NDA	NDA	N/A						
61	Drum LA67545 Top/Ring	NDA	NDA	NDA	NDA	N/A						
62	Drum LA67545 Side/Seam	NDA	NDA	NDA	NDA	N/A	2	8	N/A	N/A	0.2	1.5
63	Drum LA67545 Bottom/Ring	NDA	NDA	NDA	NDA	N/A						
64	Cm244 SFC II-I-351	NDA	NDA	NDA	NDA	N/A	0.7	21	N/A	N/A	N/A	N/A
65	Cm244 SFC III-I-297	NDA	NDA	NDA	NDA	N/A	0.1	3	N/A	N/A	N/A	N/A

*dpm/100 cm²

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Special Form Documentation

Appendix D
Special Form Certificate Status

Serial No	Source Model	Certificate No	Revision	Expiration Date
LA00000067545 (1 Source)				
	JLS-A-0646-4786-1	Source Specific		

Other Information

Drum number LA00000067545 of BDR LA14-OSR-VE-011 and LA14-OSR-CH-011: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list. How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
5) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: ERID Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The ERID numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	ERID Number	AK Source Document
LA00000067545	ERID- 261989	M325

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DIVIDER

PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA14-OSR-VE-012				Examination Date(s): 06/3/14, 09/23/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			COPY
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000067555, LA00000067570, LA00000067576
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**			X	No NCRs
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

NTPC RECORDS ORIGINAL
DATE REC'D 11/20/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-012				Examination Date(s): 06/3/14, 09/23/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-012				Examination Date(s): 06/3/14, 09/23/14
Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-012				Examination Date(s): 06/3/14, 09/23/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			
Comments: N/A				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				
Terri-Anne Groover	Ter. A Groover			1/19/15
SPM Printed Name	Signature			Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA14-OSR-VE-012	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000067555	11	NA
2	LA00000067570	12	NA
3	LA00000067576	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

JUSTIN M. GRIFFIN (Printed Name) (Signature) 22 DEC 14 (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 12/22/14

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA14-OSR-VE-012

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	14
6	List of Acceptable Knowledge Documentation Identifier	15
7	List of Sources in Special Form Capsules	17
8	Copy of Radiological Contamination Surveys	19
9	List of Special Form Documentation	NA
10	Copy of NCRs, if applicable	NA
11	Other information (if any; otherwise enter NA for page number)	25

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

VE BDR LA14-OSR-VE-012

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☒Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6
☐Yes ☐No ☒NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☒Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☒Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☒Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☒Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☒Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☒Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☒Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☒Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐Yes ☐No ☒NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☒Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☒Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☒Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above: None	

Independent Technical Review conducted by:

JUSTIN M. GRIFFIN — VE Independent Technical Reviewer (Printed Name)

(Signature)

22 DEC 14 (Date)

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-05R-VE-012 Page 1 of 3

Container Identifier	LA000000 67555
Printed name of VE Packager	Charles Streeper
Printed name of VE Recorder	Adam Martinez

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) X S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-879 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT9400 • POC lid filter serial number: 026684 • POC lid filter manufacture date: APR. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 035310 • Calibration due date of torque wrench 01/29/15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 035310 • Calibration due date of torque wrench 01/29/15

5

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-012 Page 2 of 3

Container Identifier LA 000000675 55

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (if any)
1	^{241}AmBe, SFC II-1-627	OM	7200	NONE
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA
Total estimated weight (kg) for each WMP listed for above items.			7.2 kg	
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.			NA ☒ None ☐ kg	Description: NA / WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).			219.2 kg	
Total estimated weight (kg) for loaded container.			226.4 kg	
Container percent full.			95 %	

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA-OSR-VE-012 Page 3 of 3

Container Identifier LA000000675555

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.
This drum was packaged with 0 layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Charles Streeper — Printed Name VE Packager
Signature
6-3-14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez — Printed Name VE Recorder
Signature
6-3-14 — Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-0SR-VE-012

Container Identifier	LA00000067570
Printed name of VE Packager	Adam Martinez
Printed name of VE Recorder	Leonard Manzanares

Step	Instruction/Item
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-575 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT9400 • POC lid filter serial number: 025842 • POC lid filter manufacture date: Feb. 2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA ☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 039952 • Calibration due date of torque wrench 5-6-15
6	Closure Ring Torque • Drum ring bolts tightened to 55 ft-lbs • Torque Wrench ID # 039952 • Calibration due date of torque wrench 5-6-15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-012 Page 2 of 3

Container Identifier LA00000067570

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (If any)
1	Am-241, SFC II-1-663	OM	7200	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA
Total estimated weight (kg) for each WMP listed for above items.			7.2kg	[redacted]
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.			NA☒ None☐ kg	Description: NA / WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).			219.2kg	[redacted]
Total estimated weight (kg) for loaded container.			226.4kg	
Container percent full.			95%	

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-012 Page 3 of 3

Container Identifier LA00000067570

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There are ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez — Printed Name VE Packager | Signature | 9-23-14 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Leonard Manzanares — Printed Name VE Recorder | Signature | 9-23-14 Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-OSR-VE-012 Page 1 of 3

Container Identifier	LA000000D67576
Printed name of VE Packager	Rick Day
Printed name of VE Recorder	IOANA WITKOWSKI

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B X S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-019DS • Drum lid filter serial number: CN-1260 • Drum lid filter manufacture date: 3-13 • POC lid filter model: NUCFIL-019DS • POC lid filter serial number: CN-1161 • POC lid filter manufacture date: 3-13
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☑ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☑ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☑ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☑ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☑ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☑ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☑ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 035314 • Calibration due date of torque wrench 04/09/15
6	Closure Ring Torque • Drum ring bolts tightened to 55 ft-lbs • Torque Wrench ID # 035314 • Calibration due date of torque wrench 04/09/15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-012 Page 2 of 3

Container Identifier LA 000000675 76

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	239PuBe SFC 111-1-194	OM	4000	None
2				
3				
4				
5				
6				
7				
8			NA	IW 9/23/14
9				
10				
11				
12				
13				
14				
15				

Total estimated weight (kg) for each WMP listed for above items.	4.0 kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☑ None ☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	191.6 kg		
Total estimated weight (kg) for loaded container.	195.6 kg		
Container percent full.	95 %		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA19-0SR-VE-012 Page 3 of 3

Container Identifier LA000000067576

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☑	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☑	2. Non-radionuclide pyrophoric material.
☐	☑	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☑	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☑	5. Explosives.
☐	☑	6. Compressed gas or potentially pressurized containers.
☐	☑	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☑	8. Wastes exhibiting the characteristic of ignitability.
☐	☑	9. Wastes exhibiting the characteristic of reactivity.
☐	☑	10. Wastes exhibiting the characteristic of corrosivity.
☐	☑	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☑	12. Inadequately blocked or braced sharp or heavy items.
☐	☑	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

Zero layers of confinment.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Rick Day — Printed Name VE Packager | Signature | 9-23-14 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

IOANA WITKOWSKI — Printed Name VE Recorder | Signature | 9/23/14 Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component	Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No. **LA00000067555**

282

Isotope **Activity**
Source Markings Source Markings
Markings: NCS-R, 282, AMBE, 5 CURIES, 12-67

358

Isotope **Activity**
Source Markings Source Markings
Markings: NCS-R, 358, AMBE, 5 CURIES, 9-68

Source Serial No. **LA00000067570**

8466 LV

Source Certificate

Record Numbers: 04675

ADCO LEM 1

Isotope **Activity**
NRC Registry NRC Registry
Comments: Wand Anatomical Marker Teardrop model AMC.24

Record Numbers: 09170

Source Serial No. **LA00000067576**

M1189

NMMSS

Markings: PUBE M1189
Record Numbers: 05463

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000067555					
II-1-627					
	Instituto Boliviano de Ciencia Tecnología Nuclear	282	241Am/Be	1.44	5.00
	Instituto Boliviano de Ciencia Tecnología Nuclear	358	241Am/Be	1.44	5.00
Total Sources in SFCII-1-627 (2 sources)					
Sum				***2.88***	***10.00***
Total Sources in SFC in container LA00000067555 (2 sources)					
Sum				***2.88***	***10.00***
LA00000067570					
II-1-663					
	Advanced Gauging Technologies, LLC	8466 LV	241Am	0.86	3.00
	ADCO Services, Inc.	ADCO LEM 1	241Am	0.00	0.01
Total Sources in SFCII-1-663 (2 sources)					
Sum				***0.87***	***3.01***
Total Sources in SFC in container LA00000067570 (2 sources)					
Sum				***0.87***	***3.01***
LA00000067576					
III-1-194					
	Jackson Community College	M1189	239Pu/Be	59.40	3.74
Total Sources in SFCIII-1-194 (1 source)					
Sum				***59.40***	***3.74***
Total Sources in SFC in container LA00000067576 (1 source)					
Sum				***59.40***	***3.74***
Grand Total				***63.15***	***16.75***

Radiological Contamination Surveys

RP-1 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 6/02/14 thru 6/05/14 — No. of Samples: 97

TA: _____ — Rm: n/a

RCT: Billy Terrazas — Z Number: 115030

RCT Signature: [signature] — MS: E541

Phone: 5-9238 — Fax: n/a

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: IBTEN , Bolovia, source recovery

ADDITIONAL INFORMATION

RWP No.: n/a

Work Request No.: n/a — Incident No.: n/a

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	11180	11/14/2014	0.3860	1	5.2	23.09
Beta S43-10-1	11180	11/14/2014	0.3590	1	256	161.31
SHP 270	12923	10/10/2014			<0.5	~0.1mR/hr
SNRD	13142	10/10/2014			<0.1	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☑ EARS COUNTED IN FIELD

FIELD SMEAR COUNTER MDA (dpm)

alpha: 23.09

beta: 161.31

RP-1 REVIEW BY

Mark Bayless

SAMPLE TRACKING NUMBER

29147194

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	pre-job work bench	nda	nda	nda	nda	n/a						
2	pre-job work bench	nda	nda	nda	nda	n/a						
3	pre-job work bench	nda	nda	nda	nda	n/a						
4	pre-job work bench	nda	nda	nda	nda	n/a						
5	pre-job floor	nda	nda	nda	nda	n/a						
6	pre-job floor	nda	nda	nda	nda	n/a						
7	pre-job lead brick	nda	nda	nda	nda	n/a						
8	pre-job floor hallway	nda	nda	nda	nda	n/a						
9	pre-job floor hallway	nda	nda	nda	nda	n/a						
10	pre-job floor hallway	nda	nda	nda	nda	n/a						
11	pig with 226Ra	7000	15000	blank	blank	n/a						
12	cigar tube with 226Ra	nda	nda	15.7	37.9	n/a	16000.0				611.0	
13	SFC II-1-615 w/ 226Ra	nda	nda	nda	nda	n/a						
14	Hopewell #1221 sn#0512-3247 top	nda	nda	nda	nda	n/a						
15	Hopewell #1221 sn#0512-3247 side	nda	nda	nda	nda	n/a	125.5				4.4	

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29147194

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mRad)	neutron (mrem/hr)
16	Hopewell #1221 sn#0512-3247 side	nda	nda	nda	nda	n/a						
17	Hopewell #1221 sn#0512-3247 btm	nda	nda	nda	nda	n/a						
18	work bench	160	315	nda	nda	n/a						
19	work bench	150	320	nda	nda	n/a						
20	tools	nda	nda	nda	nda	n/a						
21	leak test 137Cs	nda	nda	42	73	n/a						
22	dino cam	nda	nda	18.6	14.5	n/a						
23	leak test 137Cs	85	175	110.8	120.6	n/a						
24	post- job behind shield	nda	nda	17.9	33	n/a						
25	post- job tools	nda	nda	9	14.7	n/a						
26	pre-job behind shield	nda	nda	9.9	nda	n/a						
27	pre-job tools	nda	nda	nda	nda	n/a						
28	leak test 137Cs	nda	nda	nda	32.4	n/a						
29	leak test 137Cs	nda	nda	33.8	76.3	n/a						
30	leak test 137Cs	nda	nda	14.2	42.1	n/a						
31	leak test 137Cs	nda	nda	nda	nda	n/a						
32	leak test 241Am	nda	nda	nda	nda	n/a						
33	leak test 241AmBe	nda	nda	nda	nda	n/a						
34	SFC II-1-627 w/241AmBe	nda	nda	nda	nda	n/a						
35	Drum# LA67555 w/SFC II-1-627 top	nda	nda	nda	nda	n/a						
36	Drum# LA67555 w/SFC II-1-627 ring	nda	nda	nda	nda	n/a						
37	Drum# LA67555 w/SFC II-1-627 side	nda	nda	nda	nda	n/a	11.0	10.7			1.8	1.1
38	Drum# LA67555 w/SFC II-1-627 side	nda	nda	nda	nda	n/a						
39	Drum# LA67555 w/SFC II-1-627 btm	nda	nda	nda	nda	n/a						
40	post-job tools	nda	nda	nda	nda	n/a						

*dpm/100 cm²

N8Tec
Form
FRM-0108B

RADIOLOGICAL SURVEY REPORT - DATA

09/24/12
Rev. 01
Page __ of __

SURVEY # 14-LA-149

Location:	Purpose:	Comments:	Date/Time:
AREA 6 Bldg. 6-911	Repackage drum for OSRP project	All surpes field checked on Electra. Contact/30cm and 1m from drums for shipping survey.MDDR for 2363 Rem Ball is 0.6mRem/hr.	9/23/2014 1330

Instrument:	Serial #:	Cal Due:	Eff in %: Alpha / Beta	BKG in dpm: Alpha / Beta	MDA in dpm: Alpha / Beta	RWP# LA14024 Rev 1	Survey Plan # N/A
Tennelec	74538	09/10/2015	33.52/41.71	0.00/2.88	8.07/15.55	ALWD # JNPO Work Package	
ELECTRA	1288	02/20/2015	11.9 / 23.6	8.4 / 2123	80 / 500	RCT Name: Juan Pena	Signature: Juan A Pena
Ro20	6314	12/04/2014	N/A	0.1mRem/hr	N/A	RCT Name: Dominic Cotroneo	Signature:
Model 3	203994	01/06/2015	N/A	0.01mRem/hr	N/A	RCT Name: N/A	Signature: N/A
Rem Ball	240463	03/17/2015	N/A	0.0mRem/hr	N/A	RCT Name: N/A	Signature: N/A

Survey Point	Description/Comments	Removable dpm/100cm²		Fixed + Removable dpm/100cm²		Gamma mrem/hr	Neutron mrem/hr	Total mrem/hr
		Alpha	Beta	Alpha	Beta			
1-3	Drum#67570 prior to open- dose rate contact / 30 cm/1meter	0.00	0.00	N/A	N/A	0.3/0.1/0.1	0.4/0.2/0.2	0.7/0.3/0.3
4	under Lid	0.00	0.00	N/A	N/A	N/A	N/A	N/A
5-6	Pipe over Pack container and Top of Inner container	2.98	6.71	N/A	N/A	N/A	N/A	N/A
7-8	POP plug and O/S of Bird feeder	0.00	1.92	N/A	N/A	N/A	N/A	N/A
9	I/S metal Can (Am 241 Sources)	0.00	1.92	N/A	N/A	N/A	N/A	N/A
10-12	Un packaging drum Work area - post job	0.00	0.00	N/A	N/A	N/A	N/A	N/A
N/A	Inspection Area - G/A dose rates	N/A	N/A	N/A	N/A	10	0.2	10.2
13	O/S of II-1-663 Special Form Container	0.00	0.00	N/A	N/A	N/A	N/A	N/A
14-15	O/S of repackaged drum # 67570 dose rate contact / 30cm/ 1meter	2.98	0.00	N/A	N/A	0.3/0.1/0.1	0.0	0.3/0.1/0.1
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Reviewed By (Print): Stan Keller Signature: Stan Keller Date: 10-25-14

22

(Reference: SOP-0441.211)

OSRP RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 09/23/14-09/24/14 No. of Samples: 24

TA: N/A Rm: N/A

RCT: Frank Williams Z Number: 196891

RCT Signature: MS: G-749

Phone: 4-5621 Fax: N/A

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: Jackson Community College

ADDITIONAL INFORMATION

RWP No.: N/A

Work Request No.: N/A Incident No.: N/A

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF or Detector Size	BKG	MDA (dpm)
Alpha S43-10-1	13658	1/9/2015	0.3640	1	0.3	7.90
Beta S43-10-1	13658	1/9/2015	0.3620	1	121	112.32
Shp 270	13184	10/11/2014	N/A	N/A	<0.1	~0.1mR/hr
SNRD	13115	2/21/2015	N/A	N/A	<0.1	0.25 mR/hr

☑ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs ☑ SMEARS COUNTED IN FIELD

FIELD SMEAR COUNTER MDA (dpm)

alpha: 7.90

beta: 112.32

RP-1 REVIEW BY

Mark Bayless

SAMPLE TRACKING NUMBER

29110550

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	PREJOB SURVEY	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	PREJOB SURVEY	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	PREJOB SURVEY	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	PREJOB SURVEY	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Pu239Be SOURCE	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	SPECIAL FORM CAPSULE (III-1-194)	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	SPECIAL FORM CAPSULE (III-1-194)	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	SPECIAL FORM CAPSULE (III-1-194)	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	INSIDE LOADED DRUM	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	FLOOR	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	FLOOR	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	FLOOR	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	COUNTERTOP	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	TOOLS	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	DRUM (LA67576) LID	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

RP-1 RADIOLOGICAL SURVEY FORM

RP-1 Survey Number: 29110550

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	DRUM (LA67576) RING	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	DRUM (LA67576) SEAM	NDA	NDA	NDA	NDA	N/A	4.7	25	N/A	N/A	0.5	3.8
18	DRUM (LA67576) OPPOSITE SIDE	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	DRUM (LA67576) BOTTOM	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	WATER STORAGE TANK	NDA	NDA	26	25	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	WATER STORAGE TANK	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	FLOOR IN TANK ROOM	NDA	NDA	7	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	TRANSFER CAN	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	SPACER AND TRANSFER SHIELD	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	END OF SURVEY											
26												
27												
28												
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40												

*dpm/100 cm²

Other Information

Drum number LA00000067555, LA00000067570, and LA00000067576 of BDR LA14-OSR-VE-012 and LA14-OSR-CH-012: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 where as the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list.
5) How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR numbers corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package are listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000067555	LA-UR-14-29555	M326
LA00000067570	LA-UR-14-29555	M326
LA00000067576	LA-UR-14-29555	M326

DIVIDER PAGE

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: LA14-OSR-VE-014 **Examination Date(s): 07/07/14, 07/30/14, 07/31/14**

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**	X			
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**	X			
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**	X			
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers: LA00000062757, LA00000065480, LA00000067558
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**	X			
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**	X			NCR-LANL-0025-15
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**	X			
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**	X			
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**	X			
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**	X			
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**	X			

COPY

NTPC RECORDS ORIGINAL
DATE REC'D 5/19/15

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-014				Examination Date(s): 07/07/14, 07/30/14, 07/31/14
Description of Criteria Reviewed	**Criteria Met?**			**Comments/Qualifiers**
	YES	**NO**	**NA**	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**			X	No liquid identified
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**			X	
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**	X			
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**			X	
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**	X			
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**	X			
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**	X			
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**	X			
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**	X			
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-014 **Examination Date(s): 07/07/14, 07/30/14, 07/31/14**

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**	X			
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**	X			
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**	X			
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**	X			

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: LA14-OSR-VE-014 **Examination Date(s):** 07/07/14, 07/30/14, 07/31/14

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**	X			
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**	X			
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**	X			
Comments: NCR-LANL-0025-15 issued and corrections completed during SPM review.				
The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.				

Terri-Anne Groover	TGroover	05/19/15
SPM Printed Name	Signature	Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number: LA14-OSR-VE-014	
Waste stream number: LA-OS-00-01.001	Container Type: Drum

Container Identifiers included in this VE BDR			
1	LA00000062757	11	NA
2	LA00000065480	12	NA
3	LA00000067558	13	NA
4	NA	14	NA
5	NA	15	NA
6	NA	16	NA
7	NA	17	NA
8	NA	18	NA
9	NA	19	NA
10	NA	20	NA

VE Independent Technical Reviewer

Rick Day (Printed Name) | Rick Day (Signature) | 5-11-2015 / 3-27-2015 / 5-12-2015 (Date)

NTPC RECORDS ORIGINAL
DATE REC'D 5/5/15

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR LA14-OSR-VE-014

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	1
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	2
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	3
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	5
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	14
6	List of Acceptable Knowledge Documentation Identifier	15
7	List of Sources in Special Form Capsules	37
8	Copy of Radiological Contamination Surveys	45
9	List of Special Form Documentation	NA
10	Copy of NCRs, if applicable	~~NA~~ 52 AIW 5/11/15
11	Other information (if any; otherwise enter NA for page number)	53

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

Page 1 of 1

VE BDR LA14-OSR-VE-014

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☑Yes ☐No	1. The correct revision of CCP-TP-069 was used? Note revision number, R 6.
☐Yes ☐No ☑NA	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☑Yes ☐No	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☑Yes ☐No	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☑Yes ☐No	5. The Waste Matrix Code is consistent with the AK.
☑Yes ☐No	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069, as evidenced by checks of items 1-5.
☑Yes ☐No	7. Calibration data for torque wrenches are recorded and within the calibration period.
☑Yes ☐No	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☑Yes ☐No	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☑Yes ☐No	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6). 5-12-15
☑Yes ☐No ☑NA	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☑Yes ☐No	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☑Yes ☐No	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☑Yes ☐No	14. Completeness: There is a completed VE data form for each waste container in the BDR? 5-11-15
Comments, if "No" is checked for any criterion above: Re-reviewed for corrections (NCR# LANL-0025-15) RSD 5-11-15	

Independent Technical Review conducted by:

Rick Day — Rick Day — 5-11-15
VE Independent Technical Reviewer (Printed Name) — (Signature) — (Date) 3-27-2015
Rick Day — 5-12-15

The Following Documents used for this VE BDR are the Best Available Copies

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-OSR-VE-014 Page 1 of 3

Container Identifier	LA00000062757
Printed name of VE Packager	Adam Martinez
Printed name of VE Recorder	Leonard Manzanares

1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-728 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT9400 • POC lid filter serial number: 025185 • POC lid filter manufacture date: Jan.2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 4-10-15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 4-10-15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-014 Page 2 of 3

Container Identifier LA00000062757

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (Indicate grams)	Comments (if any)
1	Am241-Be, SFC II-1-590	OM	7200	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	7.2kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA☒ None☐ kg	Description: NA	WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg		
Total estimated weight (kg) for loaded container.	226.4kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-014 Page 3 of 3

Container Identifier		LA00000062757
Present	**Not Present**	**Prohibited Hazardous Items or Conditions**
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez		7-30-14
Printed Name VE Packager	Signature	Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Leonard Manzanares		7-30-14
Printed Name VE Recorder	Signature	Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-CSR-VE-014

Container Identifier	LA00000065480
Printed name of VE Packager	Adam Martinez
Printed name of VE Recorder	Leonard Manzanares

1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: ___ Standard Pipe Overpack (12" pipe component) _X_ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-013 • Drum lid filter serial number: LC-697 • Drum lid filter manufacture date: 12/02 • POC lid filter model: UT9400 • POC lid filter serial number: 025460 • POC lid filter manufacture date: Feb.2003
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 40 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 4-10-15
6	Closure Ring Torque • Drum ring bolts tightened to 40 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 4-10-15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-OSR-VE-014 Page 2 of 3

Container Identifier LA00000065480

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	Am241-Be, SFC III-1-202	OM	4000	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	4.0kg	[redacted]
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA☒ None☐ kg	Description: NA; WMP: NA
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	219.2kg	[redacted]
Total estimated weight (kg) for loaded container.	223.2kg	
Container percent full.	95%	

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-014 Page 3 of 3

Container Identifier LA00000065480

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There were ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Adam Martinez — Printed Name VE Packager

Signature

7-31-14 — Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Leonard Manzanares — Printed Name VE Recorder

Signature

7-31-14 — Date

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR # LA14-OSR-VE-014

Page 1 of 3

Container Identifier	LA00000067558
Printed name of VE Packager	Leonard Manzanares
Printed name of VE Recorder	Katherine Drypolcher

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types). *(check one)*: _X_ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: NUCFIL-019DS • Drum lid filter serial number: CN-1341 • Drum lid filter manufacture date: 3/13 • POC lid filter model: NUCFIL-019DS • POC lid filter serial number: CN-1191 • POC lid filter manufacture date: 3/13
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☒ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container. Yes☒ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☒ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☒ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☒ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☒ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match. Yes☒ No☐ NA☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: S5100
5	POC Bolt Torque • POC bolts tightened to 65 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 4-10-15
6	Closure Ring Torque • Drum ring bolts tightened to 55 ft-lbs • Torque Wrench ID # 039953 • Calibration due date of torque wrench 4-10-15

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-DSR-VE-D14 Page 2 of 3

Container Identifier LA00000067558

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1	Am-241, SFC III-1-155	OM	3500	None
2	NA	NA	NA	NA
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	NA	NA	NA	NA
6	NA	NA	NA	NA
7	NA	NA	NA	NA
8	NA	NA	NA	NA
9	NA	NA	NA	NA
10	NA	NA	NA	NA
11	NA	NA	NA	NA
12	NA	NA	NA	NA
13	NA	NA	NA	NA
14	NA	NA	NA	NA
15	NA	NA	NA	NA

Total estimated weight (kg) for each WMP listed for above items.	3.5kg	[redacted]	
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA☐ None☐ 13kg	Description	WMP
		Cellulosics	C
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	152.4kg	[redacted]	
Total estimated weight (kg) for loaded container.	168.9kg		
Container percent full.	95%		

If the list of items is continued on additional pages, attach and number added pages appropriately. * WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR # LA14-0SR-VE-014 Page 3 of 3

Container Identifier LA00000067558

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☒	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☒	2. Non-radionuclide pyrophoric material.
☐	☒	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☒	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☒	5. Explosives.
☐	☒	6. Compressed gas or potentially pressurized containers.
☐	☒	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☒	8. Wastes exhibiting the characteristic of ignitability.
☐	☒	9. Wastes exhibiting the characteristic of reactivity.
☐	☒	10. Wastes exhibiting the characteristic of corrosivity.
☐	☒	11. Radioactive pyrophorics greater than or equal to 1percent by weight of the container that have not been rendered nonreactive.
☐	☒	12. Inadequately blocked or braced sharp or heavy items.
☐	☒	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

There are ZERO layers of confinement.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Leonard Manzanares — Printed Name VE Packager — Signature — 7-7-14 Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

Katherine Drypolcher — Printed Name VE Recorder — Signature — 7-7-14 Date

Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component	Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Acceptable Knowledge Documentation

Acceptable Knowledge Documentation

Source Serial No.	LA00000062757	
1804NE	**Isotope** Source Markings Markings: 40mCi, Am241Be, TRC, 1804NE	**Activity** Source Markings
1807NE	**Isotope** Source Markings Markings: 40mCi, Am241Be, TRC, 1807NE	**Activity** Source Markings
1845NE	**Isotope** Source Markings Markings: 40mCi, Am241Be, TRC, 1845NE	**Activity** Source Markings
AM084	Source Certificate Markings: Am241Be, AM084 Record Numbers: 04871	
AM7629	**Isotope** Source Markings Markings: 100mCi, Am241Be, Al, AM7629	**Activity** Source Markings
AM7783	**Isotope** Source Markings Markings: 100mCi, Am241Be, Al, AM7783	**Activity** Source Markings
AM8175	**Isotope** Source Markings Markings: 100mCi, Am241Be, Al, AM8175	**Activity** Source Markings
AM8224	**Isotope** Source Markings Markings: 100mCi, Am241Be, Al, AM8224	**Activity** Source Markings

AM8240

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Markings: 100mCi, Am241Be, Al, AM8240

Activity
Source Markings

AM8687

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CAA10000

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CAA10001

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Activity
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CAA10069

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CAA1016

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CAA11406

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CAA11469	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11469	**Activity** Source Markings
CAA11510	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11510	**Activity** Source Markings
CAA11512	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11512	**Activity** Source Markings
CAA11517	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11517	**Activity** Source Markings
CAA11762	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11762	**Activity** Source Markings
CAA11786	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11786	**Activity** Source Markings
CAA11834	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11834	**Activity** Source Markings
CAA11997	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA11997	**Activity** Source Markings
CAA12025	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA12025	**Activity** Source Markings

CAA12076	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12076	**Activity** Source Markings
CAA12080	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12080	**Activity** Source Markings
CAA12107	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12107	**Activity** Source Markings
CAA12359	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12359	**Activity** Source Markings
CAA12514	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12514	**Activity** Source Markings
CAA12543	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12543	**Activity** Source Markings
CAA12668	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12668	**Activity** Source Markings
CAA12699	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12699	**Activity** Source Markings
CAA12909	**Isotope** Source Markings Markings: 40mCi, Am241Be, AI, CAA12909	**Activity** Source Markings

CAA13492

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA13492

Activity
Source Markings

CAA1393

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA1393

Activity
Source Markings

CAA1451

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA1451

Activity
Source Markings

CAA1505

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA1505

Activity
Source Markings

CAA1567

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA1567

Activity
Source Markings

CAA1571

Isotope
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Activity
Source Markings

CAA15884

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA15884

Activity
Source Markings

CAA1624

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA1624

Activity
Source Markings

CAA1748

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA1748

Activity
Source Markings

CAA1793

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA1793

CAA18448

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA18448

CAA18819

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA18819

CAA1959

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA1959

CAA2030

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA2030

CAA2031

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA2031

CAA2034

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA2034

CAA2044

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA2044

CAA2206

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA2206

CAA2501

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA2501

Activity
Source Markings

CAA2549

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA2549

Activity
Source Markings

CAA2551

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA2551

Activity
Source Markings

CAA2727

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA2727

Activity
Source Markings

CAA2765

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA2765

Activity
Source Markings

CAA2921

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA2921

Activity
Source Markings

CAA2963

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA2963

Activity
Source Markings

CAA3133

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3133

Activity
Source Markings

CAA3134

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3134

Activity
Source Markings

CAA3136

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3136

Activity
Source Markings

CAA3137

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3137

Activity
Source Markings

CAA3186

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3186

Activity
Source Markings

CAA3356

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3356

Activity
Source Markings

CAA3357

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3357

Activity
Source Markings

CAA3570

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3570

Activity
Source Markings

CAA3572

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3572

Activity
Source Markings

CAA3750

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3750

Activity
Source Markings

CAA3844

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA3844

Activity
Source Markings

CAA4034

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4034

Activity
Source Markings

CAA4176

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4176

Activity
Source Markings

CAA4201

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4201

Activity
Source Markings

CAA4215

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4215

Activity
Source Markings

CAA4317

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4317

Activity
Source Markings

CAA4361

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4361

Activity
Source Markings

CAA4500

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4500

Activity
Source Markings

CAA4537

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA4537

Activity
Source Markings

CAA5019

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA5019

Activity
Source Markings

CAA5020	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5020	**Activity** Source Markings
CAA5021	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5021	**Activity** Source Markings
CAA5022	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5022	**Activity** Source Markings
CAA5023	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5023	**Activity** Source Markings
CAA5307	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5307	**Activity** Source Markings
CAA5347	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5347	**Activity** Source Markings
CAA5370	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5370	**Activity** Source Markings
CAA5371	**Isotope** Source Markings Markings: 40mCi, Am241Be, Al, CAA5371	**Activity** Source Markings
CAA540	**Isotope** Source Markings Markings: 40mCi, Am241Be, TRC, CAA540	**Activity** Source Markings

CAA5651

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA5651

Activity
Source Markings

CAA5922

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA5922

Activity
Source Markings

CAA6001

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA6001

Activity
Source Markings

CAA6002

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA6002

Activity
Source Markings

CAA6049

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA6049

Activity
Source Markings

CAA610

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA610

Activity
Source Markings

CAA6101

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA6101

Activity
Source Markings

CAA611

Isotope
Source Markings
Markings: 40mCi, Am241Be, TRC, CAA611

Activity
Source Markings

CAA6156

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA6156

Activity
Source Markings

CAA6159

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6159

CAA6233

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6233

CAA6234

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6234

CAA6236

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6236

CAA6419

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6419

CAA6467

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6467

CAA6569

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6569

CAA6607

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6607

CAA6742

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6742

CAA6818

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA6818

CAA7098

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA7098

CAA7099

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA7099

CAA7265

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA7265

CAA7296

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA7296

CAA7304

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, TRC, CAA7304

CAA7455

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA7455

CAA7634

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA7634

CAA7887

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241Be, Al, CAA7887

CAA7888

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA7888

Activity
Source Markings

CAA7946

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA7946

Activity
Source Markings

CAA7995

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA7995

Activity
Source Markings

CAA8114

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8114

Activity
Source Markings

CAA8293

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8293

Activity
Source Markings

CAA8296

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8296

Activity
Source Markings

CAA8496

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8496

Activity
Source Markings

CAA8518

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8518

Activity
Source Markings

CAA8575

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8575

Activity
Source Markings

CAA8672

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8672

Activity
Source Markings

CAA8693

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8693

Activity
Source Markings

CAA8789

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8789

Activity
Source Markings

CAA8884

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8884

Activity
Source Markings

CAA8959

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8959

Activity
Source Markings

CAA8997

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA8997

Activity
Source Markings

CAA9060

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9060

Activity
Source Markings

CAA9061

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9061

Activity
Source Markings

CAA9093

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9093

Activity
Source Markings

CAA9160

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9160

Activity
Source Markings

CAA9314

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9314

Activity
Source Markings

CAA9336

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9336

Activity
Source Markings

CAA9418

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9418

Activity
Source Markings

CAA9419

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9419

Activity
Source Markings

CAA9477

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9477

Activity
Source Markings

CAA9504

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9504

Activity
Source Markings

CAA9674

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9674

Activity
Source Markings

CAA9724

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9724

Activity
Source Markings

CAA9817

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9817

Activity
Source Markings

CAA9920

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9920

Activity
Source Markings

CAA9975

Isotope
Source Markings
Markings: 40mCi, Am241Be, Al, CAA9975

Activity
Source Markings

MRC-AMBE-T1101

Shipping Record

Markings: Am241Be, MRC-AMBE-T1101
Record Numbers: 00777

MRC-AMBE-T1222

Shipping Record

Markings: Am241Be, MRC-AMBE-T1222
Record Numbers: 00777

MRC-AMBE-T1450

Shipping Record

Markings: Am241Be, MRC-AMBE-T1450
Record Numbers: 00777

MRC-AMBE-T1484

Shipping Record

Markings: Am241Be, MRC-AMBE-T1484
Record Numbers: 00777

MRC-AMBE-T1508

Shipping Record

Markings: Am241Be, MRC-AMBE-T1508
Record Numbers: 00777

MRC-AMBE-T1676

Shipping Record

Markings: Am241Be, MRC-AMBE-T1676
Record Numbers: 00777

MRC-AMBE-T1677	Shipping Record Markings: Am241Be, MRC-AMBE-T1677 Record Numbers: 00777
MRC-AMBE-T2124	Shipping Record Markings: Am241Be, MRC-AMBE-T2124 Record Numbers: 00777

Source Serial No. **LA00000065480**

1138NJ	**Isotope** Source Markings Markings: 40mCi, Am241:Be, 2-3-91, 1138NJ	**Activity** Source Markings
1648NJ	**Isotope** Source Markings Markings: 40mCi, Am241:Be, 5-14-94, 1648NJ	**Activity** Source Markings
1650NJ	**Isotope** Source Markings Markings: 40mCi, Am241:Be, 5-14-94, 1650NJ	**Activity** Source Markings
1651NJ	**Isotope** Source Markings Markings: 40mCi, Am241:Be, 5-14-94, 1651NJ	**Activity** Source Markings
A5844	**Isotope** Source Markings Markings: 50mCi, Am241/Be, 10-28-84, A5844	**Activity** Source Markings
A7761	**Isotope** Source Markings Markings: 50mCi, Am241/Be, 4-3-87, A7761	**Activity** Source Markings
CAA15120	**Isotope** Source Markings Markings: 40mCi, Am241:Be, 02-20-91, CAA15120	**Activity** Source Markings

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CAA22188

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241:Be, 11-08-95, CAA22188

CAA6188

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241:Be, 03-09-84, CAA6188

CAA6987

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241:Be, 11-05-84, CAA6987

CAA7582

Isotope
Source Markings

Activity
Source Markings

Markings: 40mCi, Am241:Be, 02-07-85, CAA7582

M321101181

Isotope
Source Markings

Activity
Source Markings

Markings: 50mCi, Am241/Be, 3-6-92, M321101181

MD11000506

Isotope
Source Markings

Activity
Source Markings

Markings: 50mCi, Am241/Be, 7-8-91, MD11000506

MD20300763

Isotope
Source Markings

Activity
Source Markings

Markings: 50mCi, Am241/Be, 6-11-91, MD20300763

MD30101260

Isotope
Source Markings

Activity
Source Markings

Markings: 50mCi, Am241/Be, 7-30-85, MD30101260

MD40702119

Isotope
Source Markings

Activity
Source Markings

Markings: 50mCi, Am241/Be, 6-15-78, MD40702119

IWS/11/15
35A

MD60803355

Isotope **Activity**
Source Markings Source Markings
Markings: 50mCi, Am241/Be, 6-1-96, MD60803355

MD70208631

Isotope **Activity**
Source Markings Source Markings
Markings: 50mCi, Am241/Be, 4-13-98, MD70208631

MRC-AMBE-T1048

Isotope **Activity**
Source Markings Source Markings
Markings: 40mCi, Am241:Be, 3-29-83, MRC-AMBE-T1048

MRC-AMBE-T1068

Isotope **Activity**
Source Markings Source Markings
Markings: 40mCi, Am241:Be, 4-7-83, MRC-AMBE-T1068

MRC-AMBE-T1231

Isotope **Activity**
Source Markings Source Markings
Markings: 40mCi, Am241:Be, 5-6-83, MRC-AMBE-T1231

IW 5/11/15

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MRC-AMBE-T1677	Shipping Record . Markings: Am241Be, MRC-AMBE-T1677 Record Numbers: 00777
MRC-AMBE-T2124	Shipping Record Markings: Am241Be, MRC-AMBE-T2124 Record Numbers: 00777
Source Serial No.	**LA00000064580**
M808	Shipping Record Markings: PUBE M808 Comments: ERID-510517 Record Numbers: 05632
M809	Shipping Record Markings: PUBE M809 Comments: ERID-510517 Record Numbers: 05632
M810	Shipping Record Markings: PUBE M810 Comments: ERID-510517 Record Numbers: 05632
M811	Shipping Record Markings: PUBE M811 Comments: ERID-510517 Record Numbers: 05632
N320C24(320C24)	NMMSS Markings: 320C24 Comments: P2010-0924 Record Numbers: 05463

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IW 5/11/15

IW 5/11/15
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Source Serial No.	LA00000067558	
0044LA	**Isotope** NRC Registry Record Numbers: 19979	**Activity** NRC Registry
4523LX	**Isotope** Source Markings Markings: 1Ci, Am241, 4523LX, AI	**Activity** Source Markings
4524LX	**Isotope** Source Markings Markings: 1Ci, Am241, 4524LX, AI	**Activity** Source Markings
4528LX	**Isotope** Source Markings Markings: 1Ci, Am241, 4528LX, AI	**Activity** Source Markings
5372LA	Source Certificate Record Numbers: 04838	
8227LA	**Isotope** Source Markings Markings: 1Ci, Am241, 8227LA, AI	**Activity** Source Markings
Unknown	**Isotope** NRC Registry Record Numbers: 19979	**Activity** NRC Registry

Sources in Special Form Capsules

Appendix B
Sources In Special Form Capsules

(Curies 1 in red if isotope is short-lived and no decayed activity is available)

SFC Serial Number	*Site*	*Source Serial Number*	*Isotope*	*Total Grams*	*Total Curies*
LA00000062757					
II-1-590					
	Troxler Electronic Laboratories	1804NE	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	1807NE	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	1845NE	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	AM084	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM7629	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM7783	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8175	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8224	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8240	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	AM8687	241Am/Be	0.03	0.10
	Troxler Electronic Laboratories	CAA10000	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10001	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10068	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10069	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1016	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10183	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10261	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10317	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10365	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10367	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10521	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1053	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10553	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10652	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1076	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10774	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10787	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10848	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10918	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA10973	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11102	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA11325	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11343	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1136	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11406	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11469	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11510	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11512	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11517	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11762	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11786	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11834	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA11997	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12025	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12076	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12080	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12107	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12359	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12514	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12543	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12668	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12699	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA12909	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA13492	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1393	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1451	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1505	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1567	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1571	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA15884	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1624	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1748	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1793	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA18448	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA18819	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA1959	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2030	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2031	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2034	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2044	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA2206	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2501	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2549	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2551	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2727	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2765	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2921	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA2963	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3133	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3134	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3136	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3137	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3186	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3356	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3357	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3570	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3572	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3750	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA3844	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4034	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4176	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4201	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4215	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4317	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4361	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4500	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA4537	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5019	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5020	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5021	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5022	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5023	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5307	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5347	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5370	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5371	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA540	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5651	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA5922	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA6001	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6002	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6049	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA610	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6101	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA611	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6156	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6159	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6233	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6234	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6236	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6419	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6467	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6569	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6607	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6742	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA6818	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7098	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7099	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7265	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7296	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7304	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7455	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7634	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7887	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7888	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7946	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA7995	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8114	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8293	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8296	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8496	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8518	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8575	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8672	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8693	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8789	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8884	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA8959	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	Troxler Electronic Laboratories	CAA8997	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9060	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9061	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9093	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9160	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9314	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9336	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9418	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9419	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9477	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9504	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9674	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9724	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9817	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9920	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	CAA9975	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T1101	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T1222	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T1450	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T1484	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T1508	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T1676	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T1677	241Am/Be	0.01	0.04
	Troxler Electronic Laboratories	MRC-AMBE-T2124	241Am/Be	0.01	0.04
Total Sources in SFCII-1-590 (172 sources)					
Sum				***2.10***	***7.30***
Total Sources in SFCs in LA00000062757 (172 sources)					
Sum				***2.10***	***7.30***
LA00000065480					
III-1-202					
	InstroTek, Inc (NC)	1138NJ	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	1648NJ	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	1650NJ	241Am/Be	0.01	0.04

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
	InstroTek, Inc (NC)	1651NJ	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	A5844	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	A7761	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	CAA15120	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	CAA22188	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	CAA6188	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	CAA6987	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	CAA7582	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	M321101181	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	MD11000506	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	MD20300763	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	MD30101260	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	MD40702119	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	MD60803355	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	MD70208631	241Am/Be	0.01	0.05
	InstroTek, Inc (NC)	MRC-AMBE-T1048	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	MRC-AMBE-T1068	241Am/Be	0.01	0.04
	InstroTek, Inc (NC)	MRC-AMBE-T1231	241Am/Be	0.01	0.04
Total Sources in SFCIII-1-202 (21 sources)					
Sum				***0.27***	***0.93***
Total Sources in SFCs in LA00000065480 (21 sources)					
Sum				***0.27***	***0.93***
LA00000067558					
III-1-155					
	RAM Services, Inc.	0044LA	241Am	0.00	0.01
	RAM Services, Inc.	4523LX	241Am	0.29	1.00
	RAM Services, Inc.	4524LX	241Am	0.29	1.00
	RAM Services, Inc.	4528LX	241Am	0.29	1.00
	RAM Services, Inc.	5372LA	241Am	0.00	0.01
	RAM Services, Inc.	8227LA	241Am	0.29	1.00
	RAM Services, Inc.	Unknown	241Am	0.00	0.01
Total Sources in SFCIII-1-155 (7 sources)					
Sum				***1.16***	***4.04***
Total Sources in SFCs in LA00000067558 (7 sources)					
Sum				***1.16***	***4.04***

SFC Serial Number	Site	Source Serial Number	Isotope	Total Grams	Total Curies
Grand Total				3.53	12.27

Radiological Contamination Surveys

DSESH TA-55 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 7-28-14 thru 8-01-14 No. of Samples: 54

TA: N/A Bldg: N/A Rm: N/A

RCT: Craig Checketts Z Number: 253206

RCT Signature: MS: E-503

Phone: 505-664-5501 Fax: N/A

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF	BKG	MDA
Alpha 43-10-1	13652	5/1/2015	38.90	1	2.39	11.7 dpm
Beta 43-10-1	13652	5/1/2015	35.40	1	355	108 dpm
SHP 270	12922	2/25/2015	N/A	N/A	0.1	~0.1mr/hr
SNRD	13592	10/21/2014	N/A	N/A	0.3	0.25 mR/hr

☐ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: OSR-Troxler, Durham, NC

COMMENTS

SAMPLE TRACKING NUMBER

29147197

ADDITIONAL INFORMATION

RWP No.: N/A Incident No.: N/A

RP-1 REVIEW BY

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Prejob survey Workbench	NDA	NDA	NDA	NDA	N/A						
2	Prejob survey Workbench	NDA	NDA	NDA	NDA	N/A						
3	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
4	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
5	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
6	Prejob survey Drum Area	NDA	NDA	NDA	NDA	N/A						
7	Prejob survey SFC counter	NDA	NDA	NDA	NDA	N/A						
8	Prejob Survey RCT work area	NDA	NDA	NDA	NDA	N/A						
9	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
10	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
11	Am241Be Sources into SFC II-1-590	NDA	NDA	7	NDA	N/A						
12	Am241Be Sources into SFC II-1-590	56	NDA	64.3	NDA	N/A						
13	Am241Be Sources into SFC II-1-590	NDA	NDA	13.2	NDA	N/A						
14	Am241Be Sources into SFC II-1-590	21	NDA	33.6	NDA	N/A						
15	Am241Be Sources into SFC II-1-590	NDA	NDA	10.8	NDA	N/A						

*dpm/100 cm²

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DSESH TA-55 RADIOLOGICAL SURVEY FORM

DSESH Survey Number: 29147197

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Am241Be Sources into SFC II-1-590	NDA	<MDA	7.7	NDA	N/A						
17	Am241Be Sources into SFC II-1-590	NDA	<MDA	NDA	NDA	N/A						
18	Am241Be Sources into SFC II-1-590	NDA	<MDA	NDA	NDA	N/A						
19	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
20	Am241Be Sources into SFC II-1-590	NDA	NDA	9.6	NDA	N/A						
21	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
22	Am241Be Sources into SFC II-1-590	NDA	NDA	14.3	NDA	N/A						
23	Postjob Shielded work area	NDA	NDA	NDA	NDA	N/A						
24	Postjob Floor	NDA	NDA	NDA	NDA	N/A						
25	Postjob RCT work area	NDA	NDA	NDA	NDA	N/A						
26	Tweezers	NDA	NDA	NDA	NDA	N/A						
27	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
28	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
29	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
30	Am241Be Sources into SFC II-1-590	NDA	NDA	NDA	NDA	N/A						
31	Empty Drum outside	NDA	NDA	NDA	NDA	N/A						
32	Empty Drum Dunnage	NDA	NDA	NDA	NDA	N/A						
33	Empty drum inside top	NDA	NDA	NDA	NDA	N/A						
34	Empty drum inside	NDA	NDA	NDA	NDA	N/A						
35	Empty drum inside	NDA	NDA	NDA	NDA	N/A						
36	SFC II-1-590 - packed into drum LA62757	NDA	NDA	NDA	NDA	N/A						
37	Drum LA62757 Top	NDA	NDA	NDA	NDA	N/A						
38	Drum LA62757 Ring	NDA	NDA	NDA	NDA	N/A						
39	Drum LA62757 Side	NDA	NDA	NDA	NDA	N/A	5.0	7.0	N/A	N/A	0.5	1.3
40	Drum LA62757 Seam	NDA	NDA	NDA	NDA	N/A						

*dpm/100 cm²

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DSESH TA-55 RADIOLOGICAL SURVEY FORM

DSESH Survey Number: 29147197

Survey Point	Item / Area	Field Smear Results		RPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
41	Drum LA82757 Bottom	NDA	NDA	NDA	NDA	N/A						
42	SFC baseplate	NDA	NDA	NDA	NDA	N/A						
43	SFC Handle	NDA	NDA	NDA	NDA	N/A						
44	Magnifying glass	NDA	NDA	NDA	NDA	N/A						
45	Scale	NDA	NDA	NDA	NDA	N/A						
46	Tools	NDA	NDA	NDA	NDA	N/A						
47	Postjob work area	NDA	NDA	NDA	NDA	N/A						
48	Postjob floor	NDA	NDA	NDA	NDA	N/A						
49	Postjob floor	NDA	NDA	NDA	NDA	N/A						
50	E600/SNRD	NDA	NDA	NDA	NDA	N/A						
51	E600/270	NDA	NDA	NDA	NDA	N/A						
52	E600/SHP380AB	NDA	NDA	NDA	NDA	N/A						
53	E600/43-1-0	NDA	NDA	NDA	NDA	N/A						
54	Post job RCT work area	NDA	NDA	NDA	NDA	N/A						
55	End of Survey											
56												
57												
58												
59												
60												
61												
62												
63												
64												
65												

*dpm/100 cm²

DSESH TA-55 RADIOLOGICAL SURVEY FORM

SAMPLE DESCRIPTION

Sample Date/Time: 7-28-14 thru 8-01-14 No. of Samples: 28

TA: N/A Bldg: N/A Rm: N/A

RCT: Craig Checketts Z Number: 253208

RCT Signature: [signature] MS: E-503

Phone: 505-699-5501 Fax: N/A

INSTRUMENTATION

TYPE	HSE No.	CAL Due	% EFF	CF	BKG	MDA
Alpha 43-10-1	13652	5/1/2015	38.90	1	2.39	11.7 dpm
Beta 43-10-1	13652	5/1/2015	35.40	1	355	108 dpm
SHP 270	12922	2/25/2015	N/A	N/A	0.1	~0.1mr/hr
SNRD	13592	10/21/2014	N/A	N/A	0.3	0.25 mR/hr

☐ SMEARS COUNTED AT HPAL, SEE HPAL RESULTS FOR MDAs

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

☑ Non-Routine / Other: OSR-Instrotek, Durham, NC

COMMENTS

SAMPLE TRACKING NUMBER

29147198

ADDITIONAL INFORMATION

RWP No.: N/A Incident No.: N/A

RP-1 REVIEW BY

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (uR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
1	Prejob survey Workarea	NDA	NDA	NDA	NDA	N/A						
2	Prejob survey Floor	NDA	NDA	NDA	NDA	N/A						
3	Prejob survey Floor	NDA	<MDA	NDA	NDA	N/A						
4	Prejob survey Back Table	NDA	NDA	NDA	NDA	N/A						
5	Prejob Survey RCT work area	NDA	NDA	NDA	NDA	N/A						
6	Prejob Survey RCT work area	NDA	NDA	NDA	NDA	N/A						
7	Prejob survey Tool table	NDA	NDA	NDA	NDA	N/A						
8	Am241Be Sources into SFC III-1-202	NDA	NDA	NDA	NDA	N/A						
9	Am241Be Sources into SFC III-1-202	NDA	NDA	NDA	NDA	N/A						
10	SFC III-1-202 - packed into drum LA65480	NDA	NDA	NDA	NDA	N/A						
11	Drum LA65480 Top	NDA	NDA	NDA	NDA	N/A						
12	Drum LA65480 Ring	NDA	NDA	NDA	NDA	N/A						
13	Drum LA65480 Side	NDA	NDA	NDA	NDA	N/A	0.8	1.2	N/A	N/A	0.1	0.2
14	Drum LA65480 Seam	NDA	NDA	NDA	NDA	N/A						
15	Drum LA65480 Bottom	NDA	NDA	NDA	NDA	N/A						

*dpm/100 cm²

b7

DSESH TA-55 RADIOLOGICAL SURVEY FORM

DSESH Survey Number: 29147199

Survey Point	Item / Area	Field Smear Results		HPAL Smear Results		Tritium	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm*	dpm*	dpm*	dpm*	dpm*	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)	gamma (mR/hr)	neutron (mrem/hr)
16	Tweezers	NDA	NDA	NDA	NDA							
17	Scale	NDA	NDA	NDA	NDA							
18	Tools	NDA	NDA	NDA	NDA							
19	SFC cap / depth gauge	NDA	NDA	NDA	NDA							
20	SFC baseplate / handle	NDA	NDA	NDA	NDA							
21	Post job work Area	NDA	NDA	NDA	NDA							
22	Post job floor	NDA	NDA	NDA	NDA							
23	Post job floor	NDA	NDA	NDA	NDA							
24	Post job RCT area	NDA	NDA	NDA	NDA							
25	E600/SNRD	NDA	NDA	NDA	NDA							
26	E600/SHP380AB	NDA	NDA	NDA	NDA							
27	E600/270	NDA	NDA	NDA	NDA							
28	E600/43-1-0	NDA	NDA	NDA	NDA							
29	End of Survey											
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												

*dpm/100 cm²

RP-1 RADIOLOGICAL SURVEY FORM

Sample Tracking/Survey Number: 29147060

SAMPLE DESCRIPTION

Sample Date/Time: 7/7/2014 No. of Samples: 23

City: Two Rivers, WI Bldg: Ram Services Rm: Control room

RCT: Patrick Olson Z Number: 265259

RCT Signature:

Reviewed By: Z Number:

PURPOSE OF SURVEY

☐ Routine ☐ Pre-Job ☐ Post-Job ☐ Hot-Job

☐ Item Release ☐ Offsite Shipment ☐ Onsite Shipment

■ Non-Routine / Other: Offsite source disposal

ADDITIONAL INFORMATION

RWP No.: N/A

Work Request No.: N/A Incident No.: N/A

INSTRUMENTATION

TYPE	HSE No.	CAL Due	BKG (α) [a]	BKG (β-γ) [a]	MDA (α) [a]	MDA (β-γ) [a]
S43-10-1	13652	2/10/2015	0.3	155	6.4	72.6
E600	12233	5/7/2015	N/A	N/A	N/A	N/A
SHP-270	12922	2/26/2015	N/A	12uR	N/A	N/A
E600	12143	5/1/2015	N/A	N/A	N/A	N/A
SNRD	13132	1/9/2015	<0.25mR	N/A	N/A	N/A
E600	12242	2/5/2015	N/A	N/A	N/A	N/A
SHP-380AB	13387	4/23/2015	12	1.4k	50	404
N/A	N/A	N/A	N/A	N/A	N/A	N/A

REMARKS

Provided radiological support during verification & encapsulation of ^{241}Am sources. Drum LA# not available.

Survey Point	Item / Area	S43-10-1 Counter		Smear Survey Results		LAB	External Radiation Survey					
		Alpha dpm [a]	Beta/Gamma dpm [a]	Alpha dpm [a]	Beta/Gamma dpm [a]	Smear Results alloy dpm [a]	at Contact beta/gamma (mR/hr)	at Contact neutron (mrem/hr)	at 30 cm beta/gamma (mR/hr)	at 30 cm neutron (mrem/hr)	at 1 Meter beta/gamma (mR/hr)	at 1 Meter neutron (mrem/hr)
1	Pre-job - RCT desk	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
2	Pre-job - RCT desk	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Pre-job - Floor	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
4	Pre-job - Floor	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Pre-job - Floor	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Pre-job - Vice Grip	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
7	Pre-job - Vice Grip Floor	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
8	Pre-job - Source locker	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
9	Pre-job - Source locker floor	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
10	Pre-job - General area floor	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
11	^{241}Am sources #1-7	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	SFC III-I 466	NDA	NDA	NDA	NDA	N/A	7	N/A	1.2	N/A	N/A	N/A
13	Drum LA67558 Top	NDA	NDA	NDA	NDA	N/A						
14	Drum LA67558 RIM	NDA	NDA	NDA	NDA	N/A	0.13	0	0.012	0	0.012	0
15	Drum LA67558 Side	NDA	NDA	NDA	NDA	N/A						
16	Drum LA67558 Seam	NDA	NDA	NDA	NDA	N/A	Total: 0.13		Total: 0.012		Total: 0.012	
17	Drum LA67558 Bottom	NDA	NDA	NDA	NDA	N/A						
18	Tweezers	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
19	Post-job Table	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
20	Post-job Floor	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A

(a) dpm (b) dpm/100cm^2

RP-1 RADIOLOGICAL SURVEY FORM

Sample Tracking/Survey Number: 29147060

Survey Point	Item / Area	s43-10-1 Counter		Smear Survey Results		LAB	External Radiation Survey					
		Alpha	Beta/Gamma	Alpha	Beta/Gamma	Smear Results	at Contact		at 30 cm		at 1 Meter	
		dpm [b]	dpm [b]	dpm [b]	dpm [b]	a/by dpm [b]	beta/gamma (mR/hr)	neutron (mrem/hr)	beta/gamma (mR/hr)	neutron (mrem/hr)	beta/gamma (mR/hr)	neutron (mrem/hr)
21	Post-job Vice grip	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
22	Post-job Source locker	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
23	Post-job Floor	NDA	NDA	NDA	NDA	NDA	N/A	N/A	N/A	N/A	N/A	N/A
24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
46	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
49	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

52

(a) dpm (b) dpm/100cm^2

7/16/2014

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR- LANL-0025-15 Revision 0

1. Lot No., Heat No., or Serial No. (if applicable): N/A	2. Process (e.g., NDA, NDE, VE, Other): OSR-VE	3. Batch Data Report #(s): LA14-OSR-VE-014
4. Order/Work Order/Job Control Number (if applicable): N/A	5. PO # (if applicable): N/A	Container #(s): LA00000065480
	6. Supplier (if applicable): N/A	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☒ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

CCP-TP-069, REV 6, SEC 4.2.1 states, in part, "Assemble the VE BDR using the following forms, as needed: ...List of Acceptable Knowledge Identifier(s) (Documentation and/or Source Markings) and List of Sources in Special Form Capsules..."

7c. Actual Condition:

The Cover Page, Data Sheet and the Special Form Capsule documentation is for container LA00000065480. The AK documentation included in the BDR is for container LA00000064580

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☐ NO If no is checked, explain:

8. NCR Originator:

Terri-Anne Groover (printed name) — TAGroover (signature) — 05/07/15 (date)

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☒ NO ☐ INDETERMINATE

10. Trend Code: A

11. Responsible Manager: Terri-Anne Groover

12. Significant Condition? ☐ YES ☒ NO (If Yes, enter WIPP Form No.):

13. Recurring Condition? ☐ YES ☒ NO (If Yes, list NCRs and WIPP Forms):

14. QA Engineer or QA Designee validation: Laura R. Jones (printed name) — Laura Ramos Jones (signature) — 05/07/15 (date)

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52A

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0025-15 Revision 0

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☒ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name _____ signature _____ date _____

16b. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name _____ signature _____ date _____

18. Interim Disposition Verified – QA Engineer:

printed name _____ signature _____ date _____

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52B

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- LANL-0025-15 Revision 0

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☒ N/A for Reject, Rework, or Scrap]
NA

☐ Reject ☒ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]
VE Operator add correct Acceptable Knowledge information to BDR
ITR re-review corrections
SPM complete review

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☒ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]
NA

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name	signature	date
Terri-Anne Groover	TGroover	05/07/15

21. QA Engineer or QA Designee:

printed name	signature	date
Laura R. Jones	Laura Ramos Jones	05/07/2015

Additional Approval:

printed name	signature	date

Additional Approval:

printed name	signature	date

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name	signature	date

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name	signature	date

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52C

Other Information

Drum number LA00000062757, LA00000065480, LA00000067558, of BDR LA14-OSR-VE-014 and LA14-OSR-CH-014: one may find serial numbers or identifying information that may not match exactly between documents (e.g. VE attachment 4, rad surveys, markings, source cert, regulatory docs, etc) . This is an artifact that source manufacturers, regulators and customers may use somewhat different nomenclature to identify the same source. Some examples include:

1) Alpha Numeric numbering where the suffix or prefix may be used interchangeably throughout the life of the source. Examples include: LP123 vs LP-123 or 123LP vs 123 LP, etc... 7-1-123G vs 71 1 123g, etc...
2) The addition of a secondary serial number or identification number to reflect the device in which it is used. The most common methods used to identify these are to put the secondary ID number in parenthesis or following a slash. Examples include: MRC-246(135NP), 123LV/269, etc...
3) In addition to secondary numbering some regulators or users may add nomenclature to further identify the source. NMMSS is one of the more common. For example a source manufactured by MRC may be inscribed as MRC PU8PU123 or just PU8PU123 whereas the NMMSS database added the manufacture designation to the front of the serial number; in this case the serial in NMMSS is listed as MRPU8BE123.
4) Dashes or spacing is also interchangeable in that depending upon the author of the document (including regulators) the format could be determined by internal procedures, typeset, etc.... For example 7-1-123G vs 71 1 123 g found in the Texas State Health Department source list. How the source ID or serial number translated during a recovery. Cylindrical sources with the inscription along the axis may lead to the alpha numeric order not being an exact match to the documentation, e.g. MRC 1234 vs 1234 MRC.
5) The most conservative values is used when assigning activity values in cases where the supporting data differs, e.g. SSDR value vs site log entries.

Although there may be instances where the source identification is not "exact" between differing documentation, the offsite source recovery project (OSRP) makes every effort though experience, documentation and research to ensure that the information is accurate, e.g. the identified source isotope is correct and the source activity is conservatively accurate.

Los Alamos
NATIONAL LABORATORY
EST. 1943

Memorandum

Nuclear Engineering & Nonproliferation Division
International Threat Reduction Group
Off-Site Source Recovery Project (OSRP)

Subject: LA-UR Numbers for Off-Site Source Recovery Project Acceptable Knowledge Documentation

The LA-UR number corresponding to the acceptable knowledge documentation for each drum in this Off-Site Source Recovery Project BDR package is listed below:

OSRP Drum Identifier	LA-UR Number	AK Source Document
LA00000062757	LA-UR-15-21211	M327
LA00000065480	LA-UR-15-21211	M327
LA00000067558	LA-UR-15-21211	M327

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Central Characterization Program	VE-OSRP-01, Rev.8
Effective Date: 07/18/2014	Page 1 of 5

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Cristy Abeyta

Education/Experience		
Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	Cheryl Arrujo CCP Training	03-26-15 Date

Job Specific Training

☐ Initial Qualification ☑ Requalification ☐ Full Requalification

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CII-TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-QP-002, *CCP Training and Qualification Plan*
8. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
9. CCP-QP-008, *CCP Records Management*
10. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
11. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
12. CCP-QP-023, *CCP Handling, Storage, and Shipping*
13. CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	NA Trainee	Date

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Cristy Abeyta

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	Cheryl Arroyo CCP Training	03-26-15 Date
2. VE Comprehensive Exam *(Always Required)*	Cheryl Arroyo CCP Training	03-26-15 Date

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE) Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	
CCP-QP-002	2. State the purpose of the List of Qualified Individuals (LOQI).	
CCP-QP-005	3. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	4. Describe how nonconforming items are documented.	
	5. Describe how nonconforming items are controlled to prevent their use.	
	6. State who has the responsibility to validate the NCR once initiated.	NA
	7. Describe how to revise an NCR.	
	8. Describe how to void an NCR.	
WP 15-GM1002	9. Describe the purpose of the WIPP Form process.	
	10. State the person responsible for originating a WIPP Form.	
	11. Describe how WIPP Forms are documented.	
	12. Describe who has the responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Cristy Abeyta

	13. Describe actions personnel may take when conditions adverse to quality are discovered.	
CCP-QP-008	14. List the responsibilities of record generators.	
	15. State the storage and control requirements for records.	
	16. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	17. State the importance of using approved documents.	
	18. State when to verify a document revision.	
CCP-QP-016	19. List the Measuring & Testing Equipment (M&TE) items used during VE.	
CCP-TP-069	20. Explain the purpose of Sealed Source VE and the roles and responsibilities of the VE Operator.	
	21. State the acceptable units of measurement for weight.	NA
	22. State the number of waste containers allowed per Batch Data Report (BDR).	
	23. Define "layers of confinement."	
	24. Define "sealed source."	
	25. Describe how to identify sources being collected	
	26. State the authorized method to close a liner bag.	
	27. Explain the actions taken if a hazardous condition is encountered while conducting work.	
	28. State the waste material parameters (WMP) and state the sealed source WMP.	
	29. Describe the information that should be recorded when describing waste items.	
	30. State the criteria for a rigid liner to be considered vented.	
	31. Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Cristy Abeyta

	32. Explain why it is important to minimize any lateral movement of the lid across the mating flange face.	
	33. Describe the closure method for pipe overpack containers.	
	34. Describe the conditions that would require generation of a non-conformance report (NCR) during the VE process.	NA
	35. Describe how to revise a BDR.	
	36. Describe how to void a BDR.	

Formal Training	OJT Practical Requirements[1] *(Always Required)* *(This section must be performed in the presence of a VEE)*			VEE SME/OJT Signature/Date
CCP-TP-069	1. Complete a container packaging and VE data record form.	P	(S)	a Tebeh 3/23/15
	2. Perform the closure of a pipe overpack container.	P	(S)	a Tebeh 3/23/15
	3. Determine layers of confinement.	P	(S)	a Tebeh 3/23/15
	4. Verify the physical form of the waste matches the waste description.	P	(S)	a Tebeh 3/23/15
	5. Determine the WMP(s).	P	(S)	a Tebeh 3/23/15
	6. Estimate the weight of each WMP.	P	(S)	a Tebeh 3/23/15
	7. Obtain the output weight for the waste container.	P	(S)	a Tebeh 3/23/15
	8. Prepare a BDR.	P	(S)	a Tebeh 3/23/15
	9. Complete an ITR.	P	(S)	a Tebeh 3/23/15

[1] For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed: for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Cristy Abeyta

Approvals	
I have completed formal training and received OJT for this position. I fully understand my responsibilities as an OSRP VE Operator/ITR.	Cristy L. Abeyta 3/23/15 Trainee *(printed name and signature)* Date
I have monitored the training of this individual and believe they are ready to perform the duties of an OSRP VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	Alex Feldman 3/23/15 VEE SME/OJT Instructor *(printed name and signature)* Date NA VEE SME/OJT Instructor *(printed name and signature)* Date
I approve this employee to perform the duties of an OSRP VE Operator/ITR.	Carolina Saterna 3/26/15 SPM *(printed name and signature)* Date

Approved for Content & Format:	**Justin Griffin *(Approval on File)***	**07/18/2014**
	SME/OJT	Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)***	**07/18/2014**
	Cognizant Engineer	Date
Approved for Content:	**Mike Ramirez *(Approval on File)***	**07/18/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)***	**07/18/2014**
	Manager Responsible for Training	Date

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Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Ioana Witkowski

Education/Experience	
Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	CCP Training: [signature] Date: 12-12-14

Job Specific Training

☐ Initial Qualification ☑ Requalification ☐ Full Requalification

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-QP-002, *CCP Training and Qualification Plan*
8. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
9. CCP-QP-008, *CCP Records Management*
10. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
11. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
12. CCP-QP-023, *CCP Handling, Storage, and Shipping*
13. CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	NA Trainee Date

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Ioana Witkowski

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	CCP Training	Date: 12-12-14
2. VE Comprehensive Exam *(Always Required)*	CCP Training	Date: 12-12-14

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE) Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	
CCP-QP-002	2. State the purpose of the List of Qualified Individuals (LOQI).	
CCP-QP-005	3. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	4. Describe how nonconforming items are documented.	
	5. Describe how nonconforming items are controlled to prevent their use.	
	6. State who has the responsibility to validate the NCR once initiated.	NA
	7. Describe how to revise an NCR.	
	8. Describe how to void an NCR.	
WP 15-GM1002	9. Describe the purpose of the WIPP Form process.	
	10. State the person responsible for originating a WIPP Form.	
	11. Describe how WIPP Forms are documented.	
	12. Describe who has the responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Ioana Witkowski

	13. Describe actions personnel may take when conditions adverse to quality are discovered.	
CCP-QP-008	14. List the responsibilities of record generators.	
	15. State the storage and control requirements for records.	
	16. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	17. State the importance of using approved documents.	
	18. State when to verify a document revision.	
CCP-QP-016	19. List the Measuring & Testing Equipment (M&TE) items used during VE.	
CCP-TP-069	20. Explain the purpose of Sealed Source VE and the roles and responsibilities of the VE Operator.	NA
	21. State the acceptable units of measurement for weight.	
	22. State the number of waste containers allowed per Batch Data Report (BDR).	
	23. Define "layers of confinement."	
	24. Define "sealed source."	
	25. Describe how to identify sources being collected	
	26. State the authorized method to close a liner bag.	
	27. Explain the actions taken if a hazardous condition is encountered while conducting work.	
	28. State the waste material parameters (WMP) and state the sealed source WMP.	
	29. Describe the information that should be recorded when describing waste items.	
	30. State the criteria for a rigid liner to be considered vented.	
	31. Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Ioana Witkowski

	32. Explain why it is important to minimize any lateral movement of the lid across the mating flange face.			NA
	33. Describe the closure method for pipe overpack containers.			
	34. Describe the conditions that would require generation of a non-conformance report (NCR) during the VE process.			
	35. Describe how to revise a BDR.			
	36. Describe how to void a BDR.			
Formal Training	**OJT Practical Requirements[1]** *(Always Required)* *(This section must be performed in the presence of a VEE)*			**VEE SME/OJT Signature/Date**
CCP-TP-069	1. Complete a container packaging and VE data record form.	P	(S)	12/10/14
	2. Perform the closure of a pipe overpack container.	P	(S)	12/10/14
	3. Determine layers of confinement.	P	(S)	12/10/14
	4. Verify the physical form of the waste matches the waste description.	P	(S)	12/10/14
	5. Determine the WMP(s).	P	(S)	12/10/14
	6. Estimate the weight of each WMP.	P	(S)	12/10/14
	7. Obtain the output weight for the waste container.	P	(S)	12/10/14
	8. Prepare a BDR.	P	(S)	12/10/14
	9. Complete an ITR.	P	(S)	12/10/14

[1] For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed: for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Ioana Witkowski

Approvals	
I have completed formal training and received OJT for this position. I fully understand my responsibilities as an OSRP VE Operator/ITR.	IOANA WITKOWSKI Ioana Witkowski 12/10/14 Trainee *(printed name and signature)* Date
I have monitored the training of this individual and believe they are ready to perform the duties of an OSRP VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	JUSTIN M. GRIFFIN 12/10/14 VEE SME/OJT Instructor *(printed name and signature)* Date NA VEE SME/OJT Instructor *(printed name and signature)* Date
I approve this employee to perform the duties of an OSRP VE Operator/ITR.	Richard Kantowitz 12/12/14 SPM *(printed name and signature)* Date

Approved for Content & Format:	**Justin Griffin *(Approval on File)***	**07/18/2014**
	SME/OJT	Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)***	**07/18/2014**
	Cognizant Engineer	Date
Approved for Content:	**Mike Ramirez *(Approval on File)***	**07/18/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)***	**07/18/2014**
	Manager Responsible for Training	Date

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Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Michael Gurley

Education/Experience	
Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	CCP Training / Date: 12-12-14

Job Specific Training

☐ Initial Qualification ☑ Requalification ☐ Full Requalification

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-QP-002, *CCP Training and Qualification Plan*
8. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
9. CCP-QP-008, *CCP Records Management*
10. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
11. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
12. CCP-QP-023, *CCP Handling, Storage, and Shipping*
13. CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	N/A Trainee / Date

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Michael Gurley

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	Cheryl Almy / CCP Training	12-12-14 / Date
2. VE Comprehensive Exam *(Always Required)*	Cheryl Almy / CCP Training	12-12-14 / Date

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE) Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	
CCP-QP-002	2. State the purpose of the List of Qualified Individuals (LOQI).	
CCP-QP-005	3. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	4. Describe how nonconforming items are documented.	
	5. Describe how nonconforming items are controlled to prevent their use.	
	6. State who has the responsibility to validate the NCR once initiated.	NA
	7. Describe how to revise an NCR.	
	8. Describe how to void an NCR.	
WP 15-GM1002	9. Describe the purpose of the WIPP Form process.	
	10. State the person responsible for originating a WIPP Form.	
	11. Describe how WIPP Forms are documented.	
	12. Describe who has the responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Michael Gurley

	13. Describe actions personnel may take when conditions adverse to quality are discovered.	
CCP-QP-008	14. List the responsibilities of record generators.	
	15. State the storage and control requirements for records.	
	16. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	17. State the importance of using approved documents.	
	18. State when to verify a document revision.	
CCP-QP-016	19. List the Measuring & Testing Equipment (M&TE) items used during VE.	
CCP-TP-069	20. Explain the purpose of Sealed Source VE and the roles and responsibilities of the VE Operator.	
	21. State the acceptable units of measurement for weight.	NA
	22. State the number of waste containers allowed per Batch Data Report (BDR).	
	23. Define "layers of confinement."	
	24. Define "sealed source."	
	25. Describe how to identify sources being collected	
	26. State the authorized method to close a liner bag.	
	27. Explain the actions taken if a hazardous condition is encountered while conducting work.	
	28. State the waste material parameters (WMP) and state the sealed source WMP.	
	29. Describe the information that should be recorded when describing waste items.	
	30. State the criteria for a rigid liner to be considered vented.	
	31. Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Michael Gurley

	32. Explain why it is important to minimize any lateral movement of the lid across the mating flange face.	
	33. Describe the closure method for pipe overpack containers.	
	34. Describe the conditions that would require generation of a non-conformance report (NCR) during the VE process.	NA
	35. Describe how to revise a BDR.	
	36. Describe how to void a BDR.	

Formal Training	OJT Practical Requirements[1] (Always Required) (This section must be performed in the presence of a VEE)			VEE SME/OJT Signature/Date
CCP-TP-069	1. Complete a container packaging and VE data record form.	P	(S)	12/10/14
	2. Perform the closure of a pipe overpack container.	P	(S)	12/10/14
	3. Determine layers of confinement.	P	(S)	12/10/14
	4. Verify the physical form of the waste matches the waste description.	P	(S)	12/10/14
	5. Determine the WMP(s).	P	(S)	12/10/14
	6. Estimate the weight of each WMP.	P	(S)	12/10/14
	7. Obtain the output weight for the waste container.	P	(S)	12/10/14
	8. Prepare a BDR.	P	(S)	12/10/14
	9. Complete an ITR.	P	(S)	12/10/14

[1] For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed: for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Michael Gurley

	Approvals
I have completed formal training and received OJT for this position. I fully understand my responsibilities as an OSRP VE Operator/ITR.	MICHAEL GURLEY Trainee *(printed name and signature)* — Date: 12-10-14
I have monitored the training of this individual and believe they are ready to perform the duties of an OSRP VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	JUSTIN M. GRIFFIN — VEE SME/OJT Instructor *(printed name and signature)* — Date: 12/10/14 NA VEE SME/OJT Instructor *(printed name and signature)* — Date
I approve this employee to perform the duties of an OSRP VE Operator/ITR.	Richard Kantrowitz — SPM *(printed name and signature)* — Date: 12/12/14

Approved for Content & Format:	**Justin Griffin *(Approval on File)***	**07/18/2014**
	SME/OJT	Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)***	**07/18/2014**
	Cognizant Engineer	Date
Approved for Content:	**Mike Ramirez *(Approval on File)***	**07/18/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)***	**07/18/2014**
	Manager Responsible for Training	Date

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Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: James Thompson

Education/Experience

Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	Cheryl Almejo 07-21-15 CCP Training Date

Job Specific Training

☐ Initial Qualification ☑ Requalification ☐ Full Requalification

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification. This qualification card applies to all CH sites except for Idaho National Laboratory (INL) and Los Alamos National Laboratory (LANL) Off Site Source Recovery Program (OSRP). The qualification cards for these sites are VE-PIT-01 and VE-OSRP-01, respectively.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination

(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-PO-050, *CCP TRUPACT-III TRU Waste Authorized Methods for Payload Control (CCP TRUPACT-III TRAMPAC)*
8. CCP-QP-002, *CCP Training and Qualification Plan*
9. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
10. CCP-QP-008, *CCP Records Management*
11. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
12. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
13. CCP-QP-023, *CCP Handling, Storage, and Shipping*
14. CCP-TP-113 , *CCP Standard Contact-Handled Waste Visual Examination*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	N/A 7-20-15 PA Trainee Date

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: James Thompson

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	CCP Training	Date: 07-21-15
2. CCP-VE-101, *Visual Examination (VE) TRU Waste Characterization Briefing (Always Required)*	CCP Training	Date: 07-21-15
3. VE-TEST-01, *Visual Examination (VE) Operator/ITR Comprehensive Examination (Always Required)*	CCP Training	Date: 07-21-15

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE)/ Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	2/4 PA 7-16-15
	2. List the VE DQO's	
CCP-QP-002	3. State the purpose of the List of Qualified Individuals (LOQI).	
CCP-QP-005	4. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	5. Describe how nonconforming items are documented.	
	6. Describe how nonconforming items are controlled to prevent their use.	
	7. State who has the responsibility to validate the NCR once initiated.	
	8. Describe how to revise an NCR.	
	9. Describe how to void an NCR.	
WP 15-GM1002	10. Describe the purpose of the WIPP Form process.	
	11. State the person responsible for originating a WIPP Form.	

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: James Thompson

	12. Describe how WIPP Forms are documented.	
	13. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	
	14. Describe actions personnel may take when conditions adverse to quality are discovered.	
CCP-QP-008	15. List the responsibilities of record generators.	
	16. State the storage and control requirements for records.	
	17. Explain the process and proper method to make corrections or revisions to records.	PB N/A
CCP-QP-010	18. State the importance of using approved documents.	
	19. State when to verify a document revision.	
CCP-QP-016	20. List the Measuring & Testing Equipment (M&TE) items used during VE.	7-14-15
CCP-TP-113/ CCP-VE-101 Briefing	21. Explain the purpose of VE.	
	22. What are the 2 methods used in the VE process?	
	23. Who makes the determination of the method used?	
	24. Describe the unit of measurement for weights to be recorded for VE.	
	25. Describe where to obtain the tare weight of a waste container.	
	26. Describe where to obtain the gross weight of a waste container.	
	27. State the number of waste containers allowed per Batch Data Report (BDR).	
	28. State how often a camera check is performed when using Method #1.	
	29. Define "layers of confinement."	

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: James Thompson

	30. Describe how to determine "maximum" layers of confinement.	
	31. Describe authorized methods of closure of a liner bag.	
	32. Describe how to determine Volume Utilization Percentage (VUP).	
	33. Describe the actions taken if prohibited items are found.	
	34. Discuss the requirements for packaging of sharp or heavy objects.	
	35. State the waste material parameters (WMP).	
	36. State how often a scale operational check is performed.	
	37. Describe the information that should be recorded when describing waste items.	
	38. State the criteria for a rigid liner to be considered vented.	
	39. State three examples of potentially "unsafe" packages/items that may be found within a waste container.	
	40. State five examples of prohibited items.	
	41. Describe how a non-transparent container is handled when liquid is suspected.	
	42. State the acceptable liquid limits in a characterized container.	
	43. Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	
	44. Describe the conditions that would generate an NCR during the VE process.	
	45. Define how often calibration due dates should be checked on certified equipment.	
	46. Define the increments in which the fill percent are recorded.	
	47. Explain who is allowed to make data changes on data sheets.	

2nd QA 7-14-15

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: James Thompson

Formal Training	OJT Practical Requirements[1] (This section must be performed in the presence of a VEE) (Always Required)			VEE SME/OJT Signature/Date
CCP-TP-113	1. Perform audio/video equipment operational checks.	P	(S)	Peggy Quomus 7-16-15
	2. Perform pre-use scale calibration verification.	P	(S)	Peggy Quomus 7-16-15
	3. Determine layers of confinement.	P	(S)	Peggy Quomus 7-16-15
	4. Verify the physical form of the waste matches the waste description.	P	(S)	Peggy Quomus 7-16-15
	5. Determine the Packaging Configuration	P	(S)	Peggy Quomus 7-16-15
	6. Determine the WMP(s).	P	(S)	Peggy Quomus 7-16-15
	7. Estimate the weight of each WMP.	P	(S)	Peggy Quomus 7-20-15
	8. Obtain weight of each WMP.	P	(S)	Peggy Quomus 7-20-15
	9. Determine the VUP.	P	(S)	Peggy Quomus 7-20-15
	10. Obtain the output weight for the waste container.	P	(S)	Peggy Quomus 7-20-15
	11. Prepare a BDR.	P	(S)	Peggy Quomus 7-20-15
	12. Demonstrate how to make changes/corrections to a BDR.	P	(S)	Peggy Quomus 7-20-15
	13. Complete an ITR.	P	(S)	Peggy Quomus 7-20-15

[1] For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed; for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: James Thompson

Approvals	
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a CH VE Operator/ITR.	James E. Thompson 7-20-15 Trainee *(printed name and signature)* Date
I have monitored the training of this individual and believe they are ready to perform the duties of a CH VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	Peggy Rasmus 7-20-15 VEE SME/OJT Instructor *(printed name and signature)* Date N/A PA 7-20-15 VEE SME/OJT Instructor *(printed name and signature)* Date
I approve this employee to perform the duties of a CH VE Operator/ITR.	Richard Kantrowitz 7/21/15 SPM *(printed name and signature)* Date

Approved for Content & Format:	**Tommy Mojica *(Approval on File)***	**07/15/2014**
	SME/OJT	Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)***	**07/15/2014**
	Cognizant Engineer	Date
Approved for Content:	**Mike Ramirez *(Approval on File)***	**07/15/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)***	**07/15/2014**
	Manager Responsible for Training	Date

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Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Contact-Handled (CH) Waste
Qualification Card

Name: Luis Romero

Education/Experience	
Resume documenting education and experience on file with National TRU Program Certification (NTPC) Training.	Cheryl Almazo 09-10-13 NTPC Training — Date

Job Specific Training

☑ **Initial Qualification** ☐ **Requalification** ☐ **Full Requalification**

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification. This qualification card applies to all CH sites except for Idaho National Laboratory (INL) and Los Alamos National Laboratory (LANL) Off Site Source Recovery Program (OSRP). The qualification cards for these sites are VE-PIT-01 and VE-OSRP-01, respectively.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
2. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
3. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
4. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
5. CCP-PO-050, *CCP TRUPACT-III TRU Waste Authorized Methods for Payload Control (CCP TRUPACT-III TRAMPAC)*
6. CCP-QP-002, *CCP Training and Qualification Plan*
7. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
8. CCP-QP-008, *CCP Records Management*
9. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
10. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
11. CCP-QP-023, *CCP Handling, Storage, and Shipping*
12. CCP-QP-029, *CCP Corrective Action Management*
13. CCP-TP-113, *CCP Standard Contact-Handled Waste Visual Examination*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	Luis Romero 7-9-13 Trainee — Date

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Luis Romero

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	Cheryl Hengo NTPC Training	09-10-13 Date
2. CCP-VE-101, *Visual Examination (VE) TRU Waste Characterization Briefing (Always Required)*	Cheryl Hengo NTPC Training	09-10-13 Date
3. VE-TEST-01, *Visual Examination (VE) Operator/ITR Comprehensive Examination (Always Required)*	Cheryl Hengo NTPC Training	09-10-13 Date

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE) Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	7-11-13
CCP-QP-002	2. State the purpose of the List of Qualified Individuals (LOQI).	7-11-13
CCP-QP-005	3. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	7-11-13
	4. Describe how nonconforming items are documented.	7-11-13
	5. Describe how nonconforming items are controlled to prevent their use.	7-11-13
	6. State who has the responsibility to validate the NCR once initiated.	7-11-13
	7. Describe how to revise an NCR.	7-11-13
	8. Describe how to void an NCR.	7-11-13
CCP-QP-029	9. Describe the purpose of the corrective action report (CAR) process.	7-11-13
	10. State the person responsible for originating a CAR.	7-11-13
	11. Describe how corrective actions are documented.	7-11-13

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Contact-Handled (CH) Waste
Qualification Card

Name: Luis Romero

	12.	State who has the responsibility to validate the CAR once initiated.	7-11-13
	13.	Describe actions personnel may take when conditions adverse to quality are discovered.	7-11-13
CCP-QP-008	14.	List the responsibilities of record generators.	7-11-13
	15.	State the storage and control requirements for records.	7-11-13
	16.	Explain the process and proper method to make corrections or revisions to records.	7-11-13
CCP-QP-010	17.	State the importance of using approved documents.	7-11-13
	18.	State when to verify a document revision.	7-11-13
CCP-QP-016	19.	List the Measuring & Testing Equipment (M&TE) items used during VE.	7-11-13
CCP-TP-113/ CCP-VE-101 Briefing	20.	Explain the purpose of VE.	7-11-13
	21.	What are the 2 methods used in the VE process?	7-11-13
	22.	Who makes the determination of the method used?	7-11-13
	23.	Describe the unit of measurement for weights to be recorded for VE.	7-11-13
	24.	Describe where to obtain the tare weight of a waste container.	7-11-13
	25.	Describe where to obtain the gross weight of a waste container.	7-11-13
	26.	State the number of waste containers allowed per Batch Data Report (BDR).	7-11-13
	27.	State how often a camera check is performed when using Method #1.	7-11-13
	28.	Define "layers of confinement."	7-11-13
	29.	Describe how to determine "maximum" layers of confinement.	7-11-13

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Contact-Handled (CH) Waste
Qualification Card

Name: Luis Romero

	30.	Describe authorized methods of closure of a liner bag.	7-11-13
	31.	Describe how to determine Volume Utilization Percentage (VUP).	7-11-13
	32.	Describe the actions taken if prohibited items are found.	7-11-13
	33.	Discuss the requirements for packaging of sharp or heavy objects.	7-11-13
	34.	State the waste material parameters (WMP).	7-11-13
	35.	State how often a scale operational check is performed.	7-11-13
	36.	Describe the information that should be recorded when describing waste items.	7-11-13
	37.	State the criteria for a rigid liner to be considered vented.	7-11-13
	38.	State three examples of potentially "unsafe" packages/items that may be found within a waste container.	7-11-13
	39.	State five examples of prohibited items.	7-11-13
	40.	Describe how a non-transparent container is handled when liquid is suspected.	7-11-13
	41.	State the acceptable liquid limits in a characterized container.	7-11-13
	42.	Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	7-11-13
	43.	Describe the conditions that would generate an NCR during the VE process.	7-11-13
	44.	Define how often calibration due dates should be checked on certified equipment.	7-11-13
	45.	Define the increments in which the fill percent are recorded.	7-11-13
	46.	Explain who is allowed to make data changes on data sheets.	7-11-13

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Contact-Handled (CH) Waste
Qualification Card

Name: Luis Romero

Formal Training	OJT Practical Requirements[1] *(This section must be performed in the presence of a VEE)* *(Always Required)*			VEE SME/OJT Signature/Date
CCP-TP-113	1. Perform audio/video equipment operational checks.	P	(S)	8-27-13
	2. Perform pre-use scale calibration verification.	(P)	S	8-27-13
	3. Determine layers of confinement.	(P)	S	8-27-13
	4. Verify the physical form of the waste matches the waste description.	(P)	S	8-27-13
	5. Determine the WMP(s).	(P)	S	8-27-13
	6. Estimate the weight of each WMP.	(P)	S	8-27-13
	7. Obtain weight of each WMP.	(P)	S	8-27-13
	8. Determine the VUP.	(P)	S	8-27-13
	9. Obtain the output weight for the waste container.	(P)	S	8-27-13
	10. Prepare a BDR.	(P)	S	8-27-13
	11. Demonstrate how to make changes/corrections to a BDR.	(P)	S	8-27-13
	12. Complete an ITR.	(P)	S	8-27-13

[1] For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed: for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Luis Romero

Approvals	
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a CH VE Operator/ITR.	Luis Romero Luis Romero 9-5-13 Trainee *(printed name and signature)* Date
I have monitored the training of this individual and believe they are ready to perform the duties of a CH VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	James E. Thompson 9-5-13 VEE SME/OJT Instructor *(printed name and signature)* Date N/A (JT) 9-5-13 VEE SME/OJT Instructor *(printed name and signature)* Date
I approve this employee to perform the duties of a CH VE Operator/ITR.	Richard Kantrowitz 9/10/13 SPM *(printed name and signature)* Date

Approved for Content & Format: **Tommy Mojica *(Approval on File)*** **07/08/2013**
SME/OJT Date

Approved for Applicability, Content & Format: **Andrew Stallings *(Approval on File)*** **07/08/2013**
Cognizant Engineer Date

Approved for Content: **Richard Kantrowitz *(Approval on File)*** **07/08/2013**
SPM Date

Approved for Applicability, Content, Format, & Use: **A.J. Fisher *(Approval on File)*** **07/08/2013**
Manager Responsible for Training Date

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Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste , Qualification Card

Name: Gilbert Gutierrez

Education/Experience	
Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	Cheryl Almanza 07-09-15 CCP Training Date

Job Specific Training

☐ Initial Qualification ☐ Requalification ☑ Full Requalification

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification. This qualification card applies to all CH sites except for Idaho National Laboratory (INL) and Los Alamos National Laboratory (LANL) Off Site Source Recovery Program (OSRP). The qualification cards for these sites are VE-PIT-01 and VE-OSRP-01, respectively.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-PO-050, *CCP TRUPACT-III TRU Waste Authorized Methods for Payload Control (CCP TRUPACT-III TRAMPAC)*
8. CCP-QP-002, *CCP Training and Qualification Plan*
9. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
10. CCP-QP-008, *CCP Records Management*
11. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
12. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
13. CCP-QP-023, *CCP Handling, Storage, and Shipping*
14. CCP-TP-113 , *CCP Standard Contact-Handled Waste Visual Examination*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	6-4-15 Trainee Date

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Gilbert Gutierrez

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	Cheryl Arrigo — CCP Training	07-09-15 — Date
2. CCP-VE-101, *Visual Examination (VE) TRU Waste Characterization Briefing (Always Required)*	Cheryl Arrigo — CCP Training	07-09-15 — Date
3. VE-TEST-01, *Visual Examination (VE) Operator/ITR Comprehensive Examination (Always Required)*	Cheryl Arrigo — CCP Training	07-09-15 — Date

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE) Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	Peggy Quintana 7-9-15
	2. List the VE DQO's	Peggy Quintana 7-9-15
CCP-QP-002	3. State the purpose of the List of Qualified Individuals (LOQI).	Peggy Quintana 7-9-15
CCP-QP-005	4. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	Peggy Quintana 7-9-15
	5. Describe how nonconforming items are documented.	Peggy Quintana 7-9-15
	6. Describe how nonconforming items are controlled to prevent their use.	Peggy Quintana 7-9-15
	7. State who has the responsibility to validate the NCR once initiated.	Peggy Quintana 7-9-15
	8. Describe how to revise an NCR.	Peggy Quintana 7-9-15
	9. Describe how to void an NCR.	Peggy Quintana 7-9-15
WP 15-GM1002	10. Describe the purpose of the WIPP Form process.	Peggy Quintana 7-9-15
	11. State the person responsible for originating a WIPP Form.	Peggy Quintana 7-9-15

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Gilbert Gutierrez

	12. Describe how WIPP Forms are documented.	PA 7-9-15 Peggy Quomes 6-29-15
	13. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	Peggy Quomes 7-9-15
	14. Describe actions personnel may take when conditions adverse to quality are discovered.	Peggy Quomes 7-9-15
CCP-QP-008	15. List the responsibilities of record generators.	Peggy Quomes 7-9-15
	16. State the storage and control requirements for records.	Peggy Quomes 7-9-15
	17. Explain the process and proper method to make corrections or revisions to records.	Peggy Quomes 7-9-15
CCP-QP-010	18. State the importance of using approved documents.	Peggy Quomes 7-9-15
	19. State when to verify a document revision.	Peggy Quomes 7-9-15
CCP-QP-016	20. List the Measuring & Testing Equipment (M&TE) items used during VE.	Peggy Quomes 7-9-15
CCP-TP-113/ CCP-VE-101 Briefing	21. Explain the purpose of VE.	Peggy Quomes 6-11-15
	22. What are the 2 methods used in the VE process?	Peggy Quomes 6-11-15
	23. Who makes the determination of the method used?	Peggy Quomes 6-11-15
	24. Describe the unit of measurement for weights to be recorded for VE.	Peggy Quomes 6-11-15
	25. Describe where to obtain the tare weight of a waste container.	Peggy Quomes 6-11-15
	26. Describe where to obtain the gross weight of a waste container.	Peggy Quomes 6-11-15
	27. State the number of waste containers allowed per Batch Data Report (BDR).	Peggy Quomes 6-11-15
	28. State how often a camera check is performed when using Method #1.	Peggy Quomes 6-11-15
	29. Define "layers of confinement."	~~Peggy Quomes~~ PA 6-11-15 Peggy Quomes 7-9-15

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Contact-Handled (CH) Waste
Qualification Card

Name: Gilbert Gutierrez

	30. Describe how to determine "maximum" layers of confinement.	Peggy Quarles 6-11-15
	31. Describe authorized methods of closure of a liner bag.	Peggy Quarles 6-11-15
	32. Describe how to determine Volume Utilization Percentage (VUP).	Peggy Quarles 6-11-15
	33. Describe the actions taken if prohibited items are found.	Peggy Quarles 6-11-15
	34. Discuss the requirements for packaging of sharp or heavy objects.	G. Gutierrez 6-4-15
	35. State the waste material parameters (WMP).	G. Gutierrez 6-4-15
	36. State how often a scale operational check is performed.	G. Gutierrez 6-4-15
	37. Describe the information that should be recorded when describing waste items.	G. Gutierrez 6-4-15
	38. State the criteria for a rigid liner to be considered vented.	G. Gutierrez 6-4-15
	39. State three examples of potentially "unsafe" packages/items that may be found within a waste container.	G. Gutierrez 6-4-15
	40. State five examples of prohibited items.	G. Gutierrez 6-4-15
	41. Describe how a non-transparent container is handled when liquid is suspected.	G. Gutierrez 6-4-15
	42. State the acceptable liquid limits in a characterized container.	G. Gutierrez 6-4-15
	43. Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	G. Gutierrez 6-4-15
	44. Describe the conditions that would generate an NCR during the VE process.	G. Gutierrez 6-4-15
	45. Define how often calibration due dates should be checked on certified equipment.	G. Gutierrez 6-4-15
	46. Define the increments in which the fill percent are recorded.	G. Gutierrez 6-4-15
	47. Explain who is allowed to make data changes on data sheets.	G. Gutierrez 6-4-15

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Gilbert Gutierrez

Formal Training	OJT Practical Requirements[1] *(This section must be performed in the presence of a VEE) (Always Required)*			VEE SME/OJT Signature/Date
CCP-TP-113	1. Perform audio/video equipment operational checks.	P	(S)	Peggy Quomus 7-9-15
	2. Perform pre-use scale calibration verification.	P	(S)	Peggy Quomus 7-9-15
	3. Determine layers of confinement.	P	(S)	Peggy Quomus 7-9-15
	4. Verify the physical form of the waste matches the waste description.	P	(S)	Peggy Quomus 7-9-15
	5. Determine the Packaging Configuration	P	(S)	Peggy Quomus 7-9-15
	6. Determine the WMP(s).	P	(S)	Peggy Quomus 7-9-15
	7. Estimate the weight of each WMP.	P	(S)	Peggy Quomus 7-9-15
	8. Obtain weight of each WMP.	P	(S)	Peggy Quomus 7-9-15
	9. Determine the VUP.	P	(S)	Peggy Quomus 7-9-15
	10. Obtain the output weight for the waste container.	P	(S)	Peggy Quomus 7-9-15
	11. Prepare a BDR.	P	(S)	Peggy Quomus 7-9-15
	12. Demonstrate how to make changes/corrections to a BDR.	P	(S)	Peggy Quomus 7-9-15
	13. Complete an ITR.	P	(S)	Peggy Quomus 7-9-15

[1] For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed: for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Gilbert Gutierrez

Approvals		
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a CH VE Operator/ITR.	Gilbert Gutierrez Trainee *(printed name and signature)*	7-9-15 Date
I have monitored the training of this individual and believe they are ready to perform the duties of a CH VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	Peggy Ausmus VEE SME/OJT Instructor *(printed name and signature)*	7-9-15 Date
	7-9-15 NIA James E. Thompson VEE SME/OJT Instructor *(printed name and signature)*	7-9-15 Date
I approve this employee to perform the duties of a CH VE Operator/ITR.	Barbara Broomfield SPM *(printed name and signature)*	7/09/15 Date

Approved for Content & Format:	**Tommy Mojica *(Approval on File)*** SME/OJT	**07/15/2014** Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)*** Cognizant Engineer	**07/15/2014** Date
Approved for Content:	**Mike Ramirez *(Approval on File)*** SPM	**07/15/2014** Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)*** Manager Responsible for Training	**07/15/2014** Date

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Contact Handled (CH) Site Project Manager (SPM) Qualification Card

Name: Terri-Anne Groover

Education/Experience	
Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	Cheryl Munjo 12-04-14 CCP Training — Date

Job Specific Training	
Qualification Limit	There is no qualification limit for this position. This qualification is a one-time-only requirement. Unsatisfactory performance will result in disqualification. If unsatisfactory performance is determined, the complete qualification card, including the On-the-Job Training (OJT) portions, must be completed to re-establish qualification.
Requalification Requirements	Not required. See above statement.

Indoctrination

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-CM-001, *CCP Equipment Change Authorization and Documentation*
3. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
4. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
5. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
6. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
7. CCP-PO-005, *CCP Conduct of Operations*
8. CCP-PO-050, *CCP TRUPACT-III TRU Waste Authorized Methods for Payload Control (CCP TRUPACT-III TRAMPAC)*
9. CCP-QP-002, *CCP Training and Qualification Plan*
10. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
11. CCP-QP-008, *CCP Records Management*
12. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
13. CCP-QP-019, *CCP Quality Assurance Reporting to Management*
14. CCP-QP-022, *CCP Software Quality Assurance Plan*
15. CCP-TP-001, *CCP Project Level Data Validation and Verification*
16. CCP-TP-002, *CCP Reconciliation of DQOs and Reporting Characterization Data*
17. CCP-TP-005, *CCP Acceptable Knowledge Documentation*
18. CCP-TP-006, *CCP Visual Examination Technique for Idaho National Laboratory (INL) Newly Generated TRU Waste*
19. CCP-TP-030, *CCP CH TRU Waste Certification and WWIS/WDS Data Entry*
20. CCP-TP-035, *CCP Container Management*
21. CCP-TP-053, *CCP Standard Real-Time Radiography (RTR) Inspection Procedure*
22. CCP-TP-058, *CCP NDA Performance Demonstration Program*
23. CCP-TP-068, *CCP Standardized Container Management*

Contact Handled (CH)
Site Project Manager (SPM)
Qualification Card

Name: Terri-Anne Groover

24. CCP-TP-113, *CCP Standard Contact-Handled Waste Visual Examination*
25. CCP-TP-120, *CCP Container Management*
26. CCP-TP-138, *CCP Execution of Long-Term Objective for the Unified Flammable Gas Test Procedure*
27. CCP-TP-163, *CCP Evaluation of Waste Packaging Records for Visual Examination of Records*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	Terri-Anne Groover	11-24-14
	Trainee	Date

Additional Training Requirements

CCP-PO-001	1. WAP/QAPjP Briefing and Test	CCP Training	12-04-14 Date
HAZ-ID-101	2. Hazardous Waste Identification (Self-Paced Module)	CCP Training	12-04-14 Date
CCP-VE-101	3. Visual Examination (VE) TRU Waste Characterization Briefing	CCP Training	12-04-14 Date
CCP-RTR-101	4. Real-Time Radiography (RTR) TRU Waste Characterization Briefing	CCP Training	12-04-14 Date

Formal Training	OJT Knowledge Requirements	Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. State the regulator who governs hazardous waste.	11/24/14
	2. Define the term "prohibited item" and give five examples of prohibited items.	11/24/14
	3. Identify the document allowing Waste Isolation Pilot Plant (WIPP) to receive and store TRU-mixed waste.	11/24/14
	4. Identify and describe the three major methods used to characterize TRU waste.	11/24/14
	5. State the Data Quality Objectives (DQOs) for VE/RTR.	11/24/14
	6. Name at least 2 DQOs for Acceptable Knowledge (AK).	11/24/14

Contact Handled (CH)
Site Project Manager (SPM)
Qualification Card

Name: Terri-Anne Groover

CCP-PO-002	7. State the five (5) Quality Assurance Objectives (QAOs).	11/24/14
	8. Define waste stream.	11/24/14
	9. Define waste matrix code.	11/24/14
	10. Describe the three (3) summary category groups.	11/24/14
	11. Define TRU waste.	11/24/14
	12. Define TRU-mixed waste.	11/24/14
	13. List the 10 radionuclides that must be reported.	11/24/14
	14. List the agency which governs radiological waste.	11/24/14
	15. State which document is the driver for non-destructive assay (NDA).	11/24/14
	16. State which type of radioactive waste is accepted at the WIPP (limited by The Land Withdrawal Act, as stated in the WIPP Waste Acceptance Criteria (WAC)).	11/24/14
CCP-QP-005	17. State one major purpose for the nonconformance control program.	11/24/14
	18. Identify who can initiate a non-conformance report (NCR).	11/24/14
	19. State how to review a NCR.	11/24/14
	20. Explain how to verify corrective actions.	11/24/14
	21. Explain the difference between a final disposition of 'Use As Is' and 'Rework.'	11/24/14
	22. Describe the process if an NCR generated at Project Level is determined to be "reportable."	11/24/14
WP 15-GM1002	23. Describe the purpose of the WIPP Form process.	11/24/14

Contact Handled (CH)
Site Project Manager (SPM)
Qualification Card

Name: Terri-Anne Groover

CCP-TP-001	24. State the person responsible for originating a WIPP Form.	11/24/14
	25. Describe how WIPP Forms are documented.	11/24/14
	26. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	11/24/14
	27. Describe actions personnel may take when conditions adverse to quality are discovered.	11/24/14
	28. State which characterization data requires SPM review and validation and verification.	11/24/14
	29. Explain how to ensure data is within the established criteria and meets the applicable QAOs.	11/24/14
	30. State the percentage of Batch Data Reports (BDRs) that must undergo SPM review.	11/24/14
	31. Explain when it is allowed to review BDRs with containers not on the AK Tracking Spreadsheet.	11/24/14
	32. State when an SPM must provide comments or justifications when completing an SPM checklist.	11/24/14
	33. Explain the differences between "editorial" changes and "data affecting" changes.	11/24/14
	34. State how the SPM documents the data generation level (DGL) data review, validation, and verification is being performed in accordance with applicable procedures.	11/24/14
CCP-TP-002	35. Discuss the components of a Characterization Information Summary (CIS).	11/3/14
	36. Discuss how to complete and prepare the Waste Stream Characterization Package.	11/3/14
	37. Explain how to verify the waste stream characterization meets the WAP requirements.	11/3/14
	38. Explain how to ensure the data generated meets the DQO's.	11/3/14
CCP-TP-005	39. Define the term "acceptable knowledge" and state one use/purpose for acceptable knowledge.	11/24/14
	40. Discuss how to resolve AK discrepancies.	11/24/14

Contact Handled (CH) Site Project Manager (SPM) Qualification Card

Name: Terri-Anne Groover

	41. Explain how to document the EPA Code modification to the Container Information Summary.	11/3/14
	42. State where acceptable knowledge information is documented.	11/3/14
	43. Discuss the AK sufficiency elements.	11/3/14
	44. State the purpose of the NDA Memo and who assists in its generation.	11/3/14
Formal Training	**OJT Practical Requirements**	**SME/OJT Signature/Date**
CCP-QP-005	1. Generate a NCR.	11/25/14
CCP-TP-001	2. Verify the data generation level independent review has been performed.	11/25/14
	3. Verify the appropriate BDR checklists are complete.	11/25/14
	4. Verify the data is within the established criteria and meets the applicable QAO's.	11/25/14
	5. Prepare the Data Validation Summary.	11/25/14
	6. Demonstrate proficiency in the review of RTR BDRs.[1]	11/25/14
	7. Demonstrate proficiency in the review of NDA BDRs.[1]	11/25/14
	8. Demonstrate proficiency in the review of VE BDRs.[1]	11/25/14
CCP-TP-002	9. Compile the Container Information Summary Report.	11/3/14
	10. Ensure the data generated meets the DQOs.	11/3/14
CCP-TP-005	11. Document EPA Code modification to the Container Information Summary.	11/3/14

[1] Proficiency will be demonstrated after the completion of BDR reviews in each discipline under the supervision of a qualified SPM SME.

Contact Handled (CH)
Site Project Manager (SPM)
Qualification Card

Name: Terri-Anne Groover

Approvals	
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a CH SPM.	Terri-Anne Groover 11-25-14 Trainee *(printed name and signature)* — Date
I have monitored the training of this individual and believe they are ready to perform the duties of a CH SPM. *(Validation by the SME/OJT instructor(s) involved in the training of this individual.)*	Craig Simmons 11/25/14 SME/OJT Instructor *(printed name and signature)* — Date
	Richard Kantrowitz 12/4/14 SME/OJT Instructor *(printed name and signature)* — Date
I approve this employee to perform the duties of a CH SPM.	MIKE RAMIREZ 12-4-14 SPM *(printed name and signature)* — Date

Approved for Content & Format:	**Richard Kantrowitz *(Approval on File)***	**09/17/2014**
	SME/OJT	Date
Approved for Content:	**Mike Ramirez *(Approval on File)***	**09/17/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)***	**09/17/2014**
	Manager Responsible for Training	Date

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Site Project Manager (SPM) Qualification Card

Name: Terri-Anne Groover **Badge Number:** [redacted]

Email Address: [redacted]

The requirements of this document are the result of an evaluation as described in CCP-QP-002, *CCP Training and Qualification Plan.*

Education / Experience

Trainee has been selected for this position based on their education, prior-experience, additional certifications, training, etc., as documented in the CCP training files.	Mark Pearcy Mark Pearcy 4/15/09 08 MP CCP Program Manager Date 1-24-12

Job Specific Training

Qualification Limit	There is no qualification limit for this position. This qualification is a one-time-only requirement. Upon completion of this core qualification card, the Trainee is qualified to perform SPM duties. Site specific qualification (i.e., BDR review) is valid for the site(s) with completed addenda. Unsatisfactory performance will result in disqualification. If unsatisfactory performance is determined, the qualification card and OJT process must be completed to re-establish qualification.
Requalification Requirements	Not required. See above statement.

Indoctrination

1. WAP/QAPjP Briefing and Test 1/28/02	Michele Billett 5/11/09 CCP Training Date
2. Hazardous Waste Code Assignments Briefing and Test	Alyca Atwood 5/11/09 CCP Training Date
3. Solid and Soils Sampling and Analysis for Site Project Managers (SPM) Briefing	5/13/09 Site Project Manager Date
4. NCR / CAR Briefing (Provided by CCP/QA Organization)	R Czyewski R Czyewski 4/30/09 CCP/QA Organization Date
5. Statistical Sampling Briefing	THOMAS R. GOTCLIFFE 5/11/09 Site Project Manager Date

Site Project Manager (SPM) Qualification Card

Name: Terri-Anne Groover	Badge Number: [redacted]
Email Address: [redacted]	

6. Contact-Handled Waste VE and RTR Training	Site Project Manager	Date: 5/13/09
7. Incompatibles Determination Training Module	Site Project Manager	Date: 5/13/09

Required Reading:

1. WP 08.NT.03, *Waste Stream Profile form*
2. CCP-CM-001, *CCP Equipment Change Authorization and Documentation*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP TRUPACT-II Authorized Methods for Payload Control (TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-PO-008, *CCP Quality Assurance Interface with the WTS Quality Assurance Program*
8. CCP-QP-002, *CCP Training and Qualification Plan*
9. CCP-QP-004, *CCP Corrective Action Management*
10. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
11. CCP-QP-006, *CCP Corrective Action Reporting and Control*
12. CCP-QP-008, *CCP Records Management*
13. CCP-QP-010, *CCP Document Preparation, Approval and Control*
14. CCP-QP-011, *CCP Notebooks & Logbooks*
15. CCP-QP-015, *CCP Procurement*
16. CCP-QP-016, *CCP Control of Measuring, Testing, and Data Collection Equipment*
17. CCP-QP-018, *CCP Management Assessment*
18. CCP-QP-022, *CCP TRU Software Quality Assurance*
19. CCP-QP-023, *CCP Handling, Storage, and Shipping*
20. CCP-QP-027, *CCP Test Control*
21. CCP-QP-028, *CCP Records Filing, Inventory, Scheduling, and Dispositioning*
22. CCP-QP-030, *CCP Written Practice for the Qualification of CCP Helium Leak Detection*
23. CCP-TP-001, *CCP Project Level Data Validation and Verification*
24. CCP-TP-002, *CCP Reconciliation of DQOs and Reporting Characterization Data*
25. CCP-TP-003, *CCP Sampling Design and Data Analysis for RCRA Characterization*
26. CCP-TP-005, *CCP Acceptable Knowledge Documentation*
27. CCP-TP-028, *CCP Radiographic Test and Training Drum Requirements*
28. CCP-TP-030, *CCP TRU Waste Certification and WWIS Data Entry*
29. CCP-TP-056, *CCP HSG Performance Demonstration Plan*
30. CCP-TP-058, *CCP NDA Performance Demonstration Plan*
31. CCP-TP-160, *CCP Random Selection of Containers for Headspace Gas Sampling and Analysis*

Site Project Manager (SPM) Qualification Card

Name: Terri-Anne Groover	Badge Number: [redacted]
Email Address: [redacted]	

I have read the listed required reading and understand my responsibilities as applicable to the procedures above.	Terri-A Groover 5/11/09 Trainee Signature Date
CCP-PO-005 - Conduct of Operations Comprehensive Exam 12/4/08	Michael Billett 5/11/09 CCP Training Date

Formal Training	On-the-job Training Knowledge Requirements	SME Signature / Date
CCP-PO-001	1. Define the term "prohibited item" and give two examples of prohibited items.	5/11/09
	2. Identify the document that permits WIPP to receive and store hazardous mixed TRU waste.	5/11/09
	3. Identify the four major methods used by CCP to characterize TRU waste and briefly describe each method.	5/11/09
	4. State three (3) instances when an NCR is required for non-destructive examination (NDE).	5/11/09
	5. State when an NCR is written for visual examination (VE).	5/11/09
	6. State when an NCR is written for headspace gas (HSG).	5/11/09
	7. State the difference between a "Z" qualifier and a "J" qualifier.	5/11/09
	8. State when a "B" qualifier is used.	5/11/09
	9. Describe the definition of VE of record according to New Mexico Environment Department (NMED). Provide an example.	5/11/09
	10. State when a duplicate waste drum is run.	5/11/09

Site Project Manager (SPM)
Qualification Card

Name: Terri-Anne Groover	Badge Number: [redacted]
Email Address: [redacted]	

CCP-PO-002	11. State when an NCR is written for non-destructive assay (NDA).	5/11/09
	12. State which document is the driver for NDA.	5/11/09
	13. Describe the information to look for in an NDA control chart during V & V review of an NDA batch data report.	5/11/09
CCP-QP-005	14. State one major purpose for the nonconformance control program.	5/11/09
	15. Identify who can initiate a non-conformance report (NCR).	5/11/09
CCP-TP-005	16. Define the term "acceptable knowledge" and state one use/purpose for acceptable knowledge.	5/11/09
	17. State where acceptable knowledge information is documented.	5/11/09
	18. Discuss the AK sufficiency elements.	5/11/09
	On-the-job Training Practical Requirements	**SME Signature / Date**
CCP-TP-001	1. Demonstrate proficiency in the review of headspace gas batch data (BDR) reports.	5/14/09
	2. Demonstrate proficiency in the review of non-destructive examination (NDE) BDRs.	Larry Porter 6/18/09
	3. Demonstrate proficiency in the review of non-destructive assay (NDA) BDRs.	Larry Porter 6/18/09
	4. Demonstrate proficiency in the review of visual examination (VE) BDRs.	Larry Porter 6/18/09
CCP-TP-002	5. Complete a Characterization Information Summary (CIS).	Larry Porter 6/18/09

Site Project Manager (SPM)
Qualification Card

Name: Terri-Anne Groover **Badge Number:** [redacted]

Email Address: [redacted]

Approvals	
I have completed formal training and received on-the-job training for this position. I fully understand my responsibilities as an SPM.	Terri-Anne Groover Terri-Anne Groover 6/18/09 Trainee *(printed name and signature)* Date
Validation by the SME/OJT instructor(s) involved in the training of this individual.	Michael W Martin 6/24/09 Adela M. Cantu Adela M Cantu 5/14/09 SME/OJT Instructor *(printed name and signature)* Date Larry Porter Larry Porter 6/18/09 SME/OJT Instructor *(printed name and signature)* Date
I approve this employee to perform the duties of an SPM.	Mark Pearcy Mark Pearcy 6/24/09 CCP Site Project Manager *(printed name and signature)* Date Mark Pearcy Mark Pearcy 6/24/09 CCP Program Manager *(printed name and signature)* Date
This qualification card has been reviewed for completeness and signature verification by CCP Training.	Michele Billett Michele Billett 6/24/09 CCP Training *(printed name and signature)* Date

Approved for Format: **Alyca Atwood** *(original signature on file)* 02-23-09
CCP Training Date

Approved for Content: **Craig Simmons** *(original signature on file)* 02-23-09
CCP Site Project Manager Date

Approved for Use: **R. A. Billett** *(original signature on file)* 02-23-09
CCP Program Manager Date

Attachment 7 – SPM Appointment Letter

Date: 2/23/15

Subject: Appointment letter for Tommy Mojica for the position of Visual Examination Expert (VEE)

Based on Tommy's resume and/or personal knowledge of Tommy's work history, I have determined he has suitable education and experience in accordance with CCP-QP-002, *CCP Training and Qualification Plan*, for the position of:

> Visual Examination Expert (VEE) for the Radioactive and Mixed Waste Management Facility (RMWMF) at TA-5. This is a CH function. I have reviewed Tommy's training file for qualification/familiarity to the applicable waste streams, experience handling TRU waste, and VE Operator qualifications.

Please initiate, as applicable, the CCP-specific training. Tommy will not be considered qualified for this position until all applicable/required training is complete, on file with CCP Training, and listed on the applicable LOQI(s).

If you have any questions, please contact me.

Thank you,

TGroover

Terri-Anne Groover
Site Project Manager

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Attachment 7 – SPM Appointment Letter

Date: 07/14/2014

Subject: Appointment letter for Tom Mojica for the position of Visual Examination Expert

Based on Tom Mojica's resume and personal knowledge of Tom's work history, I have determined he has suitable education and experience in accordance with CCP-QP-002, *CCP Training and Qualification Plan*, for the position of:

Visual Examination Expert at the Z machine building, and the Radioactive and Mixed Waste Management Facility at TA-4 with LANL waste.

If you have any questions, please contact me.

Thank you,

Terri-Anne Groover
Site Project Manager

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Armijo, Cheryl - TFE

From: Groover, Terri-Anne <tgroover@lanl.gov>
Sent: Thursday, December 05, 2013 4:15 PM
To: Armijo, Cheryl - Stoller; Billett, Michele - Stoller
Cc: Mojica, Tommy - LANL; Simmons, Craig - LANL
Subject: VEE Appointment letters

Ladies
Tommy Mojica and Peggy Ausmus are currently appointed as VEEs for CCP at LANL. I am amending the appointment letters to specify locations for VEEs at LANL. Tommy is appointed VEE for WCRRF, TA-54 Permacon 231, TA-54 buildings 375 and 412, CMR, and TA-55 building PF4. Peggy will be VEE for WCRR only. Please let me know if you need anything else in order to make these qualification appointments official. Thanks! tg

Terri-Anne Groover
Site Project Manager, LANL
Central Characterization Program
Nuclear Waste Partnership LLC
Contractor for U.S. Department of Energy
office phone: 505-606-2344
cell phone: 208-569-9803
email: tgroover@lanl.gov

"Choose being kind over being right and you'll be right every time."
— Richard Carlson

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Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Tommy Mojica

Education/Experience

Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	CCP Training 07-15-15 Date

Job Specific Training

☐ Initial Qualification ☑ Requalification ☐ Full Requalification

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification. This qualification card applies to all CH sites except for Idaho National Laboratory (INL) and Los Alamos National Laboratory (LANL) Off Site Source Recovery Program (OSRP). The qualification cards for these sites are VE-PIT-01 and VE-OSRP-01, respectively.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination

(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-PO-050, *CCP TRUPACT-III TRU Waste Authorized Methods for Payload Control (CCP TRUPACT-III TRAMPAC)*
8. CCP-QP-002, *CCP Training and Qualification Plan*
9. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
10. CCP-QP-008, *CCP Records Management*
11. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
12. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
13. CCP-QP-023, *CCP Handling, Storage, and Shipping*
14. CCP-TP-113, *CCP Standard Contact-Handled Waste Visual Examination*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	N/A (JI) 7-15-15 Trainee Date

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Tommy Mojica

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	Cheryl Almojo CCP Training	07-15-15 Date
2. CCP-VE-101, *Visual Examination (VE) TRU Waste Characterization Briefing (Always Required)*	Cheryl Almojo CCP Training	07-15-15 Date
3. VE-TEST-01, *Visual Examination (VE) Operator/ITR Comprehensive Examination (Always Required)*	Cheryl Almojo CCP Training	07-15-15 Date

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE) Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	N/A 7-15-15
	2. List the VE DQO's	
CCP-QP-002	3. State the purpose of the List of Qualified Individuals (LOQI).	
CCP-QP-005	4. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	5. Describe how nonconforming items are documented.	
	6. Describe how nonconforming items are controlled to prevent their use.	
	7. State who has the responsibility to validate the NCR once initiated.	
	8. Describe how to revise an NCR.	
	9. Describe how to void an NCR.	
WP 15-GM1002	10. Describe the purpose of the WIPP Form process.	
	11. State the person responsible for originating a WIPP Form.	

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Tommy Mojica

	12. Describe how WIPP Forms are documented.	
	13. Describe who has responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	
	14. Describe actions personnel may take when conditions adverse to quality are discovered.	
CCP-QP-008	15. List the responsibilities of record generators.	
	16. State the storage and control requirements for records.	
	17. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	18. State the importance of using approved documents.	
	19. State when to verify a document revision.	N/A
CCP-QP-016	20. List the Measuring & Testing Equipment (M&TE) items used during VE.	7-15-15
CCP-TP-113/ CCP-VE-101 Briefing	21. Explain the purpose of VE.	
	22. What are the 2 methods used in the VE process?	
	23. Who makes the determination of the method used?	
	24. Describe the unit of measurement for weights to be recorded for VE.	
	25. Describe where to obtain the tare weight of a waste container.	
	26. Describe where to obtain the gross weight of a waste container.	
	27. State the number of waste containers allowed per Batch Data Report (BDR).	
	28. State how often a camera check is performed when using Method #1.	
	29. Define "layers of confinement."	

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Tommy Mojica

	30. Describe how to determine "maximum" layers of confinement.	
	31. Describe authorized methods of closure of a liner bag.	
	32. Describe how to determine Volume Utilization Percentage (VUP).	
	33. Describe the actions taken if prohibited items are found.	
	34. Discuss the requirements for packaging of sharp or heavy objects.	
	35. State the waste material parameters (WMP).	
	36. State how often a scale operational check is performed.	
	37. Describe the information that should be recorded when describing waste items.	N/A 1-15-15
	38. State the criteria for a rigid liner to be considered vented.	
	39. State three examples of potentially "unsafe" packages/items that may be found within a waste container.	
	40. State five examples of prohibited items.	
	41. Describe how a non-transparent container is handled when liquid is suspected.	
	42. State the acceptable liquid limits in a characterized container.	
	43. Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	
	44. Describe the conditions that would generate an NCR during the VE process.	
	45. Define how often calibration due dates should be checked on certified equipment.	
	46. Define the increments in which the fill percent are recorded.	
	47. Explain who is allowed to make data changes on data sheets.	

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Tommy Mojica

Formal Training	OJT Practical Requirements (This section must be performed in the presence of a VEE) (Always Required)			VEE SME/OJT Signature/Date
CCP-TP-113	1. Perform audio/video equipment operational checks.	P	(S)	7-14-15
	2. Perform pre-use scale calibration verification.	P	(S)	7-14-15
	3. Determine layers of confinement.	P	(S)	7-14-15
	4. Verify the physical form of the waste matches the waste description.	P	(S)	7-15-15
	5. Determine the Packaging Configuration	P	(S)	7-15-15
	6. Determine the WMP(s).	P	(S)	7-15-15
	7. Estimate the weight of each WMP.	P	(S)	7-15-15
	8. Obtain weight of each WMP.	P	(S)	7-15-15
	9. Determine the VUP.	P	(S)	7-15-15
	10. Obtain the output weight for the waste container.	P	(S)	7-15-15
	11. Prepare a BDR.	P	(S)	7-15-15
	12. Demonstrate how to make changes/corrections to a BDR.	P	(S)	7-15-15
	13. Complete an ITR.	P	(S)	7-15-15

For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed; for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Contact-Handled (CH) Waste Qualification Card

Name: Tommy Mojica

Approvals	
I have completed formal training and received OJT for this position. I fully understand my responsibilities as a CH VE Operator/ITR.	Tommy Mojica — 7-15-15 Trainee *(printed name and signature)* — Date
I have monitored the training of this individual and believe they are ready to perform the duties of a CH VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	James E. Thompson — 7-15-15 VEE SME/OJT Instructor *(printed name and signature)* — Date N/A (JV) — 7-15-15 VEE SME/OJT Instructor *(printed name and signature)* — Date
I approve this employee to perform the duties of a CH VE Operator/ITR.	Carolina Soaterna — 7/15/15 SPM *(printed name and signature)* — Date

Approved for Content & Format:	**Tommy Mojica** ***(Approval on File)***	**07/15/2014**
	SME/OJT	Date
Approved for Applicability, Content & Format:	**Andrew Stallings** ***(Approval on File)***	**07/15/2014**
	Cognizant Engineer	Date
Approved for Content:	**Mike Ramirez** ***(Approval on File)***	**07/15/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher** ***(Approval on File)***	**07/15/2014**
	Manager Responsible for Training	Date

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Attachment 7 – SPM Appointment Letter

Date: May 20, 2014

Subject: Appointment letter for Justin Griffin for the position of OSRP Visual Examination Subject Matter Expert/On-the Job Training (SME/OJT).

Based on Justin's resume I have determined he has suitable education and experience in accordance with CCP-QP-002, *CCP Training and Qualification Plan*, for the position of: OSRP Visual Examination Subject Matter Expert/On-the Job Training (SME/OJT).

This re-review has been completed to explicitly address both education and experience, as per CBFO CAR 14-030. All previous appointments for the individual were valid and remain valid.

If you have any questions, please contact me.

Thank you,

T. A. Groover

Terri-Anne Groover
Site Project Manager

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Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Justin Griffin

Education/Experience	
Resume documenting education and experience on file with Central Characterization Program (CCP) Training.	Chuck Wise 3-26-15 CCP Training — Date

Job Specific Training

☐ Initial Qualification ☑ Requalification ☐ Full Requalification

Qualification Limit	**This qualification is valid for two (2) years.** If necessary, additional training may be required by the Site Project Manager (SPM) or the Manager Responsible for Training. Unsatisfactory performance will result in disqualification by the Manager Responsible for Training. The candidate must successfully complete the entire qualification card to reestablish qualification.
Requalification Requirements	Items required for requalification are identified by text.

Indoctrination
(Required at Initial Qualification and Full Requalification)

Initial/Indoctrination Reading:

1. WP 15-GM1002, *Issues Management Processing of WIPP Forms*
2. CCP-HSP-014, *Health and Safety Program Implementation for CCP*
3. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
4. CCP-PO-002, *CCP Transuranic Waste Certification Plan*
5. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
6. CCP-PO-005, *CCP Conduct of Operations*
7. CCP-QP-002, *CCP Training and Qualification Plan*
8. CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
9. CCP-QP-008, *CCP Records Management*
10. CCP-QP-010, *CCP Document Preparation, Approval, and Control*
11. CCP-QP-016, *CCP Control of Measuring and Testing Equipment*
12. CCP-QP-023, *CCP Handling, Storage, and Shipping*
13. CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging*

I have read the listed Initial/Indoctrination Reading and understand my responsibilities as applicable to the procedures above.	N/A Trainee — Date

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Justin Griffin

Additional Training Requirements		
1. WAP/QAPjP Briefing and Test *(One-time Requirement)*	Chuck Wise	3-26-15
	CCP Training	Date
2. VE Comprehensive Exam *(Always Required)*	Chuck Wise	3-26-15
	CCP Training	Date

Formal Training	On-the-Job Training (OJT) Knowledge Requirements *(Required at Initial Qualification and Full Requalification)*	Visual Examination Expert (VEE) Subject Matter Expert (SME)/OJT Signature/Date
CCP-PO-001	1. List the Quality Assurance objectives validated by VE.	
CCP-QP-002	2. State the purpose of the List of Qualified Individuals (LOQI).	
CCP-QP-005	3. State when a nonconformance report (NCR) should be prepared and who is responsible to initiate it.	
	4. Describe how nonconforming items are documented.	
	5. Describe how nonconforming items are controlled to prevent their use.	
	6. State who has the responsibility to validate the NCR once initiated.	
	7. Describe how to revise an NCR.	
	8. Describe how to void an NCR.	N/A
WP 15-GM1002	9. Describe the purpose of the WIPP Form process.	
	10. State the person responsible for originating a WIPP Form.	
	11. Describe how WIPP Forms are documented.	
	12. Describe who has the responsibility for processing WIPP Forms, approving Corrective Action Plans, and approving closure of WIPP Forms.	

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Justin Griffin

	13. Describe actions personnel may take when conditions adverse to quality are discovered.	
CCP-QP-008	14. List the responsibilities of record generators.	
	15. State the storage and control requirements for records.	
	16. Explain the process and proper method to make corrections or revisions to records.	
CCP-QP-010	17. State the importance of using approved documents.	
	18. State when to verify a document revision.	
CCP-QP-016	19. List the Measuring & Testing Equipment (M&TE) items used during VE.	
CCP-TP-069	20. Explain the purpose of Sealed Source VE and the roles and responsibilities of the VE Operator.	
	21. State the acceptable units of measurement for weight.	N/A
	22. State the number of waste containers allowed per Batch Data Report (BDR).	
	23. Define "layers of confinement."	
	24. Define "sealed source."	
	25. Describe how to identify sources being collected	
	26. State the authorized method to close a liner bag.	
	27. Explain the actions taken if a hazardous condition is encountered while conducting work.	
	28. State the waste material parameters (WMP) and state the sealed source WMP.	
	29. Describe the information that should be recorded when describing waste items.	
	30. State the criteria for a rigid liner to be considered vented.	
	31. Explain the responsibilities and functions of the Independent Technical Reviewer (ITR).	

Visual Examination (VE)
Operator/Independent Technical Reviewer (ITR) for
Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP)
Qualification Card

Name: Justin Griffin

	32. Explain why it is important to minimize any lateral movement of the lid across the mating flange face.			
	33. Describe the closure method for pipe overpack containers.			
	34. Describe the conditions that would require generation of a non-conformance report (NCR) during the VE process.			N/A
	35. Describe how to revise a BDR.			
	36. Describe how to void a BDR.			
Formal Training	**OJT Practical Requirements[1]** *(Always Required)* *(This section must be performed in the presence of a VEE)*			**VEE SME/OJT Signature/Date**
CCP-TP-069	1. Complete a container packaging and VE data record form.	P	(S)	3/23/15
	2. Perform the closure of a pipe overpack container.	P	(S)	3/23/15
	3. Determine layers of confinement.	P	(S)	3/23/15
	4. Verify the physical form of the waste matches the waste description.	P	(S)	3/23/15
	5. Determine the WMP(s).	P	(S)	3/23/15
	6. Estimate the weight of each WMP.	P	(S)	3/23/15
	7. Obtain the output weight for the waste container.	P	(S)	3/23/15
	8. Prepare a BDR.	P	(S)	3/23/15
	9. Complete an ITR.	P	(S)	3/23/15

[1] For simulated steps that involve the recording of information, the steps can be satisfied by the trainee's ability to identify the specific location in the correct record form where actual data would be entered, and explain where the information would be obtained. All required calculations will actually be performed: for simulations, representative data will be used in lieu of actual data. Circle "P" if actually performed or "S" if requirement was simulated.

Visual Examination (VE) Operator/Independent Technical Reviewer (ITR) for Los Alamos National Laboratory (LANL) - Off Site Source Recovery Program (OSRP) Qualification Card

Name: Justin Griffin

Approvals	
I have completed formal training and received OJT for this position. I fully understand my responsibilities as an OSRP VE Operator/ITR.	Justin W. Griffin 3/27/15 Trainee *(printed name and signature)* Date
I have monitored the training of this individual and believe they are ready to perform the duties of an OSRP VE Operator/ITR. *(Validation by the VEE SME/OJT instructor(s) involved in the training of this individual).*	Alex Feldman 3/27/15 VEE SME/OJT Instructor *(printed name and signature)* Date N/A VEE SME/OJT Instructor *(printed name and signature)* Date
I approve this employee to perform the duties of an OSRP VE Operator/ITR.	Carolina Zatona 3/26/15 SPM *(printed name and signature)* Date

Approved for Content & Format:	**Justin Griffin *(Approval on File)***	**07/18/2014**
	SME/OJT	Date
Approved for Applicability, Content & Format:	**Andrew Stallings *(Approval on File)***	**07/18/2014**
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Approved for Content:	**Mike Ramirez *(Approval on File)***	**07/18/2014**
	SPM	Date
Approved for Applicability, Content, Format, & Use:	**A.J. Fisher *(Approval on File)***	**07/18/2014**
	Manager Responsible for Training	Date

TABLE OF AUDITED DOCUMENTS

Audit A-15-21			
	Document No.	**Rev.**	**Document Title**
1.	CCP-PO-001	21	CCP Transuranic Waste Characterization Quality Assurance Project Plan
2.	CCP-QP-002	39	CCP Training and Qualification Plan
3.	CCP-QP-005	25	CCP TRU Nonconforming Item Reporting and Control
4.	CCP-QP-008	24	CCP Records Management
5.	CCP-QP-021	10	CCP Surveillance Program
6.	CCP-QP-028	16	CCP Records Filing, Inventorying, Scheduling, and Dispositioning
7.	CCP-TP-001	21	CCP Project Level Data Validation and Verification
8.	CCP-TP-002	26	CCP Reconciliation of DQOs and Reporting Characterization Data
9.	CCP-TP-005	26	CCP Acceptable Knowledge Documentation
10.	CCP-TP-028	9	CCP Radiographic Test Drum and Training Container Construction
11.	CCP-TP-030	34	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
12.	CCP-TP-053	15	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
13.	CCP-TP-069	6	CCP Sealed Source Visual Examination and Packaging
14.	CCP-TP-101	7	CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization
15.	CCP-TP-113	19	CCP Standard Contact-Handled Waste Visual Examination
16.	CCP-TP-120	16	CCP Container Management
17.	CCP-TP-122	5	CCP RTR #2 Operating Procedure
18.	CCP-TP-198	8	CCP HE-RTR Operating Procedure
19.	WP 13-QA.03	24	Quality Assurance Independent Assessment Program

Controlled
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Effective Date: MAY 3 1 2013

CCP-PO-001
Revision 21

CCP Transuranic Waste Characterization Quality Assurance Project Plan

Approved by: _____ Date: 4-16-13
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Nuclear Waste Partnership
Carlsbad, NM

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
3	01/14/2002	Added Tables B-9, B-10, and B-11; Revised the CCP Organization Chart, Figure A-1; and made numerous editorial corrections.
4	05/31/2002	Revised the CCP Organization Chart, Figure A-1 and added 3 new positions in the responsibilities Section A-4; corrected an error in Table B3-1; revised Section B4-2; revised Sections B3-10, B3-12,B-4, and subsections, and revised Tables B3-11, B3-12, and B3-13 to reflect the current WAP.
5	02/05/2003	Revised the CCP Organization Chart, Figure A-1 and section A-4c to update to the Vice President of National TRU Program Division title. Changes made to implement the Drum Age Criteria (DAC) permit Modification.
6	06/11/2003	Updated to Revision 5 of the QAPD.
7	01/08/2004	Added procedures to Table B-9 and Table B-11.
8	03/15/2004	Added procedures to Table B-9, Table B-10 and Table B-11. Modified Site Project Quality Assurance Officer description and CCP Organization chart. Updated Table B1-2, Table B3-3, Section B3-5 to reflect the WAP. Updated Table B3-6, Table B4, Table B1-4, Section B-3a(2), B-3d(1)(a), Table B-1, and Table B-8 to delete PCBs. Section B-1c, 6th bullet revised to reflect the language of the WAP.
9	01/14/05	Revised to add procedures to Table B-9, Table B-10, and Table B-11. Incorporated CBFO DRR comments.
10	02/24/05	Revised to add procedure to table B-11, to incorporate LANL Off-Site Recovery Program Project Scope.
11	03/10/2005	Revised to add procedures to Section B1-2a and Table B-11. Added new table, Table B-9A, Solids Sampling Procedures Used by CCP.
12	03/22/2006	Revised procedures tables, Added new Table B-9, Listing of Permitted hazardous waste numbers and updated responsibilities.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
13	11/16/2006	Revised to implement changes to the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/RH PMR.
14	03/28/2007	Revised procedure tables to add references to sections implemented by the procedure, and to align the wording of Section B7-2 with the wording in the permit.
15	08/10/2007	Revised to remove Visual Examination (VE) Expert decisions and signature and date from Table B3-11, Testing Batch Data Report Contents. Added the Idaho National Laboratory (INL) procedures to Attachment 1, Implementing Procedures.
16	10/31/2007	Revised to incorporate statistical terminology and text changes included in September 2007 Class 1 Permit Notifications and update Attachment 1, Implementing Procedures.
17	06/23/2009	Updated to agree with the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit Class 1 Modification dated July 2008.
18	06/30/2010	Revised to incorporate modifications to the Hazardous Waste Facility Permit. To make editorial changes that are needed and to change the Waste Isolation Pilot Plant (WIPP), Waste Information System (WWIS) to WWIS/Waste Data System (WDS).
19	12/29/2010	Revised to include changes from Permit Renewal.
20	06/16/2011	Revised to incorporate Class 2 Permit Modification (Transuranic Package Transporter Model III and Standard Large Box 2).
21	05/31/2013	Revised to clarify hierarchy of documents, adding Nuclear Waste Partnership (NWP) LLC, 13-1, *Quality Assurance Program Description*, also revised due to the Class 2 permit modification request (PMR) to the Waste Isolation Pilot Plant (WIPP) Permit, and made other administrative changes as needed.

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A INTRODUCTION

The Central Characterization Program (CCP) is tasked with characterizing and certifying transuranic (TRU) waste for disposal at the Waste Isolation Pilot Plant (WIPP). Characterization consists of acceptable knowledge (AK), radiography and visual examination (VE). This work is conducted in accordance with the Nuclear Waste Partnership, LLC (NWP), *Quality Assurance Program Description* (QAPD) and this Quality Assurance Project Plan (QAPjP).

This QAPjP describes how waste characterization and certification by the CCP comply with NM 4890139088-TSDF, *Waste Isolation Pilot Plant Hazardous Waste Facility Permit* (HWFP), Attachment C - C6, *Waste Analysis Plan* (WAP) (New Mexico Environment Department [NMED]) and WP 13-1, the NWP QAPD. The format of this QAPjP parallels that of the WAP.

NOTE

Throughout this document, there are references to procedures that implement the requirements. These references appear as a letter and one to three digits in parenthesis where the requirement is stated. Document users should then be able to refer to Attachment 1, Implementing Procedures, where these references list the procedure number and title.

A-1 Background

The WAP is organized such that it specifies that the generator/storage sites (hereinafter referred to as “sites”) conduct their own TRU waste characterization and certification, including their own data generation level and project level data validation and verification. However, some sites (typically small quantity sites) do not have the resources necessary to characterize and certify their TRU waste. Additionally, other sites have expressed interest in using subcontractors to augment their existing capabilities. The CCP was established to assist these sites as well as to provide cost-effective TRU waste characterization, confirmation, and certification, including data generation level and project level data validation and verification.

The CCP may provide its services to a site by contracting directly with that site. If this is the case, the scope of services provided by CCP are specified in a Statement of Work (SOW) issued by the site. The SOW also specifies health and safety requirements, quality requirements, and other requirements specific to that site. A site-specific interface document may also be prepared which provides more detail on the site-CCP interface.

The site has general management oversight responsibility for work performed by the CCP at the site. The site is responsible for ensuring that CCP conducts its activities in compliance with site requirements.

A-2 Scope

This QAPjP specifies quality requirements, management activities, and procedures necessary to meet the specific data quality objectives (DQOs) for TRU waste characterization as defined in the WAP and QAPD. Only TRU waste that has been characterized and certified in accordance with the WAP is shipped to the WIPP facility. TRU waste characterization and certification activities conducted by the CCP are performed in accordance with the requirements and implementing procedures identified in this QAPjP. In some cases, some characterization or certification activities are shared between the CCP and the Host site. The applicable implementing site documentation is specified in a SOW and supplemented by a site interface document, if required.

This QAPjP meets WAP characterization and certification requirements for contact-handled (CH) and remote-handled (RH) TRU waste. As used in this document, the term TRU waste includes TRU and TRU-mixed wastes. The term “characterization” is used where applicable to indicate the entire characterization process. Additionally, the WAP allows waste streams to be divided into waste stream lots. Therefore, the term waste stream may be used to indicate waste stream lots.

B PROJECT DESCRIPTION

Consistent with requirements in the WAP, CCP uses AK to initially characterize TRU waste. Section C4 of this QAPjP outlines the process used to characterize TRU waste using AK. AK documentation provides the basis for identifying the TRU waste eligible for WIPP disposal. The characterization process is based on the following:

- Waste considered for characterization is defense-related and has a TRU alpha activity greater than 100 nanocuries (nCi) per gram (g)
- Resource Conservation and Recovery Act (RCRA) hazardous waste determinations are made initially using AK for TRU waste streams

AK information for each waste stream is compiled in AK reports and supporting documentation. Based on AK, waste streams are delineated according to Summary Category Group, and waste matrix codes are assigned to each waste stream.

The CCP evaluates the characterization necessary to certify a particular waste stream. If additional characterization is needed to supplement site capabilities, the CCP uses mobile characterization facilities to perform characterization activities. Mobile characterization support is provided in accordance with this QAPjP. The CCP has the option to use data or transportation services from established TRU waste characterization activities at a U.S. Department of Energy (DOE)-Carlsbad Field Office (CBFO)-certified site.

B-1 Central Characterization Program Organization and Responsibilities

The CCP organization is shown in Figure B-1, CCP Organization, and responsibilities are described in the following sections. Figure B-1 includes generic CCP positions. More specific positions are described in the SOW or site interface plan.

B-2 Central Characterization Program (CCP) Manager

The CCP Manager is responsible for the day-to-day management and direction of CCP activities related to the characterization, certification, transportation, and disposal of TRU waste for DOE-CBFO. The CCP Manager is responsible for the following:

- Ensuring successful CCP/site interface
- Ensuring CCP plans and operations are coordinated, integrated, and consistent with DOE-CBFO programs, policies, and guidance
- Coordinating CCP activities and functioning as principal point of contact with DOE-CBFO and other regulating agencies
- Reviewing and approving this QAPjP

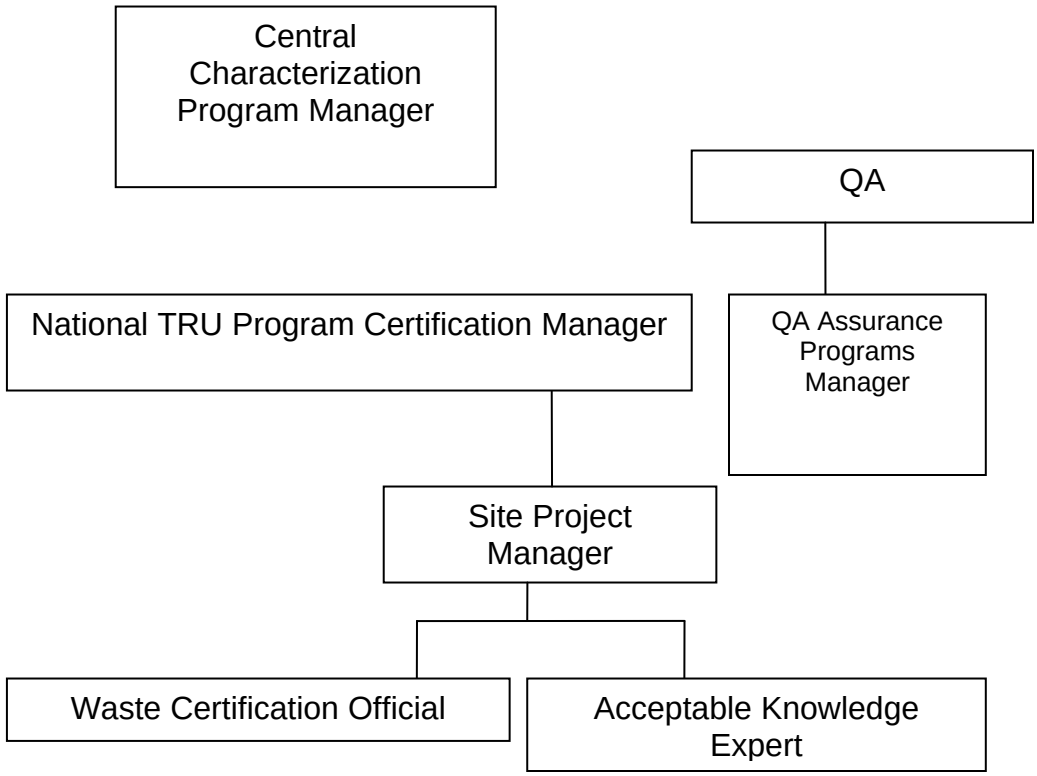
B-3 Site Project Manager

The Site Project Manager (SPM) oversees TRU waste characterization and certification activities and is responsible for the following:

- Developing, maintaining, reviewing, approving, and implementing CCP procedures and plans
- Scheduling revisions and distribution of CCP procedures and plans and forwarding these documents (if significantly revised) to DOE-CBFO for review and approval before implementation
- Reviewing and approving site interface documents (if used)
- Participating in internal audits and assessments
- Assisting Quality Assurance (QA) in developing project assessment criteria and responses to deficiency reports
- Halting characterization or certification activities if problems affecting the quality of the certification or work processes exist

- Ensuring CCP personnel receive appropriate training and orientation and maintain proficiency in work assignments
- Evaluating AK reports
- Reconciling AK information with characterization data
- Reconciling verified data with DQOs
- Ensuring that conditions adverse to quality are resolved and that corrective actions are implemented in a timely manner
- Preparing and submitting SPM Data Validation Summaries, Waste Stream Profile Forms (WSPFs), Characterization Information Summaries, and Waste Stream Characterization Packages (if requested by DOE-CBFO)
- Reviewing semi-annual QA/Quality Control (QC) summary reports and forwarding them and comments to the DOE-CBFO

Figure B-1. CCP Organization



C WASTE ANALYSIS PLAN

C-0 Introduction and Attachment Highlights

This QAPjP has been prepared for waste characterization activities to be conducted to meet requirements set forth in 20.4.1.500 New Mexico Administrative Code (NMAC) (incorporating 40 Code of Federal Regulation [CFR] §264.13) for waste disposal at the WIPP. This QAPjP includes test methods for complying with the general waste analysis requirements of 20.4.1.500 NMAC (incorporating 40 CFR §264.13), and a description of the QA/QC program. Before the CCP offers waste for shipment to the WIPP, the CCP implements the applicable requirements of this QAPjP.

TRU waste contains TRU radioactive components and may contain hazardous components, as defined in the New Mexico Hazardous Waste Act (HWA) and 20.4.1.200 NMAC (incorporating 40 CFR, §268.35. TRU waste is designated and separately packaged as either CH or RH, based on the radiological dose rate at the surface of the waste container.

The hazardous components of the TRU waste to be managed at the WIPP facility are designated in Table C-5, Listing of Permitted Hazardous Waste Numbers. Some of the waste is also identified by unique state hazardous waste numbers and is certified by the CCP if it meets the conditions of the WIPP Hazardous Waste Permit, Part 2, Table 2.3.4. This document describes the measures that will be taken to ensure that the TRU mixed wastes received at the WIPP facility are within the scope of Table C-5 as established by 20.4.1.500 NMAC (incorporating 40 CFR §264), and that they comply with unit-specific requirements of 20.4.1.500 NMAC (incorporating 40 CFR §264.600), Miscellaneous Units.

The CCP has developed this QAPjP to comply with the requirements of the WAP for characterizing CH TRU wastes. The hazardous components of the TRU waste disposed at the WIPP facility are described on a WSPF for each waste stream (T2). TRU waste that may be certified by the CCP are generated at DOE facilities by defense activities, including the following:

- Production of nuclear products
- Plutonium recovery
- Research and development
- Decontamination and decommissioning

Some TRU waste is retrievably stored at the DOE sites. Additional TRU waste is generated and packaged into containers at these sites. Retrievably stored waste is defined as TRU waste generated after 1970 and before NMED notifies the Permittees, by approval of the final audit report, that the characterization requirements of the WAP

at a site have been implemented. Newly-generated waste is defined as TRU waste generated after NMED approves the final audit report for a site. Waste characterization of retrievably stored TRU waste is performed on an ongoing basis, as the waste is retrieved. AK information is assembled for both the retrievably stored and newly generated waste. Waste characterization of newly generated TRU waste is performed as it is generated, although some characterization occurs post-generation.

Waste characterization is defined in Part 1 as the activities performed by the waste generator to satisfy the general waste analysis requirements of 20.4.1.500 NMAC (incorporating 40 CFR §264.13[a]) before waste containers have been certified for disposal at WIPP. The characterization process for WIPP waste is presented in Figure C-2, Waste Characterization Process. CCP waste characterization programs are first audited by DOE, with the NMED approving the final audit report. After this, CCP determines whether AK alone is sufficient for characterization, or whether a radiography or VE in conjunction with AK is necessary to adequately characterize wastes. If an AK Sufficiency Determination is sought, information is provided to the Permittees for their review and DOE's provisional approval; NMED determination of adequacy of the AK information is required before final approval by DOE. If the radiography or VE route is chosen, sites proceed to perform radiography or VE in conjunction with AK and in accordance with this QAPjP. Once an AK Sufficiency Determination is obtained, or when required radiography or VE data are obtained, sites would then prepare and submit the WSPF for DOE's approval. Once the WSPF is approved, CCP may ship waste to WIPP. The Permittees will perform waste confirmation prior to shipment of the waste from the generator/storage site to WIPP pursuant to Section C7, performing radiography or VE of a representative subpopulation of certified waste containers, to ensure that the wastes meet the applicable requirements of the *Treatment, Storage, and Disposal Facility Waste Acceptance Criteria* (TSDF-WAC).

C-0a Waste Characterization

Characterization requirements for individual containers of TRU waste are specified on a waste stream basis. The WAP defines a waste stream as waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity. Waste streams are grouped by waste matrix code groups related to the physical and chemical properties of the waste (DOE 1995b). The CCP uses the characterization techniques described in this QAPjP to assign the appropriate waste matrix code groups to waste streams for WIPP disposal. The waste matrix code groups are solidified inorganics, solidified organics, salt waste, soils, lead/cadmium metal, inorganic nonmetal waste, combustible waste, graphite, filters, heterogeneous debris waste, and uncategorized metal. Waste matrix code groups are grouped into three Summary Category Groups: Homogeneous Solids (Summary Category Group S3000), Soil/Gravel (Summary Category Group S4000), and Debris Waste (Summary Category Group S5000).

TRU wastes are initially categorized into the three broad Summary Category Groups that are related to the final physical form of the wastes. This categorization is based on the Summary Category Group constituting the greatest volume of waste for a waste stream. Waste characterization requirements for these groups are specified in Section C-2. Each of the three groups is described below.

S3000 - Homogeneous Solids

Homogeneous solids, are defined as solid materials, excluding soil, that do not meet the NMED criteria for classification as debris (20.4.1.800 NMAC [incorporating 40 CFR §268.2(g) and (h)]). Included in the series of homogeneous solids are inorganic process residues, inorganic sludges, salt waste, and pyrochemical salt waste. Other waste streams are included in this Summary Category Group based on the specific waste stream types and final waste form. This Summary Category Group is expected to contain toxic metals and spent solvents. This category includes wastes that are at least 50 percent by volume homogeneous solids.

S4000 - Soils/Gravel

This Summary Category Group includes S4000 waste streams that are at least 50 percent by volume soil/gravel. This Summary Category Group is expected to contain toxic metals.

S5000 - Debris Wastes

This Summary Category Group includes heterogenous waste that is at least 50 percent by volume materials that meet the criteria specified in 20.4.1.800 NMAC (incorporating 40 CFR §268.2 [g]). Debris means solid material exceeding a 2.36 inch (in.) (60 millimeter [mm]) particle size that is intended for disposal and that is:

1. a manufactured object, or

2. plant or animal matter, or

3. natural geologic material.

Particles smaller than 2.36 inches in size may be considered debris if the debris is a manufactured object and if it is not a particle of S3000 or S4000 material.

The most common hazardous constituents in the TRU waste to be managed in the WIPP facility consist of the following:

Metals

Some of the TRU waste to be emplaced in the WIPP facility contains metals for which 20.4.1.200 NMAC (incorporating 40 CFR §261.24), toxicity characteristics were established (EPA Hazardous Waste Numbers D004 through D011). Cadmium, chromium, lead, mercury, selenium, and silver are present in discarded tools and equipment, solidified sludges, cemented laboratory liquids, and waste from decontamination and decommissioning activities. A large percentage of the waste consists of lead-lined gloveboxes, leaded rubber gloves and aprons, lead bricks and piping, lead tape, and other lead items. Lead, because of its radiation-shielding applications, is the most prevalent toxicity-characteristic metal present.

Halogenated Volatile Organic Compounds

Some of the TRU waste to be emplaced in the WIPP facility contains spent halogenated volatile organic compound (VOC) solvents identified in 20.4.1.200 NMAC (incorporating 40 CFR §261.31) (EPA Hazardous Waste Numbers F001 through F005). Tetrachloroethylene; trichloroethylene; methylene chloride; carbon tetrachloride; 1,1,1-trichloroethane; and 1,2-trichloro-1,2,2,-trifluoroethane (EPA Hazardous Waste Numbers F001 and F002) are the most prevalent halogenated organic compounds identified in TRU waste that may be managed at the WIPP facility during the Disposal Phase. These compounds are commonly used to clean metal surfaces prior to plating, polishing, or fabrication; to dissolve other compounds; or as coolants. Because they are highly volatile, only small amounts typically remain on equipment after cleaning or, in the case of treated waste waters, in the sludges after clarification and flocculation. Radiolysis may also generate halogenated volatile organic compounds.

Nonhalogenated Volatile Organic Compounds

Xylene, methanol, and n-butanol are the most prevalent nonhalogenated VOCs in TRU waste that may be managed at the WIPP facility during the Disposal Phase. Like the halogenated VOCs, they are used as degreasers and solvents and are similarly volatile. The same analytical methods that are used for halogenated VOCs are used to detect the presence of nonhalogenated VOCs. Radiolysis may also generate non-halogenated volatile organic compounds.

The CCP will characterize waste in accordance with this QAPjP, and ensure that waste proposed for storage and disposal at WIPP meets the applicable requirements of the

TSDF-WAC in Part 2. The CCP will assemble the AK information in an auditable record[1] for the waste stream as described in Section C4. For those waste streams with an approved AK Sufficiency Determination (see below), radiography or VE per the methods described in Section C1 are not required.

All waste characterization activities specified in this QAPjP and associated attachments shall be carried out at generator/storage sites and DOE approved laboratories in accordance with this QAPjP. The DOE will audit the CCP waste characterization programs and activities as described in Section C-3. Waste characterization activities at the generator/storage sites include the following, although not all these techniques will be used on each container, as discussed in Section C-3:

- Radiography, an x-ray technique used to determine the physical contents of containers.
- VE of the contents of opened containers as an alternative way to determine their physical contents.
- Compilation of AK documentation into an auditable record.

C-0b AK Sufficiency Determination

CCP may submit a request to the Permittees for an AK Sufficiency Determination (Determination Request) to be exempt from the requirement to perform radiography or VE based on AK(T5). The contents of the Determination Request are specified in Section C4-3d.

The Permittees shall evaluate the Determination Request for completeness and technical adequacy. This evaluation shall include, but not be limited to whether the Determination Request is technically sufficient for the following:

[1]"Auditable records" means those records which allow the Permittees to conduct a systematic assessment, analysis, and evaluation of the Permittees' compliance with the WAP and the Permit.

- The Determination Request must include all information specified in Section C4-3d.
- The AK Summary must identify relevant hazardous constituents, and must correctly identify all toxicity characteristic and listed hazardous waste numbers.
- All hazardous waste number assignments must be substantiated by supporting data and, if not, whether this lack of substantiation comprises the interpretation.
- Resolution of data discrepancies between different AK sources must be technically correct and documented.
- The AK Summary must include all the identification of waste material parameter weights by percentage of the material in the waste stream, and determinations must be technically correct and substantiated by supporting information.
- All prohibited items specified in the TSDF-WAC should be addressed and conclusions drawn and must be substantiated by supporting information.
- If the AK record includes process control information specified in Section C4-3b, the information should include procedures, waste manifests, or other documentation demonstrating that the controls were adequate and sufficient.
- The site must provide the supporting information necessary to substantiate technical conclusions with the Determination Request, and this information must be correctly interpreted.

The Permittees will review the Determination Request for technical adequacy and compliance with the requirements of the Permit, using trained and qualified individuals in accordance with standard operating procedures that shall, at a minimum, address all of the technical and procedural requirements listed above. The Permittees shall resolve comments with the CCP.

If DOE determines that the AK is sufficient, it shall inform the public of the Determination Request, the Permittees' evaluation of it, and the date and time of a public meeting to provide information to and solicit comments from interested members of the public regarding the Determination Request. Notice of the meeting and comment period shall be provided by the following methods:

1. Written notice to all individuals on the facility mailing list;
2. Public notice in area newspapers, including the Carlsbad Current-Argus, Albuquerque Journal, and Santa Fe New Mexican;

3. Notice on the WIPP Home Page;

4. E-mail notification as specified In Permit Section 1.11.

DOE shall take written comment on the Determination Request for at least 30 days following the public meeting. DOE shall compile all such comments, including any disagreement between the DOE and commenters.

If DOE provisionally approves the Determination Request, it may forward it along with all relevant information submitted with the Determination Request to NMED for an evaluation that the provisional approval made by the DOE is adequate. DOE shall also provide to NMED, as a separate appendix to the Determination Request, the compilation of all comments and DOE's response to each comment. After submitting a Determination Request to NMED, the Permittees will post a link to the transmittal letter to NMED on the WIPP Home Page and inform those on the e-mail notification list as specified in Permit Section 1.11. Based on the results of NMED's evaluation, the Permittees will notify the CCP whether the AK information is sufficient and the Determination Request is approved. The DOE will not approve a Determination Request that NMED has determined to be inadequate unless the CCP resolves the inadequacies and provides the resolution to NMED for evaluation of adequacy. Should the inadequacies not be resolved to NMED's satisfaction, the DOE shall not submit a Determination Request for the same waste stream at a later date. DOE shall not submit a Determination Request, if a previous Determination Request is pending evaluation by NMED.

In the event the DOE disagrees, in whole or in part, with an evaluation performed by NMED resulting in a determination by NMED that the DOE's provisional approval for a particular waste stream is inadequate, the DOE may seek dispute resolution. The dispute resolution process is specified in Part 1. The Secretary's final decision under Permit Section 1.16.4 shall constitute a final agency action.

By July 1 of each year, the Permittees shall submit to NMED a list of waste streams the Permittees may submit for an AK Sufficiency Determination during the upcoming federal fiscal year. The Permittees will post a link to the transmittal letter to NMED and announce a public meeting to discuss the list with interested members of the public on the WIPP Home Page and inform those on the e-mail notification list as specified in Permit Section 1.11.

If the CCP does not submit a Determination Request, or if the DOE does not approve a Determination Request, or if NMED finds that the DOE's provisional approval of a Determination Request is inadequate, the CCP shall perform radiography or VE on 100 percent of the containers in a waste stream.

If the CCP submits a Determination Request, the DOE provisionally approves the Determination Request and NMED finds that the DOE's provisional approval is adequate, neither radiography nor VE of the waste stream is required.

C-0c Waste Stream Profile Form Completion

After a complete AK record has been compiled and either a Determination Request has been approved by the DOE or the CCP has completed the applicable representative testing requirements specified in Section C1, the CCP will complete a WSPF and Characterization Information Summary (CIS) (T2). The requirements for the completion of a WSPF and a CIS are specified in Sections C3-6b(1) and C3-6b(2) respectively.

The WSPF and the CIS for the waste stream resulting from waste characterization activities are transmitted to the Permittees, who shall review them for completeness, and screen them for acceptance before the CCP proceeds with payload assembly of TRU waste into the CH or RH Packaging. The review and approval process will ensure that the submitted waste analysis information is sufficient to meet the DQOs for AK in Section C-4a(1) and allow the Permittees to demonstrate compliance with the requirements of the WIPP-WAP. Only TRU waste that meets the characterization requirements of the WAP is certified by the CCP. Only waste certified to meet the TSDF-WAC, specified in the WAP, is accepted at the WIPP facility for disposal in the permitted Underground Hazardous Waste Disposal Unit (HWDU). DOE will approve and provide NMED with copies of the approved WSPF and accompanying CIS prior to waste stream shipment. Upon notification of DOE's approval of the WSPF, the CCP may be authorized to ship waste to WIPP.

In the event that the Permittees request detailed information on a waste stream, the CCP provides a Waste Stream Characterization Package, as described in Section C3-6b(3). For each waste stream, this package will include the WSPF, the CIS, and the AK summary. The Waste Stream Characterization Package will also include specific Batch Data Reports (BDRs), and raw data associated with waste container characterization as requested by the Permittees.

C-0d Waste Confirmation

The Permittees will perform waste confirmation on a representative subpopulation of each waste stream shipment after certification and prior to shipment pursuant to Section C7. The Permittees will use radiography, review of radiography audio/video recordings, VE, or review of VE records (e.g., VE data sheets or packaging logs) to examine at least 7 percent of each waste stream shipment to confirm that the waste does not contain ignitable, corrosive, or reactive waste. Waste confirmation will be performed by the Permittees prior to shipment of the waste from the generator/storage site to WIPP.

C-1 Identification of TRU Waste to be Managed at the WIPP Facility

C-1a Waste Stream Identification

TRU waste destined for disposal at WIPP is characterized on a waste stream basis. The waste streams are delineated using AK. Required AK is specified in Section C-3a and Section C-4 of this QAPjP.

C-1b Waste Summary Category Groups and Hazardous Waste Accepted at the WIPP Facility

Once a waste stream is delineated, a waste matrix code is assigned to the waste stream based on its physical form. Waste streams are then assigned to one of the Summary Category Groups; S3000-Homogeneous Solids, S4000-Soils/Gravel, and S5000-Debris Wastes. These Summary Category Groups are then used to determine further characterization requirements.

The CCP considers only those TRU waste streams that are assigned EPA hazardous waste numbers listed in Table C-5. Waste identified by unique state hazardous waste numbers is acceptable at WIPP provided they meet the requirements of the TSDF-WAC. The CCP performs characterization of all waste streams as required by the WAP. If during the characterization process, new hazardous waste numbers are identified, those wastes are prohibited for disposal at the WIPP facility until a permit modification has been submitted and approved by NMED.

C-1c Waste Prohibited at the WIPP Facility

The following TRU wastes are prohibited for disposal at the WIPP facility:

- Liquid waste is not acceptable at WIPP. Liquid in the quantities delineated below is acceptable.
  - Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination
  - Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited
  - Containers with hazardous waste number U134 assigned shall have no observable liquid
  - Overpacking the outermost container that was examined during radiography or VE or redistributing untreated liquid within the container shall not be used to meet the volume limits

- Non-radionuclide pyrophoric materials, such as elemental potassium.
- Hazardous wastes not occurring as co-contaminants with TRU waste (non-mixed hazardous waste).
- Wastes incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
- Wastes containing explosives or compressed gases.
- Wastes with polychlorinated biphenyls (PCBs) not authorized under an EPA PCB waste disposal authorization.
- Wastes exhibiting the characteristic of ignitability, corrosivity, or reactivity (Hazardous Waste Numbers D001, D002, or D003).
- Any waste container from a waste stream (or waste stream lot) that has not undergone either radiographic or VE of a statistically representative subpopulation of the waste stream in each shipment, pursuant to Section C7.
- Any waste container from a waste stream which has not been preceded by an appropriate, certified WSPF (see Section C-1d).
- Waste that has ever been managed as high-level waste and waste from tanks specified in Table C-4, Waste Tanks Subject to Exclusion, unless specifically approved through a Class 3 permit modification.

Before accepting a container holding TRU waste, the Permittees will perform waste confirmation activities pursuant to Section C7 on each waste stream shipped to confirm that the waste does not contain ignitable, corrosive, or reactive waste and the assigned EPA hazardous waste numbers are allowed for storage and disposal by this QAPjP. Waste confirmation activities will be performed on at least 7 percent of each waste stream shipment. If a waste stream shipment contains fewer than 14 containers, one container will be examined to satisfy waste confirmation requirements. Section C-4 and Section C7 include descriptions of the waste confirmation processes that the Permittees will conduct prior to receiving a shipment at the WIPP facility.

Containers are vented through filters allowing any gases that are generated by radiolytic and microbial processes within a waste container to escape, thereby preventing over pressurization or development of conditions within the container that would lead to the formation of ignitable, corrosive, reactive, or other characteristic wastes. To ensure the integrity of the WIPP facility, waste streams identified to contain incompatible materials or materials incompatible with waste containers are not shipped to WIPP unless they are treated to remove the incompatibility. The CCP does not certify waste streams

identified to contain incompatible materials or materials incompatible with waste containers or backfill.

C-1d Control of Waste Acceptance

The CCP will provide a WSPF and CIS to the Permittee for each waste stream prior to shipment of the waste (T2). The WSPF and CIS elements are found in Section C3-6b(1) and Section C3-6b(2). The CCP will provide the WSPF to the Permittees for each waste stream prior to its acceptance for disposal at WIPP. The WSPF and the CIS will be transmitted to the Permittees for each waste stream. After WSPF submittal, if continued waste characterization activities reveal discrepancies that identify different hazardous waste numbers or indicate that the waste belongs to a different waste stream, the waste is redefined to a separate waste stream and a new WSPF is submitted.

The Permittees are responsible for the review of the WSPF and CISs to verify compliance with the restrictions on TRU wastes for WIPP disposal. Waste characterization data ensures the absence of prohibited items specified in Section C-1c. CCP determines by procedure the specific circumstances under which a WSPF is to be revised versus when a new WSPF is required.

The CCP provides a Waste Stream Characterization Package (as described in Section C3-6b(3)) to the Permittees upon request. The option for the Permittees to request additional information ensures that the waste being offered for disposal is adequately characterized and accurately described on the WSPF.

C-1e Waste Generating Processes at the WIPP Facility

Not applicable. This section applies to the Permittee.

C-2 Waste Characterization Program Requirements and Waste Characterization Parameters

The CCP has developed the procedures which specify the programmatic waste characterization requirements (Q10). DOE will evaluate the procedures during audits and as part of the review and approve of the WSPF.

CCP must notify the Permittees and obtain DOE approval prior to making data-affecting modifications to procedures (Q10). Program procedures shall address the following minimum elements:

- Waste characterization and certification procedures for retrievably stored and newly generated wastes to be sent to the WIPP facility.

- Methods used to ensure prohibited items are documented and managed. These will include procedures for performing radiography, VE, or treatment, if these methods are used to ensure prohibited items are not present in the waste prior to shipment of the waste to WIPP.

- Identify the organization(s) responsible for compliance with waste characterization and certification procedures.

- Identify the oversight procedures and frequency of actions to verify compliance with waste characterization and certification procedures.

- Develop training specific to waste characterization and certification procedures.

- Ensure that personnel may stop work if noncompliance with waste characterization or certification procedures is identified.

- Develop a nonconformance process that complies with the requirements in Section C3 to document and establish corrective actions.

- As part of the corrective action process, assess the potential time frame of the noncompliance, the potentially affected waste population(s), and the reassessment and recertification of those wastes.

- A listing of all approved hazardous waste numbers which are acceptable at WIPP are included in Table C-5.

For those waste streams or containers that are not amenable to radiography (e.g., RH TRU waste, direct loaded ten-drum overpacks [TDOPs]) for waste confirmation by the Permittees pursuant to Section C7, CCP VE data may be used for waste acceptance. In those cases, the Permittees will review the CCP VE procedures to ensure that data sufficient for the Permittees' waste acceptance activities pursuant to Section C7 will be obtained and the procedures meet the minimum requirements for VE specified in Section C1-1.

The following waste characterization parameters are obtained from the CCP prior to waste certification:

- Determination whether TRU waste streams comply with the applicable provisions of the TSDF-WAC.

- Determination whether TRU mixed wastes exhibit a hazardous characteristic (20.4.1.200 NMAC, incorporating 40 CFR §261 Subpart C).

- Determination whether TRU mixed wastes are listed (20.4.1.200 NMAC, incorporating 40 CFR §261 Subpart D).

- Estimation of waste material parameter weights.

Table C-1, Summary of Parameters, Characteristic Methods, and Rationale for Transuranic Mixed Waste, provides the parameters of interest for the constituent groupings and testing methodologies.

C-3 Generator Waste Characterization Methods

The characterization techniques used by the CCP include AK and may also include, as necessary, VE, and radiography. Characterization activities are performed in accordance with this QAPjP. Table C-1, Summary of Parameters, Characterization Methods, and Rationale for Transuranic Mixed Waste, provides a summary of the characterization requirements for TRU waste.

C-3a Acceptable Knowledge

AK is used in TRU waste characterization activities in five ways:

- To delineate TRU waste streams

- To assess whether TRU mixed wastes comply with the TSDF-WAC

- To assess whether TRU wastes exhibit a hazardous characteristic (New Mexico Hazardous Waste Management Regulations in 20.4.1.200 NMAC incorporating 40 CFR §261 Subpart C)

- To assess whether TRU wastes are listed (20.4.1.200 NMAC, incorporating 40 CFR §261 Subpart D)

- To estimate waste material parameter weights

AK is discussed in detail in Section C4, which outlines the minimum set of requirements and DQOs met by the CCP in order to use AK.

C-3b Radiography and Visual Examination

Radiography and VE are nondestructive qualitative and quantitative techniques used to identify and verify waste container contents as specified in Section C1. The CCP performs radiography or VE of 100 percent of CH-TRU waste containers in waste streams except for those waste streams for which the DOE approves a Determination Request. No RH-TRU waste will be shipped to WIPP for storage or disposal without

documentation of radiography or VE of 100 percent of the containers as specified in Section C1. VE consists of either observing the filling of waste containers or opening full containers and physically examining their contents. Radiography and/or VE are used, when necessary, to examine a waste container to verify the physical form of the waste matches its waste stream description as determined by AK. These techniques detect observable liquid in excess of TSDF-WAC limits and containerized gases which are prohibited for WIPP disposal. The prohibition of liquid in excess of TSDF-WAC limits and containerized gases prevents the shipment of corrosive, ignitable, or reactive wastes. Radiography and/or VE are also able to verify the physical form of the waste matches its waste stream description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals]).

If the physical form does not match the waste stream description, the waste is designated as another waste stream and assigned the preliminary hazardous waste numbers associated with that new waste stream assignment. That is, if radiography and/or VE indicate that the waste does not match the waste stream description produced by AK characterization, a nonconformance report (NCR) is completed and the inconsistency resolved as specified in Section C4 (Q5), and the NCR will be dispositioned as specified in Section C3-7. The proper waste stream assignment is determined (including preparation of a new WSPF), the correct hazardous waste numbers are assigned, and the resolution is documented. The AK verification process is discussed in Section C4.

If CCP uses VE, the detection of any liquid in non-transparent internal containers, detected from shaking the internal container, is handled by assuming that the internal container is filled with liquid and adding this volume to the total liquid in the container being characterized using VE. The container being characterized using VE is then repackaged or rejected to exclude the internal container if it does not meet the requirements of the TSDF-WAC. When radiography is used or VE of transparent containers is performed, if any liquid in internal containers is detected, the volume of liquid is added to the total for the container being characterized using radiography or VE. Radiography, or the equivalent, is used as necessary on the existing or stored waste containers to verify the physical characteristics of the TRU waste corresponding with its waste stream identification and waste matrix code and to identify prohibited items. Radiographic examination protocols and QA/QC methods are provided in Section C1. Radiography and VE shall be subject to the Audit and Surveillance Program.

C-4 Data Verification and Quality Assurance

The CCP ensures that its applicable waste characterization process performance for generator/storage sites sending TRU waste to the WIPP for disposal meets WAP requirements through data validation, verification, usability and reporting controls. Verification occurs at three levels: 1) the CCP data generation level, 2) the CCP project

level, which consists of verification and validation by the CCP to ensure that applicable WAP requirements are met and; 3) the Permittee level. The validation and verification process and requirements at each level are described in Section C3-4. The validation verification process at the Permittee Level is also described in C-5.

C-4a Data Generation and Project Level Verification Requirements

C-4a(1) Data Quality Objectives

The waste characterization data obtained through implementation of this QAPjP are used by the Permittees to ensure that the regulatory requirements of the WAP are met with regard to compliance and to ensure that TRU wastes are properly managed during the disposal phase.

To satisfy the RCRA regulatory compliance requirements, the following are DQOs established by the WAP and flowed down to this QAPjP (T2):

Acceptable Knowledge

- To delineate TRU waste streams.
- To assess whether TRU mixed wastes comply with the applicable requirements of the TSDF-WAC.
- To assess whether TRU mixed wastes exhibit a hazardous characteristic (20.4.1.200 NMAC, incorporating 40 CFR §261, Subpart C).
- To assess whether TRU mixed wastes are listed (20.4.1.200 NMAC, incorporating 40 CFR §261, Subpart D).
- To estimate waste material parameter weights.

Radiography and VE

- Verify the TRU mixed waste streams contain no prohibited items and to verify the physical form of the waste matches the waste stream description as to be determined by AK.

Reconciliation of these DQOs by the SPM as applicable, is addressed in Section C3-11. Reconciliation requires determining whether sufficient types, quality, and quantity of data have been collected to ensure that the DQOs cited above can be achieved.

C-4a(2) Quality Assurance Objectives

The CCP shall demonstrate compliance with each Quality Assurance Objective (QAO) associated with the characterization methods in Section C3. The SPM performs reconciliation of the data with the DQOs established in this QAPjP. The SPM concludes that all of the DQOs have been met for the characterization of the waste stream prior to submitting a WSPF to the DOE for approval (T2).

The following QAO elements are considered for each technique, as a minimum:

- Precision - a measure of the mutual agreement among multiple measurements
- Accuracy - the degree of agreement between a measurement result and the true or known value
- Completeness - a measure of the amount of valid data obtained from a method compared to the total amount of data obtained (expressed as a percentage)
- Comparability - the degree to which one data set can be compared to another
- Representativeness - the degree to which sample data represent characteristics of a population

A more detailed discussion of the QAOs can be found in Section C3, which describes the QAOs associated with each test method.

C-4a(3) Data Generation

BDRs, in a format approved by the DOE, are used by CCP for reporting waste characterization data. The CCP formats for reporting waste characterization data in BDRs are specified in several procedures. These procedures comply with the waste characterization data reporting requirements described in Section C3.

C-4a(4) Data Verification

BDRs document the testing, and on-line results from required characterization activities, and required QA/QC activities. Data validation, review, and verification are performed at the data generation level and the CCP project level before the required data are transmitted to the Permittees (T1). Section C3 discusses the data validation process in greater detail. NMED may request, through the Permittees, copies of any BDR and/or the raw data validated by the CCP to check the DOE's audit of the validation and verification process.

C-4a(5) Data Transmittal

As part of the waste characterization data submittal, the CCP transmits the data electronically to the Permittees via the WIPP Waste Information System (WWIS)/Waste Data System (WDS) (T30, T530). Data will be entered into the WWIS/WDS in the exact format required by the data base as specified in Section C-5a(1) for WWIS/WDS reporting requirements and the *Waste Data System User's Manual* (DOE 2009) for the WWIS/WDS data fields and format requirements. BDRs include the information required by Section C3-4 and are transmitted by hard copy or electronically (provided a hard copy is available on demand) from the data generation level to the CCP project level.

Once a waste stream is fully characterized the SPM submits a WSPF, accompanied by a CIS for that waste stream to the Permittees, which includes a record of reconciliation with DQOs as described in Sections C3-6b(1) and C3-6b(2).

The WSPF, the CIS, and information from the WWIS/WDS is used as the basis for acceptance of waste characterization information on TRU wastes to be disposed of at WIPP.

C-4a(6) Records Management

Records related to waste characterization activities performed by the generator/storage sites will be maintained in the testing facility files or generator/storage site project files or at the WIPP Records Archive facility. Raw data obtained by testing TRU mixed waste in support of the WAP will be identifiable, legible, and provide documentary evidence of quality. TRU mixed waste characterization records submitted to the Permittees shall be maintained in the WIPP facility operating record and be available for inspection by NMED. A detailed description of CCP site-specific records management activities is provided in Section C7.

Records inventory and disposition schedule (RIDS) or an equivalent system shall be prepared and approved by CCP. All records relevant to an enforcement action under this Permit, regardless of disposition, shall be maintained in CCP Records at the generator/storage site or at the WIPP Records Archive facility until NMED determines they are no longer needed for enforcement action, and then dispositioned as specified in the approved RIDS. All waste characterization data and related QA/QC records for TRU mixed waste to be shipped to the WIPP facility are designated as either Lifetime Records or Non-Permanent Records. Records that are designated as Lifetime Records shall be maintained for the life of the waste characterization program by CCP Records or generator/storage sites plus six years or transferred for permanent archival storage to the WIPP Records Archive facility.

Waste characterization records include characterization records (i.e., headspace gas sampling and homogeneous solids and soil/gravel sampling/analysis) generated through implementation of previous requirements in this WAP. Those waste characterization records designated as Non-Permanent Records shall be maintained for 10 years from the date of (record) generation by CCP Records or at the participating generator/storage site or at the WIPP Records Archive facility and then dispositioned according to their approved RIDS. If a generator/storage site ceases to operate, all records shall be transferred before closeout to the Permittees for management at the WIPP Records Archive facility. Table C-2, Required Program Records, is a listing of records designated as Lifetime Records and Non-Permanent Records.

Classified information will not be transferred to WIPP. Notations will be provided to the Permittees indicating the absence of classified information. The approved CCP RIDS will identify the appropriate disposition of classified information. Nothing in the WIPP Permit is intended to, nor should it be interpreted to, require disclosure of any DOE classified information to persons without appropriate clearance to view such information.

C-5 Permittee Level Waste Screening and Verification of TRU Mixed Waste

This section is not applicable to CCP. This section applies to the Permittees.

C-5a Phase I Waste Stream Screening and Verification

The first phase of the waste screening and verification process occurs before TRU waste is shipped to the WIPP facility. Before the Permittees begin the process of accepting TRU waste from the CCP, an initial audit is conducted as part of the Audit and Surveillance Program. The audit of CCP provides verification of characterization procedures; BDR preparation; and recordkeeping that ensures that all applicable provisions of the WAP requirements are met. Another portion of the Phase I verification is the WSPF approval process. At the WIPP facility, this process includes verification that all of the required elements of a WSPF and CIS are present and that the summarized waste characterization information meets acceptance criteria required for compliance with the WAP (Section C3-6b(1)).

The CCP has prepared this QAPjP, which includes applicable WAP requirements. This document is submitted to DOE for review and approval. The CCP implements the specific parameters of this QAPjP after Permittee approval. An initial audit is performed after QAPjP implementation and prior to the CCP being certified for shipment of waste to WIPP. Additional audits, focusing on the results of waste characterization, are performed at least annually. The DOE has the right to conduct unannounced audits and to examine any records that are related to the scope of the audit. See Section C-5a(3) for further information regarding audits.

When the required waste stream characterization data have been collected by the CCP and the initial audit is successfully completed, the SPM will verify that the waste stream characterization meets the applicable WAP requirements as part of the project level verification (T2). If the waste characterization does not meet the applicable requirements of the WAP, the waste stream cannot be managed, stored, or disposed of at the WIPP until those requirements are met. The SPM will then complete the WSPF and submit it to the Permittees, along with the accompanying CIS for that waste stream. All data necessary to check the accuracy of the WSPF is transmitted to the Permittees. This provides notification that the CCP considers that the waste stream (identified by the waste stream identification number) has been adequately characterized for disposal prior to shipment to WIPP. The Permittees then compare radiography and VE data obtained subsequent to submittal and approval of the WSPF (and prior to submittal) with characterization information presented on this form. If the Permittees determine (through the data comparison) that the characterization information is adequate, DOE will approve the WSPF. Prior to the first shipment of containers from the approved waste stream, the approved WSPF and accompanying CIS is provided to NMED. If the data comparison indicates that analyzed containers have hazardous wastes not present on the WSPF, or a different waste matrix code applies, the WSPF is in error and is resubmitted. Ongoing WSPF examination is discussed in detail in Section C-5a(2).

Audits of CCP will be conducted as part of the Audit and Surveillance Program. The RCRA portion of the CCP audit program will provide on-site verification of waste characterization procedures; BDR preparation; and record keeping to ensure that all applicable provisions of the WAP requirements are met. As part of the waste characterization data submittal, the CCP also transmits the data on a container basis via the WWIS/WDS prior to shipment of that container. This data submittal occurs at any time as the data are being collected, but is complete for each container prior to shipment of that container. The WWIS/WDS conducts internal edit/limit checks based on the approved WSPF. The Permittees compare ongoing characterization data obtained and submitted via the WWIS/WDS to the approved WSPF. If this comparison shows that containers have hazardous wastes not reported on the WSPF, or a different waste matrix code applies, the data are rejected and the waste containers are not accepted for shipment until a new or revised WSPF is submitted to Permittees' and approved by the DOE.

If discrepancies regarding hazardous waste number assignment or Waste Matrix Code designation arise as a result of the Phase I review, the CCP is contacted by the Permittees and provides the necessary additional information to resolve the discrepancy before that waste stream is approved for disposal at the WIPP facility. If the discrepancy is not resolved, the waste stream is not approved for shipment.

C-5a(1) WWIS/WDS Description

The CCP supplies the required data to the Permittees via the WWIS/WDS (T30, T530). The WWIS/WDS Data Dictionary includes all of the data fields, the field format and the limits associated with the data as established by the WIPP WAP. These data will be subjected to edit and limit checks that are performed automatically by the database, as defined in the *Waste Data System User's Manual* DOE/WIPP-09-3427(DOE, 2009). The Permittees will coordinate the data transmission with CCP. Actual data transmission will use appropriate technology to ensure the integrity of the data transmissions. The Permittees will require sites with large waste inventories and large databases to populate a data structure provided by the Permittees that contains the required data dictionary fields that are appropriate for the waste stream (or waste streams) at the site. The Permittees will access these data via the Internet to ensure an efficient transfer of this data. Small quantity sites will be given a similar data structure by the Permittees that is tailored to their types of waste. Sites with very small quantities of waste will be provided with the ability to assemble the data interactively to this data structure on the WWIS/WDS.

The Permittees will use the WWIS/WDS to verify that all of the supplied data meet the applicable edit and limit checks prior to the shipment of any TRU waste to WIPP. The WWIS/WDS automatically notifies the CCP if any of the supplied data fails to meet the requirements of the edit and limit checks via an appropriate error message. The CCP corrects the discrepancy with the waste or the waste data and re-transmits the corrected data prior to acceptance of the data by the WWIS/WDS. The Permittees review data reported for each container of each shipment prior to providing notification to the CCP that the shipment is acceptable.

Access to the WWIS/WDS is controlled by the Permittees' Data Administrator (DA) who controls the WWIS/WDS users based on approval from management personnel.

The CCP only has access to CCP data supplied to WWIS/WDS, and only until the data have been formally accepted by the Permittees. After the data have been accepted, the data are protected from indiscriminate change and only changed by an authorized DA.

C-5a(2) Examination of the Waste Stream Profile Form and Container Data Checks

The Permittees verify the completeness and accuracy of the WSPF (Section C3-6b(1)). The assignment of the waste stream description, waste matrix code group, and Summary Category Groups; the AK summary documentation; the methods used for characterization; the DOE certification, and appropriate designation of hazardous waste number(s) are examined by the Permittees. If the WSPF is inaccurate, efforts are made to resolve discrepancies by contacting the CCP in order for the waste stream to be eligible for shipment to the WIPP facility. If discrepancies in the

waste stream are detected, the CCP implements a non-conformance action to identify, document, and report discrepancies.

The WSPF shall pass all verification checks by the Permittees in order for the waste stream to be approved by DOE for shipment to the WIPP facility. The WSPF check against waste container data will occur during the initial WSPF process (Section C-5a). Waste data transferred via the WWIS/WDS after WSPF approval is compared with the approved WSPF. Any container from an approved hazardous waste stream with a description different from its WSPF is not shipped to the WIPP for disposal.
The CCP verifies that the three different types of data specified below are available for every container holding TRU waste before that waste is managed, stored, or disposed at WIPP: 1) an assignment of the waste stream's waste description (by waste matrix codes) and waste matrix code group; 2) a determination of ignitability, reactivity, and corrosivity; and 3) a determination of compatibility. The CIS indicates if the waste was checked for the characteristics of ignitability, corrosivity, and reactivity.

Any container with unresolved discrepancies associated with hazardous waste characterization will not be managed, stored, or disposed at the WIPP facility until the discrepancies are resolved. If discrepancies cannot be resolved, the DOE will revoke the approval status of the waste stream and CCP will suspend shipments of the waste stream. Waste stream approval will not be reinstated until the CCP demonstrates all corrective actions have been implemented and the CCP waste characterization program is reassessed by the DOE.

C-5a(3) Audit and Surveillance Program

This section is not applicable to the CCP. It applies to the Permittees.

C-5b Phase II Waste Shipment Screening and Verification

For each container shipped, the CCP provides the following information (T86):

Hazardous Waste Manifest Information:

- Generator/storage site name and EPA Identification Number
- CCP contact name and phone number
- Quantity of waste
- List of up to six state and/or federal hazardous waste numbers in each line item

- Listing of all shipping container identification numbers (IDs) (Shipping Package serial number)

- Signature of authorized generator representative

Specific Waste Container information:

- Waste Stream Identification Number
- List of hazardous Waste Numbers per Container
- Certification Data
- Shipping Data (assembly numbers, ship date, shipping category, etc.)

This information is also supplied electronically to the WWIS/WDS. The container-specific information will be supplied electronically as described in Section C-5a(1), and is supplied prior to shipment.

C-5b(1) Examination of the EPA Uniform Hazardous Waste Manifest and Associated Waste Tracking Information

Manifest discrepancies will be identified during manifest examination and container bar-code WWIS/WDS data comparison. A manifest discrepancy is a difference between the quantity or type of hazardous waste designated on the manifest and the quantity or type of hazardous waste the WIPP facility actually receives. The CCP technical contact (as listed on the manifest) is contacted to resolve the discrepancy. Errors on the manifest are corrected by the WIPP facility with a verbal (followed by a mandatory written) concurrence by the CCP technical contact. If the manifest discrepancies are not resolved in thirty (30) days of waste receipt, the shipment is returned to the facility where the CCP performed the characterization.

C-5b(2) Examination of the Land Disposal Restriction Notice

TRU waste designated by the Secretary of Energy for disposal at WIPP is exempt from the Land Disposal Restrictions (LDRs) by the WIPP Land Withdrawal Act Amendment (Public Law 104-201). This amendment states that WIPP “Waste is exempted from treatment standards promulgated pursuant to section 3004(m) of the Solid Waste Disposal Act (42 U.S.C. 6924[m]) and shall not be subjected to the Land Disposal prohibitions in section 3004(d), (e), (f), and (g) of the Solid Waste Disposal Act.”

Therefore, with the initial shipment of a TRU waste stream, the CCP provides the Permittees with a onetime written notice. The notice includes the information listed below:

Land Disposal Restriction Notice Information:

- EPA hazardous waste numbers and Manifest Numbers of first shipment of a mixed waste stream
- Statement: this waste is not prohibited from land disposal
- Date the waste is subject to prohibition

This information is the applicable information taken from column "268.7(a)(4)" of the "Generator Paperwork Requirements Table" in 20.4.1.800 NMAC (incorporating 40 CFR §268.7(a)(4)). Note that item "5" from the "Generator Paperwork Requirements Table" is not applicable since waste analysis data are provided electronically via the WWIS/WDS and item "7" is not applicable since waste designated by the Secretary of Energy for disposal at WIPP is exempted from the treatment standards.

The Permittees review the LDR notice for accuracy and completeness. The CCP prepares this notice in accordance with the applicable requirements of 20.4.1.800N MAC (incorporating 40 CFR §268.7(a)(4)).

C-5b(3) Verification

This section is not applicable to CCP. This section applies to the Permittees.

C-6 Permittees' Waste Shipment Screening QA/QC

This section is not applicable to CCP. This section applies to the Permittees.

C-7 Records Management and Reporting

All waste characterization data for each TRU waste container transmitted to WIPP shall be maintained by the Permittees for the active life of the WIPP facility plus two years (Q8). The active life of the WIPP facility is defined as the period from the initial receipt of TRU waste at the facility until NMED receives certification of final closure of the facility. After their active life, the records shall be retired to the WIPP Records Archive facility and maintained for 30 years. These records will then be offered to the National Archives. However, this disposition requirement does not preclude the inclusion of these records in the permanent marker system or other requirements for institutional control.

Waste characterization and waste confirmation data and documents related to waste characterization that are part of the WIPP facility operating record are managed in accordance with the following guidelines:

C-7a General Requirements

- Records shall be legible
- Corrections shall be made with a single line through the incorrect information, and the date and initial of the person making the correction shall be added
- Black ink is encouraged, unless a copy test has been conducted to ensure the other color ink will copy
- Use of highlighters on records is discouraged
- Records shall be reviewed for completeness
- Records shall be validated by the cognizant manager or designee

C-7b Records Storage

- Active records shall be stored when not in use
- Quality records shall be kept in a one-hour (certified) fire-rated container or a copy of a record shall be stored separately (sufficiently remote from the original) in order to prevent destruction of both copies as a result of a single event such as fire or natural disaster
- Unauthorized access to the records is controlled by locking the storage container or controlling personnel access to the storage area

C-8 Reporting

This section is not applicable to CCP. This section applies to the Permittees.

Table C-1. Summary of Parameters, Characterization Methods, and Rationale for Transuranic Mixed Waste

Waste Matrix Code Summary Categories	Waste Matrix Code Groups	Characterization Parameter	Method	Rationale
S3000-Homogeneous Solids	• Solidified inorganics • Salt waste • Solidified organics	Physical waste form	Acceptable knowledge, radiography and/or visual examination	• Determine waste matrix • Demonstrate compliance with waste acceptance criteria (e.g., no liquid in excess of TSDF-WAC limits, no incompatible wastes, no compressed gases)
S4000-Soil/Gravel	• Contaminated soil/debris			
S5000-Debris Waste	• Uncategorized metal (metal waste other than lead/cadmium) • Lead/cadmium waste • Inorganic nonmetal waste • Combustible waste • Graphite waste • Heterogeneous debris waste • Composite filter waste	Hazardous constituents • Listed • Characteristic	Acceptable knowledge	• Determine assignment of EPA hazardous waste numbers

Table C-2. Required Program Records Maintained in Generator/Storage Site Project Files

Lifetime Records
• Field sampling data forms • Field and laboratory chain-of-custody forms • Test facility and laboratory batch data reports • Waste Stream Characterization Packages • Sampling plans • Data reduction, validation, and reporting documentation • AK documentation • WSPFs and CIS
Non-Permanent Records
• Nonconformance documentation • Variance documentation • Assessment documentation • Gas canister tags • Methods performance documentation • PDP documentation • Sampling equipment certifications • Calculations and related software documentation • Training/qualification records • QAPjPs documentation (all revisions) • Calibration documentation • Analytical raw data • Procurement records • QA and technical procedures (all revisions) • Audio/video recordings (radiography, VE)

Table C-3. WIPP Waste Information System Data Fields[a]

Characterization Module Data Fields [b]	
Container ID [c] Generator EPA ID Generator Address Generator Name Generator Contact Hazardous Code Layers of Packaging Liner Exists Liner Hole Size Filter Model Number of Filters Installed Item Description Code Haz. Manifest Number NDE Complete [e]	Transporter EPA ID Transporter Name Visual Exam Container [e] Waste Material Parameter [d] Waste Material Weight [d] Waste Matrix Code Waste Matrix Code Group Waste Stream Profile Number
Certification Module Data Fields	
Container ID [c] Container type Container Weight Contact Dose Rate Container Certification date Container Closure Date Handling Code	
Transportation Data Module	
Contact Handled Package Number Assembly Number[f] Container IDs [c,d] ICV Closure Date Ship Date Receive Date	
Disposal Module Data	
Container ID [c] Disposal Date Disposal Location	

[a] This is not a complete list of the WWIS/WDS data fields.
[b] Some of the fields required for characterization are also required for certification and/or transportation.
[c] Container ID is the main relational field in the WWIS/WDS Database.
[d] This is a multiple occurring field for each waste material parameter, nuclide, etc.
[e] These are logical fields requiring only a yes/no.
[f] Required for 7-Packs of 55-gallon drums, 4-packs of 85-gallon drums, or 3-packs of 100-gallon drums to tie all of the drums in that assembly together. This facilitates the identification of waste containers in a shipment without need to breakup the assembly.

Table C-4. Waste Tanks Subject to Exclusion

Hanford Site - 177 Tanks	
A-101 through A-106	C-201 through C-204
AN-101 through AN-107	S-101 through S-112
AP-101 through AP-108	SX-101 through SX-115
AW-101 through AW-106	SY-101 through SY-103
AX-101 through AX-104	T-101 through T-112
AY-101 through AY-102	T-201 through T-204
B-101 through B-112	TX-101 through TX-118
B-201 through B-204	TY-101 through TY-106
BX-101 through BX-112	U-101 through U-112
BY-101 through BY-112	U-201 through U-204
C-101 through C-112	
SRS - 51 Tanks	
Tank 1 through 51	
Idaho National Laboratory - 15 Tanks	
WM-103 through WM-106	WM-180 through 190

Table C-5. Listing of Permitted Hazardous Waste Numbers

EPA Hazardous Waste Numbers			
F001	D019	D043	U079
F002	D021	P015	U103
F003	D022	P030	U105
F004	D026	P098	U108
F005	D027	P099	U122
F006	D028	P106	U133*
F007	D029	P120	U134*
F009	D030	U002*	U151
D004	D032	U003*	U154*
D005	D033	U019*	U159*
D006	D034	U037	U196
D007	D035	U043	U209
D008	D036	U044	U210
D009	D037	U052	U220
D010	D038	U070	U226
D011	D039	U072	U228
D018	D040	U078	U239*

* Acceptance of U-numbered wastes listed for reactivity, ignitability, or corrosivity characteristics is contingent upon a demonstration that the wastes no longer exhibit the characteristic of reactivity, ignitability, or corrosivity.

Figure C-1. Waste Stream Profile Form (Example Only)

(1) Waste Stream Profile Number:								
(2) Generator site name:							(3) Generator site EPA ID:	
(4) Technical contact:							(5) Technical contact phone number:	
(6) Date of audit report approval by New Mexico Environment Department (NMED):								
(7) Title, version number, and date of documents used for WIPP-WAP Certification:								
(8) Did your facility generate this waste?	YES		NO					
(9) If no, provide the name and EPA ID of the original generator:								
Waste Stream Information[1]								
(10) WIPP ID:							(11) Summary Category Group:	
(12) Waste Matrix Code Group:							(13) Waste Stream Name:	
(14) Description from the ATWIR:								
(15) Defense TRU Waste:	YES		NO					
(16) Check One:	CH		RH					
(17) Number of SWBs (17a) Number of SLB2		(18) Number of Drums					(19) Number of Canisters	
(20) Batch Data Report numbers supporting this waste stream characterization:								
(21) List applicable EPA Hazardous Waste Numbers:[2]								
(22) Applicable TRUCON Content Numbers:								
(23)**Acceptable Knowledge Information[1]**								
(For the following, enter the supporting documentation used [i.e., references and dates])								
Required Program Information								
(23A) Map of site:								
(23B) Facility mission description:								
(23C) Description of operations that generate waste:								
(23D) Waste identification/categorization schemes:								
(23E) Types and quantities of waste generated:								
(23F) Correlation of waste streams generated from the same building and process, as applicable:								
(24) Waste certification procedures:								
(25)Required Waste Stream Information								
(25A) Area(s) and building(s) from which the waste stream was generated:								
(25B) Waste stream volume and time period of generation:								
(25C) Waste generating process description for each building:								
(25D) Waste Process flow diagrams:								
(25E) Material inputs or other information identifying chemical/radionuclide content and physical waste form:								
(25F) Waste Material Parameter Weight Estimates per unit of waste								
(26) Which Defense Activity generated the waste:								
	Weapons activities including defense inertial confinement fusion							Naval Reactors development
	Verification and control technology							Defense research and development
	Defense nuclear waste and material by products management							Defense nuclear material production
	Defense nuclear waste and materials security and safeguards and security investigations							

Figure C-1. Waste Stream Profile Form (Example Only) (continued)

(27)Supplemental Documentation:	
(27A) Process design documents:	
(27B) Standard operating procedures:	
(27C) Safety Analysis Reports:	
(27D) Waste packaging logs:	
(27E) Test plans/research project reports:	
(27F) Site databases:	
(27G) Information from site personnel:	
(27H) Standard industry documents:	
(27I) Previous analytical data:	
(27J) Material safety data sheets:	
(27K) Sampling and analysis data from comparable/surrogate Waste:	
(27L) Laboratory notebooks:	
Confirmation Information2	
For the following, when applicable, enter procedure title(s), number(s) and date(s)	
(28)	Radiography:
	Visual Examination:
(29) Comments: For a list of the waste characterization procedures used and date of respective procedures see the list of procedures on the attached CIS.	

Reviewed by AK Expert: **YES** ☐ **Date:** _____

Reviewed by STR (if necessary): **YES** ☐ **N/A** ☐ **Date:** _____

Waste Stream Profile Form Certification:

I hereby certify that I have reviewed the information in this Waste Stream Profile Form, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Site Project Manager	Printed Name	Date

Controlled
Copy

Figure C-2. Waste Characterization Process (Reprinted from the WAP, Figure C-2)

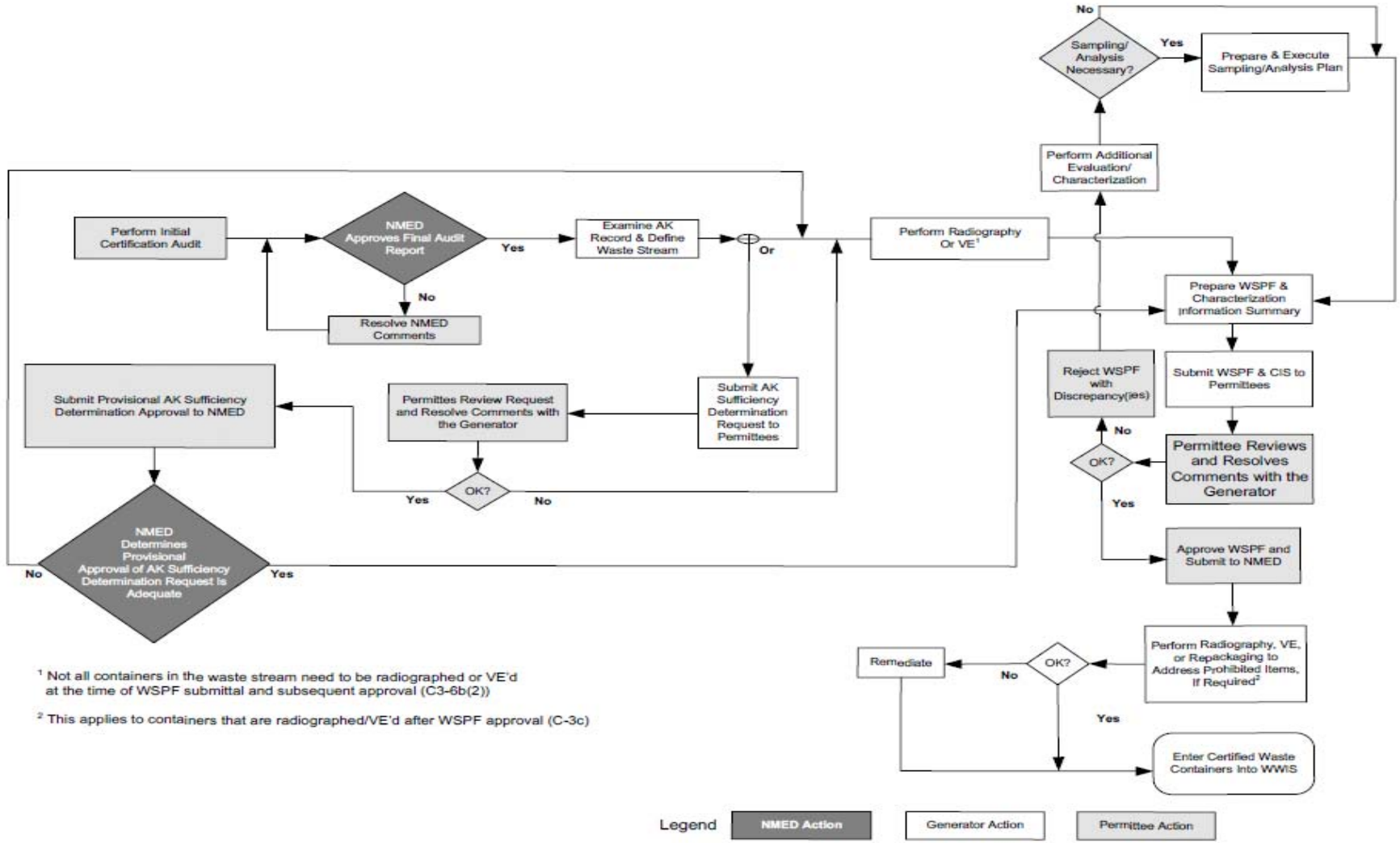


Figure C-3. TRU Mixed Waste Screening and Verification Flow Diagram

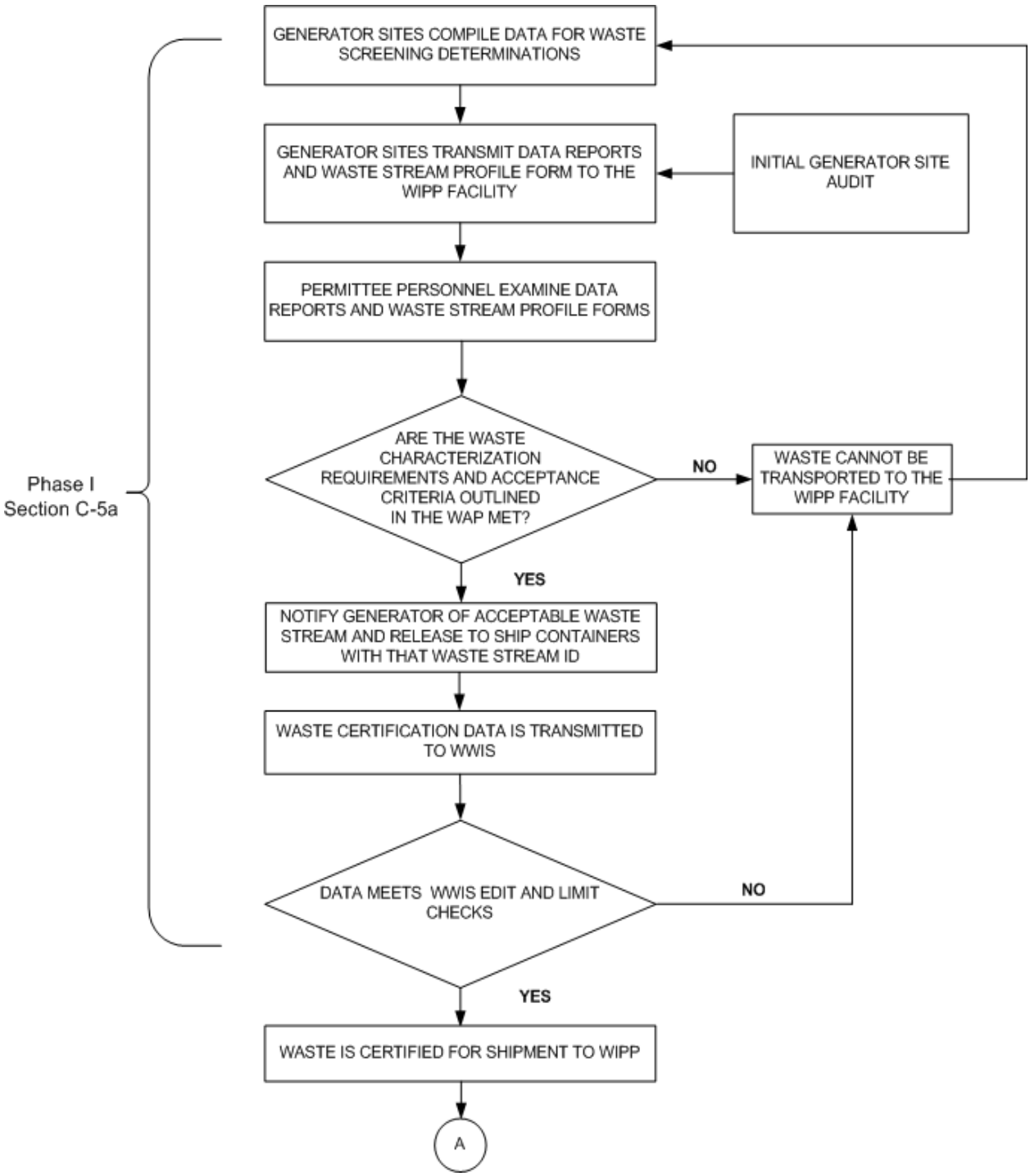
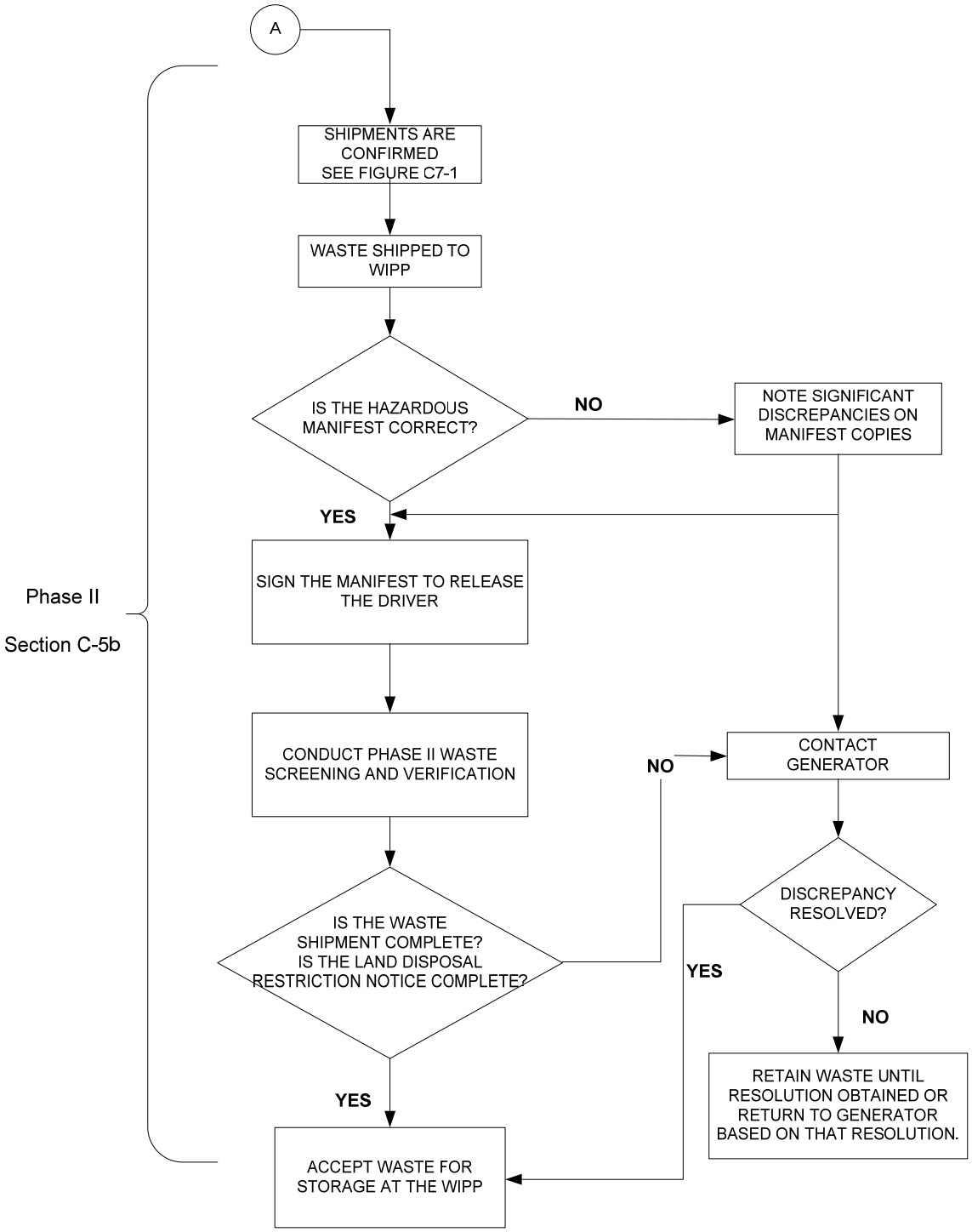


Figure C-3. TRU Mixed Waste Screening and Verification Flow Diagram (continued)



C1 WASTE CHARACTERIZATION TESTING METHODS

CCP characterizes TRU waste for shipment to WIPP by using the following methods, if applicable, for characterization of TRU waste. These methods include requirements for radiography or VE. This section describes these methods, QC requirements.

C1-1 Radiography

Radiography aids in the examination and identification of containerized waste. There is no equivalent EPA method. Personnel perform radiography in accordance with the procedures to meet the WAP requirements described in the following sections (T53, T508). Additionally, these procedures include instructions specific to the radiography method used. For example, details about moving the drum in a specific way in order to detect liquids are included in the radiography procedures. QAOs for radiography are contained in Section C3-2a.

All activities required to achieve the radiography objectives are described in the QAPjP and radiography-related Standard Operating Procedures (SOPs). A radiography system (e.g., real time radiography, digital radiography/computed tomography) normally consists of the following components: x-ray-producing device; imaging system; an enclosure for radiation protection; a waste container handling system; an audio/visual recording system; and an operator control and data acquisition station. The radiography equipment has controls (or an equivalent process) that allow the operator to control image quality for materials of varying density. On some radiography systems, it should be possible to vary the voltage, typically between 150-400 kilovolts (kV), to provide an optimum degree of penetration through the waste. For example, high-density material is examined with the x-ray device set on the maximum voltage. This ensures maximum penetration through the waste container. Low-density material is examined at lower voltage settings to improve contrast and image definition. The imaging system utilizes a fluorescent screen, a low-light television camera, or x-ray detectors to generate the image.

To perform radiography, the waste container is scanned while the operator views the television screen. A video and audio recording is made of the waste container scan and is maintained as a Non-Permanent Record. A radiography data form is also used to document the waste matrix code, to ensure that the waste container contains no ignitable, corrosive, or reactive waste by documenting the absence of liquids in excess of TSDF-WAC limits or compressed gases, and verify that the physical form of the waste is consistent with the waste stream description documented in the AK Summary Report. Containers whose contents prevent full examination of the remaining contents are subject to VE unless the CCP certifies that VE would provide no additional relevant information for that container based on the acceptable knowledge information for the waste stream. Such certification shall be documented in CCP records.

For containers which contain classified shapes and undergo radiography, the radiography video and audio recording will be considered classified. The radiography data forms will not contain classified information.

The radiography system involves qualitative and semi-quantitative evaluations of visual displays. Operator training and experience are the most important considerations for ensuring QC in regard to the operation of the radiography system and for interpretation and disposition of radiography results. Only trained personnel are allowed to operate radiography equipment.

Standardized training requirements for radiographic operators are based on existing industry standard training requirements.

Formal and on-the-job training (OJT) elements are listed below. In addition, radiography personnel are instructed in the specific waste generating practices, typical packaging configurations, and associated waste material parameters expected to be found in the waste matrix code. OJT and apprenticeship of radiography personnel are conducted by experienced, qualified radiography operators prior to qualification of training candidates. Training describes the site equipment, waste configurations, and the level of waste characterization efforts for the CCP. In addition, radiography operators are trained on the types of waste, physical forms, packaging configurations, and QC requirements for site waste characterized by the CCP.

All of the radiography QC requirements specified in the QAPjP shall be incorporated into the CCP training programs and radiography operations, so that data quality and comparability will not be affected (T28, T510). The radiography training program is subject to the audit and surveillance program. The training program includes items required by CCP-QP-002, *CCP Training and Qualification Plan,* and the required elements listed below.

One or more training containers with items (including prohibited items) common to the waste streams to be characterized and internal containers of various sizes is scanned semi-annually by each operator. The audio and video media are then reviewed by a supervisor to ensure that operators' interpretations remain consistent and accurate. Imaging system characteristics are verified on a routine basis.

Independent replicate scans and replicate observations of the video output of the radiography process are performed under uniform conditions and procedures. Independent replicate scans are performed on one waste container per day or once per testing batch, whichever is less frequent by a qualified radiography operator that was not involved in the original scan of the waste container. Independent observations of one scan (not the replicate scan) are made once per day or once per testing batch, whichever is less frequent, by a qualified radiography operator that was not involved in the original scan of the waste container. A testing batch is a suite of waste containers

undergoing radiography using the same testing equipment. A testing batch can be up to 20 waste containers without regard to waste matrix.

Oversight functions include periodic audio/video media reviews of accepted waste containers and are performed by qualified radiography operators that were not involved in the original scans of the waste containers. The results of this independent verification are available to the radiography operators who performed the original scans. The SPM is responsible for monitoring the quality of the radiography data and calling for corrective action, when necessary.

C1-2 Visual Examination

The CCP may use VE to verify container's contents. VE is performed by physically examining the contents of waste containers to verify the Waste Matrix Code and to verify that the container is properly included in the appropriate waste stream (T6, T113, T163, T500).

VE is conducted on a waste container to identify and describe all waste items, packaging materials, and waste material parameters in the waste containers. VE activities are documented on video/audio media or by using a second operator to provide additional verification by reviewing the contents of the waste container to ensure correct reporting. When VE is performed using a second operator, each operator performing the VE will observe for themselves the waste being placed in the waste container or the contents within the examined waste container when waste is not removed. The results of all VE are documented on VE data forms, which are used to document the Waste Matrix Code, ensure that the waste container contains no ignitable, corrosive, or reactive waste by documenting the absence of liquids in excess of TSDF-WAC limits or compressed gases, and verify that the physical form of the waste is consistent with the waste stream description documented in the AK Summary.

VE recorded on video/audio media shall meet the following minimum requirements:

- The video/audio media shall record the waste packaging event for the container such that all waste items placed into the container are recorded in sufficient detail and shall contain an inventory of waste items in sufficient detail that another trained VE operator can identify the associated waste material parameters.

- The video/audio media shall capture the waste container identification number.

- The personnel loading the waste container shall be identified on the video/audio media or on packaging records traceable to the loading of the waste container.

- The date of loading of the waste container will be recorded on the video/audio media or on packaging records traceable to the loading of the waste container.

VE performed using two generator site personnel shall meet the following minimum requirements:

- At least two generator site personnel who witnessed the packaging of the waste shall approve the data forms or packaging records attesting to the contents of the waste container.

- The data forms or packaging records shall contain an inventory of waste items in sufficient detail that another trained VE operator can identify the associated waste material parameters.

- The waste container identification number shall be recorded on the data forms or packaging records.

VE video/audio media of containers which contain classified shapes, shall be considered classified information. VE data forms or packaging records will not contain classified information.

Waste container packaging records may be used to meet the VE DQOs, Sections C-4a(1). These records must meet the minimum requirements listed above for either VE recorded on video/audio media or VE performed by two generator site personnel, and shall be reviewed by operators trained and qualified to the requirements listed below. The operators will prepare data forms based on the VE records. VE BDRs will be prepared, reviewed, and approved as described in Section C-4 and Section C3.

There will be standardized training for VE. VE operators are instructed in the specific waste-generating processes, typical packaging configurations, and waste material parameters expected to be found in each waste matrix code at the site. The training covers the various waste configurations generated/stored at the site. The particular physical forms and packaging configurations will vary at each site, so operators will be trained to examine the types of waste that are generated, stored and/or characterized at that site. Training will include the following regardless of Summary Category Group:

- Identifying and describing the contents of a waste container by examining all items in waste containers of previously packaged waste

- Identifying when VE cannot be used to meet the DQOs

VE personnel are requalified once every two years.

The SPM designates VE experts. Designated VE experts are familiar with the waste-generating processes that have taken place at the site and waste types for wastes being characterized at a particular site. VE experts are responsible for the overall direction and implementation of VE activities for the CCP at that site. VE experts meet the qualification and training requirements specified in CCP-QP-002 and make decisions based on training, previous experience, and knowledge of the waste stream.

C2 RESERVED

C3 QUALITY ASSURANCE OBJECTIVES AND DATA VALIDATION TECHNIQUES FOR WASTE CHARACTERIZATION METHODS

C3-1 Validation Methods

The CCP performs validation of qualitative and quantitative data so that characterization data are of known and acceptable quality.

The qualitative data or descriptive information generated by radiography and VE are not amenable to statistical data quality analysis. However, radiography and VE are complementary techniques yielding similar data for determining the waste matrix code. The waste matrix code is determined to ensure that the container is properly included in the appropriate waste stream.

Data validation is used to assess the quality of waste characterization data collected based on project precision, accuracy, completeness, comparability, and representativeness objectives. These objectives are described below:

Precision

Precision is a measure of the mutual agreement among multiple measurements.

Accuracy

Accuracy is the degree of agreement between a measured result and the true or known value.

Completeness

Completeness is a measure of the amount of valid data obtained from a method compared to the total amount of data collected.

Comparability

Comparability is the degree to which one data set can be compared to another.

Representativeness

Representativeness is the degree to which sample data represent a characteristic of a population.

C3-2 Nondestructive Examination Methods

Quality Assurance Objectives

The QAOs for nondestructive examination (NDE) are detailed in this section. NDE can be either radiography or VE. If the QAOs in this section are not met, then corrective actions are taken. NDE is a primary qualitative determination. The objective of NDE for the program is to verify that the physical form of waste matches the waste stream description as determined by AK and the absence of prohibited items. CCP describes all of the activities required to achieve these objectives in this QAPjP and the operating procedures listed in Section C1.

C3-2a Radiography (T53, T508)

Data to meet the QAOs for radiography are obtained from a video and audio recorded scan provided by trained radiography operators at the Host site. Results are also recorded on a radiography data form. The precision, accuracy, completeness, and comparability objectives for radiography data follow.

Precision

Precision is maintained by reconciling any discrepancies between two radiography operators with regard to identification of the waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases through independent replicate scans and independent observations. The precision of radiography is also verified prior to use by tuning precisely enough to demonstrate compliance with QAOs listed in Section C-4a through viewing an image test pattern.

Accuracy

Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify 100 percent of the items required to meet the DQOs for radiography specified in Section C. Section C-4a(1) in a training container during their initial qualification and subsequent requalification.

Completeness

To ensure completeness, video and audio media recording of the radiography of the radiography examination and a validated radiography data form are obtained for 100 percent of retrievably stored waste containers that are examined by radiography. All video and audio media recordings and radiography data forms are subject to validation as indicated in Section C3-7.

Comparability

The comparability of radiography data from different operators is enhanced by using standardized radiography procedures and operator qualifications.

C3-2b Visual Examination (T6, T113, T163, T500)

Results must be recorded on a VE data form. The precision, accuracy, completeness, and comparability objectives for VE data are presented below.

Precision

Precision is maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases.

Accuracy

Accuracy is maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification. VE operators shall be requalified every two years.

Completeness

A validated VE data form will be obtained for 100 percent of the waste containers subject to VE.

Comparability

The comparability of VE data from different operators shall be enhanced by using standardized VE procedures and operator qualifications.

C3-3 Acceptable Knowledge (T5)

AK documentation provides qualitative information that cannot be assessed according to specific data quality goals that may be used for quantitative techniques. To ensure that the AK process is consistently applied, the CCP complies with the following data quality requirements for AK documentation.

- Precision - The qualitative determinations, such as compiling and assessing AK documentation, do not lend themselves to statistical evaluations of precision. However, the AK information is assessed by independent review during internal and external audits.

- Accuracy - The percentage of waste containers which require reassignment to a new waste matrix code and/or designation of a different hazardous waste number, based on testing data and discrepancies identified during waste confirmation is reported as a measure of AK accuracy. The CCP calculates the AK accuracy in accordance with CCP-TP-005, *CCP Acceptable Knowledge Documentation*.

- Completeness - The AK record contains 100 percent of the required information (Section C4-3). The usability of the AK information is assessed for completeness during audits.

- Comparability - The CCP ensures comparability by meeting the training requirements and complying with the minimum standards outlined for procedures that are used to implement the AK process. The CCP assign hazardous waste numbers in accordance with Section C4-3b and will provide the information regarding the waste being characterized to other sites that store or generate a similar waste stream.

- Representativeness - Representativeness is a qualitative parameter that is satisfied by ensuring that the process of obtaining, evaluating, and documenting AK information is performed in accordance with the minimum standards established in Section C4. The CCP assesses and documents the limitations of the AK information used to assign hazardous waste numbers (e.g., purpose and scope of information, date of publication, type and extent to which waste parameters are addressed).

The CCP complies with the nonconformance notification and reporting requirements of Section C3-7of this QAPjP if the results of testing specified in this QAPjP are inconsistent with AK documentation.

In addition, performance with regard to the use of AK information is tracked by assessing the frequency of inconsistencies among information, and documenting AK inconsistencies identified through radiography and VE. The AK process and waste stream documentation are evaluated through internal assessments by QA and assessments by auditors external to the organization (i.e. the Permittees).

C3-4 Data Review, Validation, and Verification Requirements

Data review, validation, and verification are performed at the CCP data generation level in accordance with CCP data generation level characterization procedures. Data validation and verification are performed at the project level by the CCP project staff.

Data review determines whether raw data was properly collected and ensures that it was properly reduced. Data validation verifies that the reported data satisfy the

WAP requirements and are accompanied by signature release. Data verification authenticates that the data are presented accurately, represent the testing activities performed, and have been subject to the appropriate level of review. By meeting the requirements in this section, the CCP ensures that records furnish documentary evidence of quality.

The following types of BDRs (as applicable to the characterization process in use) are required for data validation and verification, and quality assurance activities:

- The Testing BDR or equivalent includes all data pertaining to radiography or VE for up to 20 waste containers without regard to waste matrix. Table C3-3, Testing Batch Data Report Contents lists the information required in Testing BDRs (identified with an "X") and other information necessary for data validation but optional for inclusion in the Testing BDR (identified with an "O")

C3-4a Data Generation Level (T6, T32, T53, T106, T113, T143, T188, T500, T508)

The minimum requirements for raw data collection and management include the following:

- All data are signed and dated in reproducible ink by the individual generating the data, or by use of unalterable electronic signature.
- All data are recorded clearly, legibly, and accurately in field records.
- All changes to original data are lined out, initialed, and dated by the individual making the change. A justification for changing the original data may also be included. Original data are not obliterated or otherwise disfigured so as to be unreadable. Data changes are made only by the individual who originally collected the data, or by an individual authorized to change the data.
- All data are transferred and reduced from field records completely and accurately.
- All field records are maintained as specified in Table C-2.
- All data are organized in standard formats (i.e., BDRs) specified in procedures.

- All electronic and video data are stored appropriately to ensure that waste containerand associated QC data are readily retrievable. In the case of classified information, additional security provisions may apply that could restrict retrievability. The additional security provisions will be documented in CCP procedures when required.

Data review, validation, and verification at this level involves scrutiny and signature release from qualified independent technical reviewers not involved in the generation or recording of the data under review as specified below. Individuals conducting the data review, validation, and verification use checklists that address the items in this section. Checklists are forwarded with BDRs to the CCP Project Office.

C3-4a(1) Independent Technical Review (T6, T32, T53, T106, T113, T143, T188, T500, T508)

The independent technical reviewer ensures by review of raw data that data generation and reduction are technically correct, calculations are verified correct, deviations are documented, and QA/QC results are complete, documented correctly, and compared against the criteria specified in this QAPjP. This review is to validate and verify all of the work done by the originator.

One hundred percent of the BDRs must receive an independent technical review. This review is performed by an individual by a trained and qualified individual who was not involved in the generation or recording of the data under review. The independent technical review is performed as soon as practicably possible in order to determine and correct negative quality trends in the testing, process. However at a minimum, the independent technical review must be performed before any waste associated with the data reviewed is managed, stored, or disposed at WIPP. The reviewer(s) must release the data as evidenced by signature, and as a consequence ensure the following:

- Data generation and reduction were conducted in a technically correct manner in accordance with the methods used (procedure revision) and data were reported in the proper units and correct number of significant figures.

- Calculations were verified by a valid calculation program, a spot check of verified calculation programs, and/or 100 percent check of all hand calculations. Values that are not verifiable to within rounding or significant difference discrepancies are rectified prior to completion of independent technical review.

- The data were reviewed for transcription errors.

- The testing, data QA documentation for BDRs is complete and includes, as applicable, raw data, calculation records, calibration records, (or reference to an available calibration package), and Corrective action is taken to ensure that all BDRs are complete and include all necessary raw data prior to completion of the independent technical review.

- Radiography tapes were reviewed (independent observation) on a waste container basis at a minimum of once per testing batch or once per day of operation, whichever is less frequent (Section C1-3). The radiography tape was reviewed against the data reported on the radiography form to ensure that the data are correct and complete.

- QAOs have been met according to the methods outlined in Sections C3-2 and C3-3.

C3-4b Project Level

Data validation and verification at this level involves scrutiny and signature release from the SPM (T1, T500, T508). Any nonconformance identified during this process is documented on an NCR (Section C3-7).

The SPM ensures that a repeat of the data generation level review, verification and validation is performed on the data for a minimum of one randomly chosen waste container quarterly (every three months). This exercise documents that the data generation level review, verification, and validation are being performed in accordance with implementing procedures.

C3-4b(1) Site Project Manager Review

The SPM review is the final validation that all of the data contained in BDRs from the data generation level are complete and are properly reviewed, as evidenced by signature release and completed checklists.

One hundred percent of the BDRs have SPM signature release. At a minimum, the SPM signature release is performed before any waste associated with data reviewed is shipped to the WIPP. This signature release ensures the following (T1, T500, T508):

- Data generation level independent technical review, validation, and verification are performed as evidenced by completed review checklists and by the appropriate signature releases.

- Independent technical reviewers were not involved in the generation or recording of the data under review.

- Batch data review checklists are complete.
- BDRs are complete and data are properly reported (i.e., data are reported in the correct units, with the correct significant figures.
- Data are within established data assessment criteria and meet all applicable QAOs as described in Sections C3-2 through C3-3.
- Testing batch QC checks (e.g., replicate scans, measurement system checks) were properly performed. Radiography data are complete and acceptable based on evidence of videotape review of one waste container per day or once per testing batch, whichever is less frequent, as specified in C1-1.

C3-4b(2) Preparing SPM Summary and Data Validation Summary

To document the project level validation and verification described above, the SPM (or designee) prepares an SPM Summary, and Data Validation Summary (T1). These reports may be combined to eliminate redundancy. The SPM Summary includes a validation checklist for each BDR. Checklists for the SPM Summary are of sufficient detail to validate all aspects of a BDR that affect data quality.

The SPM Data Validation Summary provides verification that, on a per waste container as evidenced by BDR reviews, all data have been validated in accordance with this QAPjP. The SPM Data Validation Summary identifies each BDR data report reviewed (including all waste container numbers), describes how the validation was performed and whether or not problems were detected (e.g., nonconformance reports), and includes a statement indicating that data are acceptable. Summaries must include release signatures.

C3-4b(3) Preparing Waste Stream Characterization Packages

If requested by the Permittee, the SPM provides a Waste Stream Characterization Package. The SPM must ensure that the Waste Stream Characterization Package (described in Section C3-6b(3)) supports the waste characterization determinations.

C3-4c Permittee Level

Not applicable to CCP. This is a Permittee function.

C3-5 Reconciliation with Data Quality Objectives

Reconciling the results of waste testing with DQOs ensures that data are of adequate quality to support regulatory compliance programs. When waste is characterized by

CCP, reconciliation with the DQOs is the responsibility of the SPM and occurs prior to waste shipment (T2).

C3-5a Reconciliation at the Project Level

The SPM ensures that all data generated and used in decision making meet the DQOs providing in Section C-4a(1). DQO reconciliation is the responsibility of the SPM, who assesses whether data of sufficient type, quality, and quantity to meet the DQOs (Section C-4a(1)) have been collected and determines whether the variability of the data set is small enough to provide the required confidence in the results.

The SPM determines for each waste stream characterized, whether sufficient data have been collected to determine the following required waste parameters (T2):

- Waste matrix code.
- Waste material parameter weights.
- That each container of waste is transuranic radioactive waste.
- Whether the waste stream exhibits a toxic characteristic or is listed under 40 CFR §261, Subpart C.
- Whether the waste stream contains listed waste found in 20.1.4.200 NMAC incorporating 40 CFR §261, Subpart D.
- Whether the waste stream can be classified as hazardous or nonhazardous
- Whether the overall completeness, comparability, and representativeness QAOs were met for the testing procedures specified in Sections C3-2 and C3-3 prior to submittal of a WSPF for a waste stream or waste stream lot.

If the SPM determines that insufficient data have been collected to make the determinations listed above, additional data collection efforts are undertaken. The reconciliation of a waste stream is performed, as described in Section C4, prior to submittal of the WSPF and CIS to the Permittees for that waste stream. The CCP does not ship TRU waste stream to the WIPP unless the SPM determines that the WAP-required waste parameters listed above are met for that waste stream.

C3-5b Reconciliation at the Permittee Level

Not applicable to the CCP. This is a Permittee function.

C3-6 Data Reporting Requirements

Data reporting requirements define the type of information and the method of transmittal for data transfer from the data generation level to the CCP Project Office and from the CCP Project Office to the Permittee.

C3-6a Data Generation Level

Data are transmitted by hard copy or electronically (with hard copies available on demand) from the data generation level to the CCP Project Office. Transmitted data include all BDRs, and data review checklists. The BDR forms and checklists must contain all the information required by the testing techniques described in Sections C1 through C6, as well as the signature releases to document the review, validation, and verification as described in Section C3-4. BDRs and checklists are on approved forms as provided in procedures.

BDRs are forwarded to the SPM. All BDRs are assigned serial numbers, and each page is numbered. The serial number is the same as the batch number. QA documentation, including raw data, is maintained in either testing facility files, or the CCP files in accordance with CCP-QP-008.

C3-6b Project Level

The CCP Project Office prepares a WSPF for each waste stream certified for shipment to the WIPP based on information obtained from AK and BDRs, if applicable (T2). The CCP Project Office ensures that the CIS and Waste Stream Characterization Package (when requested by the Permittee) are prepared as appropriate. The SPM verifies these reports are consistent with information found in BDRs. Summarized testing are included in the CIS. The contents of the WSPF, the CIS, and the Waste Stream Characterization Package are discussed in the following sections.

A Waste Stream Characterization Package is submitted only when requested by the Permittee. These reports are reviewed, validated, and verified by the SPM (T2).

After approval of a WSPF and the associated CIS by the DOE, CCP will maintain a cross reference of container identification number to each BDR.

A Waste Stream Characterization Package will be transmitted by hard copy or electronically from the SPM to the Permittees when requested.

C3-6b(1) Waste Stream Profile Form (T2)

The WSPF shall include the following information:

- Site name
- Site EPA ID
- Date of audit report approval by NMED (if obtained)
- Original generator of waste stream
- Whether waste is CH or RH
- The Waste Stream WIPP Identification Number
- Summary category group
- Waste matrix code group
- Waste Material Parameter Weight Estimates per unit of waste
- Waste stream name
- A description of the waste stream
- Applicable U.S. EPA Hazardous Waste Numbers
- Applicable TRUPACT Content (TRUCON) codes
- A listing of AK documentation used to identify the waste stream
- The waste characterization procedures used and the reference and date of the procedure
- Certification signature of SPM, name, title, and date signed

C3-6b(2) Characterization Information Summary (T2)

The CIS shall include the following elements, if applicable:

- Data reconciliation with DQOs.

- Radiography and VE summary to document that prohibited items are not present, and to verify that the physical form of the waste matches the waste stream description as determined by AK.

- A justification for the selection of radiography and/or VE as an appropriate method for characterization of the waste.

- A complete listing of all container identification numbers used to generate the WSPF, cross-referenced to each BDR.

- Complete AK summary, including waste stream name and number, the point of generation, waste stream volume (current or projected), generation dates, TRUCON codes, Summary Category Group, Waste Matrix Code(s) and Waste Matrix Code Group, other TRU Waste Baseline Inventory Report (TWBIR) information, waste stream description, areas of operation, generation processes, RCRA determinations, radionuclide information, all references used to generate the AK summary, and any other information required by Section C4-2b.

- Method for determining Waste Material Parameter Weights per unit of waste.

- List of any AK Sufficiency Determinations requested for the waste stream.

- Certification through acceptable knowledge or testing that any waste assigned the Hazardous Waste Number of U134 (hydrofluoric acid) no longer exhibits the characteristic of corrosivity. This is verified by ensuring that no liquid is present in U134 waste.

C3-6b(3) Waste Stream Characterization Package (T2)

The waste stream characterization package is submitted when requested by the Permittee and includes the following information:

- WSPF (Section C3-6b(1))

- Applicable CIS (Section C3-6b(2))

- Complete AK summary (Section C3-6b(2))

- BDRs supporting the characterization of the waste stream and any others requested by the Permittee

- Raw testing data requested by the Permittee

C3-6b(4) WIPP Waste Information System Data Reporting (T30)

The WWIS/WDS data dictionary includes the data, field formats, and limits associated with waste characterization data established by the WAP. These data are subject to edit and limit checks that are performed automatically by the database, as defined in the "Waste Data System User's Manual" (DOE 2009).

C3-7 Nonconformances (Q5)

The status of CCP activities are monitored and controlled by the SPM in accordance with the nonconformance and procurement procedures identified below. This includes nonconformance identification, documentation, and reporting.

Nonconformances

Nonconformances are uncontrolled and unapproved deviations from an approved plan or procedure (e.g., this QAPjP). In the context of this QAPjP, deficiencies and nonconformances are synonymous. Nonconforming items and activities are those that do not meet the CCP requirements, procurement document criteria, or approved work procedures. The CCP personnel are responsible for promptly reporting any nonconformance to management. The CCP reconciles and corrects nonconformance items, as appropriate, in accordance with the DOE-CBFO QAPD. The disposition of nonconforming items is identified and documented and nonconforming items are identified by marking, tagging, or segregating and appropriate notifications are made to the site. When a nonconformance related to the CCP is observed or detected, the QA is notified, and affected management reviews the content of the NCRs and assists the QA in processing the NCR. For each container selected for confirmation pursuant to Section C7, the Permittees will examine the respective NCR documentation to verify NCRs have been dispositioned for the selected container.

The CCP identifies and documents nonconformances as follows:

- The NCR procedure establishes the method for CCP personnel to identify, document, control, and disposition nonconforming activities, processes, items, and materials. NCRs are initiated by any individual identifying a nonconformance during performance of work tasks, random observations, inspections, or any other review of CCP procedures, operations, and activities. The CCP personnel identify deficient items by marking, tagging, or segregating them. This procedure implements the requirements of Section 1.3.2 (Nonconformances) of the DOE-CBFO QAPD.

- Corrective Action Reporting and Control procedures establishes the method for personnel to identify and correct potential problems and conditions adverse to quality, in addition to precluding their recurrence, and if necessary,

stopping associated work activities (Q8). Any person may temporarily stop work prior to evaluation of the condition by the responsible CCP supervisor. The CCP supervisor then evaluates and reports the condition, as necessary, in accordance with CCP-QP-029, *CCP Corrective Action Management.* This procedure implements the requirements of Section 1.3.3 (Corrective Action) of the DOE-CBFO QAPD.

Management at all levels fosters a "no-fault" attitude to encourage the identification of nonconforming items and processes within the CCP. Nonconformances may be detected and identified by anyone performing activities in support of this QAPjP, including:

- The CCP project staff - during field operations, supervision of subcontractors, data validation and verification, and self-assessment
- Testing Facility staff - during the preparation for and performance of testing; calibration of equipment; QC activities; data review, validation, and verification; and self-assessment.
- QA personnel - during oversight activities or audits

An NCR is prepared for each nonconformance identified. Each NCR is initiated by the individual(s) identifying the nonconformance. The NCR is then processed by knowledgeable and appropriate personnel. The NCR includes or references results of, QC tests, audit reports, internal memoranda, or letters, as appropriate. The NCR provides the following information:

- Identification of the individual(s) identifying or originating the nonconformance
- Description of the nonconformance
- Method(s) or suggestions for correcting the nonconformance (corrective action)
- Schedule for completing the corrective action
- An indication of the potential ramifications and overall usability of the data, if applicable
- Any approval signatures specified in the nonconformance procedures.

The SPM oversees the NCR process for the CCP, identifies and tracks the status of deficiencies, reports this information to the Permittees, and is responsible for verifying the close-out of the NCRs.

Nonconformances are tracked and trended in accordance with procedures (Q5, Q14) that establish the method for evaluating trends in nonconformances and identifying appropriate corrective actions.

The SPM ensures that relevant project personnel are notified of nonconformances and verifying completion of corrective action for nonconformances.

Nonconformance to DQOs

For any non-administrative nonconformance related to applicable requirements specified in this QAPjP which are first identified at the SPM signature release level (i.e., a failure to meet a DQO), the SPM will provide a written notification to the Permittees within seven (7) calendar days of identification and shall also provide a nonconformance report within 30 calendar days of identification of the incident. The CCP implements a corrective action process and resolves identified nonconformances prior to shipment of any affected waste to the WIPP.

DOE Corrective Action Process

This section is not applicable to the CCP.

C3-8 Special Training Requirements and Certifications (Q2)

The SPM is responsible for ensuring that all personnel maintain proficiency in the work performed and identifies additional training if required. The training and qualification process for CCP personnel and subcontracted personnel who perform work to support the CCP is documented and controlled. In accordance with these plans, only personnel trained to applicable CCP-related plans and procedures perform CCP activities. Before performing CCP-related activities, assigned staff receive indoctrination into the scope, purpose, and objectives of the WAP and the specific QAOs of assigned tasks. Personnel assigned to perform activities under this QAPjP have the education, experience, and training applicable to the functions associated with the work.

Evidence of personnel proficiency and demonstration of competence in the task(s) assigned are demonstrated and documented. All personnel designated to work on specific aspects of the WAP maintain qualification (i.e., training and certification) throughout the duration of the work as specified in this QAPjP and applicable procedures. Job performance is evaluated and documented at periodic intervals, as specified in the appropriate implementing procedures.

CCP personnel involved in WAP activities (as flowed down in this QAPjP) receive continuing training to ensure that job proficiency is maintained and documented. The due date for required continuing training courses and requalification shall be the end of the month of the anniversary date when the training was previously completed. Training

includes both education in principles and enhancement of skills. Job performance is evaluated and documented at periodic intervals, as specified in the implementing procedures or in CCP-QP-002. Documentation of training, consisting of training records that specify the scope of training, dates of completion, and job proficiency are maintained by the CCP Project Office and/or the site records system as QA records.

The minimum qualifications for certain specified positions for the WAP are summarized in Table C3-2. This QAPjP specify the titles and minimum training and qualification requirements for personnel performing QAPjP activities.

Evaluation of CCP personnel qualifications includes a comparison of the job description to the skills, training, and experience included in the individual's resume, training records, and other documented bases for job assignment. This evaluation is also performed for personnel who change positions because of a transfer or promotion as well as personnel assigned to short-term or temporary work assignments that may affect the quality of CCP activities. Procedures identify the responsible persons for ensuring all personnel maintain proficiency in the work performed and identify any additional training that may be required.

C3-9 Changes to WAP Related Plans or Procedures

Controlled changes to WAP-related CCP plans or procedures are managed through the document control process (Q10). The SPM reviews all nonadministrative changes and evaluates whether those changes could impact DQOs specified in the WAP. Any changes to the WAP-related plans or procedures that could impact DQOs (i.e., those changes that require prior approval of the DOE as defined in Section C5-2) are reported to the DOE within five days of identification by the project level review.

Table C3-1. Waste Material Parameters and Descriptions

Waste Material Parameter	Description
Iron-Based Metals/Alloys	Iron and steel alloys in the waste excluding the waste container materials.
Aluminum-Based Metals/Alloys	Aluminum or aluminum-based alloys in the waste materials.
Other Metals	All other metals found in the waste materials (e.g., copper, lead, zirconium, tantalum, etc.).
Other Inorganic Materials	Non-metallic inorganic waste, including concrete, glass, firebrick, ceramics, sand, and inorganic sorbents.
Cellulosics	Materials generally derived from high polymer plant carbohydrates (e.g., paper, cardboard, wood, cloth).
Rubber	Natural or man-made elastic latex materials (e.g., surgeon's gloves, leaded rubber gloves).
Plastics (Waste Materials)	Generally man-made materials, often derived from petroleum feedstock (e.g., polyethylene and polyvinylchloride).
Organic Matrix	Cemented organic resins, solidified organic liquids and sludges.
Inorganic Matrix	Any homogeneous materials consisting of sludge or aqueous-based liquids that are solidified with cement, calcium silicate, or other solidification agents; (e.g., waste water treatment sludge, cemented aqueous liquids, and inorganic particulates).
Soils/Gravel	Generally consists of naturally-occurring soils that have been contaminated with inorganic waste materials.
Steel (Packaging Materials)	208-liter (55-gallon) drums.
Plastics (Packaging Materials)	90-mil polyethylene drum liner and plastic bags.

Table C3-2. Minimum Training and Qualification Requirements

Personnel	Requirements
Radiography Operators[a]	Site-specific training based on waste matrix codes and waste material parameters as described in Section C3-4; requalification every 2 years

[a] Operators are responsible for the actual operation of testing equipment.

Table C3-3. Testing Batch Data Report Contents

Required Information	Radiography	VE	Comment
Batch Data Report Date	X	X	
Batch number	X	X	
Waste container number	X	X	
Waste stream name and/or number	O	O	
Waste matrix code	X	X	Summary Category Group included in waste matrix code.
Implementing procedure (specific version used)	X	X	If procedure cited contains more than one method, the method used must also be cited. Can use revision number, date, or other means to track specific version used.
Container type	O	O	Drums, Pipe Overpack, SWB, TDOP, etc.
Video media reference	X	X	Reference to video media applicable to each container. For VE for newly generated waste, video media is not required if two trained operators review the contents of the waste container to ensure correct reporting.
Imaging check	O	N/A	
Camera check	N/A	O	
Audio check	O	O	
QC documentation	X	X	

Table C3-3. Testing Batch Data Report Contents (continued)

Required Information	Radiography	VE	Comment
Verification that the physical form matches the waste stream description and waste matrix code	X	X	Summary Category Group included in waste matrix code.
Comments	X	X	
Reference to or copy of associated NCRs, if any	X	X	Copies of associated NCRs must be available.
Verify absence of prohibited items	X	X	
Operator signature and date of test	X	X	Signatures of both operators required for visual verification of AK.
Data review checklists	X	X	All data review checklists will be identified.

LEGEND:
X = Required in Batch Data Report
O = Information must be documented and traceable; inclusion in Batch Data Report is optional.

C4 ACCEPTABLE KNOWLEDGE

C4-1 Introduction

The RCRA regulations codified in 40 CFR and the New Mexico Hazardous Waste Management Regulations in 20.4.1 NMAC, Subparts 100 through 600, Subpart 800, and Subpart 900, authorize the use of AK in appropriate circumstances by waste generators or treatment, storage, or disposal facilities to characterize hazardous waste. AK is described in *Waste Analysis at Facilities that Generate, Treat, Store and Dispose of Hazardous Waste: A Guidance Manual* (EPA 1994a). AK, as an alternative to waste sampling and analysis, is used to meet all or part of RCRA waste characterization requirements (EPA 1994a).

EPA's 1994 Waste Analysis Guidance Manual broadly defines the term "acceptable knowledge" to include process knowledge, whereby detailed information on the wastes is obtained from existing published or documented waste analysis data or studies conducted on hazardous waste generated by processes similar to that which generated the waste; facility records of analysis performed before the effective date of RCRA; and sampling and waste analysis data obtained from generators of similar wastes that send their wastes off-site for treatment, storage, or disposal (EPA 1994a). If it is determined that AK alone is insufficient to accurately characterize a waste, radiography and/or VE, may be used to complete the waste characterization process and satisfy the requirements of the WAP. AK is used in TRU waste characterization activities in five ways:

- To delineate TRU waste streams
- To assess whether TRU mixed wastes comply with the applicable requirements of the Treatment, Storage, and Disposal Facility Waste Acceptance Criteria (TSDF-WAC)
- To assess whether TRU mixed wastes exhibit hazardous characteristic (20 NMAC 4.1.200, incorporating 40 CFR § 261 Subpart C)
- To assess whether TRU mixed wastes are listed wastes (20 NMAC 4.1.200, incorporating 40 CFR § 261 Subpart D)
- To estimate waste material parameter weights

Radiography and/or VE may be performed to augment the characterization of wastes based on AK when an AK Sufficiency Determination has not been requested by the generator/storage site or, if requested, has not been granted by the DOE (see Section C4-3d). TRU waste streams undergo applicable provisions of the AK process prior to shipment of the waste to WIPP.

C4-2 Acceptable Knowledge Documentation

The CCP collects and compiles, in a logical sequence, AK information that progresses from general facility information (TRU waste management program information) to more detailed waste-specific information (TRU waste stream information).

The CCP implements the AK process as specified in the WAP to characterize TRU waste (T5). The AK information is then compiled into the AK report (and supporting documentation), as shown in Figure C4-1, Compilation of Acceptable Knowledge Documentation, in Attachment C-4 of the WAP.

The following sections include the information the Permittee will require for the CCP to characterize TRU waste using AK. Because waste generating processes are site-specific, CCP will, as necessary, augment the required AK records with additional supporting information as discussed in Section C4-2c. If the required information is not available for a particular waste stream, the waste stream is not eligible for an AK Sufficiency Determination as specified in Section C4-3d.

C4-2a Required TRU Waste Management Program Information

TRU waste management program information clearly defines waste categorization schemes and terminology, provides a breakdown of the types and quantities of TRU waste that are generated and stored by the site (and processed by the CCP), and describes how waste is tracked and managed, including historical and current operations. Information related to TRU waste certification procedures and the types of documentation (e.g., WSPFs) used to summarize AK are also provided.

The following information is included as part of the AK written record:

- A map of the site with the areas and facilities involved in TRU waste generation, treatment, and storage identified
- Facility mission description as related to TRU waste generation and management
- Description of the operations that generate TRU waste at the site
- Description of waste identification and characterization schemes used at the site or facility (e.g., content codes, item description codes)
- Types and quantities of TRU waste generated, including historical generation through future projections. Includes time and facility/site of generation
- Description of correlation of waste streams generated from the same building and process (e.g., sludge, combustibles, metals, and glass)

- Waste certification procedures for TRU wastes to be shipped to the WIPP

C4-2b Required TRU Waste Stream Information

The CCP uses AK to delineate site-specific waste streams for shipment to the WIPP. The available process information and data that supports the AK used to characterize waste streams are compiled in AK summary reports and supporting documentation in accordance with CCP-TP-005. The type and quantity of supporting documentation may vary by waste stream, depending on the waste generating process and site specific requirements imposed by the Permittee. At a minimum, the waste process information on each waste stream includes the following written information:

- Areas and buildings from which the waste stream was or is generated
- The waste stream volume and time period of waste generation
- Waste generating process described for each building (e.g., batch waste stream generated during decommissioning operations of glove boxes), including processes associated with U134 waste generation, if applicable
- Documentation regarding how the site has historically managed the waste, including the historical regulatory status of the waste (i.e., TRU mixed versus TRU non-mixed waste)
- Process flow diagrams. In the event that a process flow diagram cannot be created, a description of the waste generating process, rather than a formal process flow diagram, is used to satisfy this requirement. The use of the waste generating process description is justified, and the justification is placed in the AK record
- Material inputs or other information that identify the chemical content of the waste stream and physical waste form (e.g., glove box materials and chemicals handled during glove box operations; events or processes that may have modified the chemical or physical properties of the waste stream after generation; data obtained through VE of newly generated waste that later undergoes radiography; information demonstrating neutralization of U134 [hydrofluoric acid] and waste compatibility)

The AK written record includes a summary that identifies all sources of waste characterization information used to delineate the waste stream. The basis and rationale for delineating each waste stream, based on the parameters of interest, is clearly summarized and traceable to referenced documents. Assumptions made in delineating each waste stream also are identified and justified. If discrepancies exist between required information, then the CCP may consider applying all hazardous waste numbers indicated by the information to the subject waste stream but must assess and

evaluate the information to determine the appropriate hazardous waste numbers consistent with RCRA requirements.

Implementing procedures address the following AK processes:

- Identifying and assigning the physical waste form of the waste
- Delineating waste streams and assigning Summary Category Groups and waste matrix codes
- Resolving inconsistencies in AK documentation
- Radiography and VE, if applicable
- For newly generated waste, procedures describing process controls used to ensure prohibited items (specified in Section C) are documented and managed
- Procedures to ensure that radiography and VE include a list of prohibited items that the operator verifies are not present in each container (e.g., liquid exceeding TSDF-WAC limits, corrosives, ignitables, reactives, and incompatible wastes)
- Procedures for documenting how changes to waste matrix code, waste stream assignment, and associated hazardous waste numbers based on material composition are documented for any waste
- Procedures that ensure the assignment of EPA hazardous waste numbers is appropriate, consistent with RCRA requirements, and considers site historical waste management
- Procedures for estimating waste material parameter weights

C4-2c Additional Acceptable Knowledge Information

CCP shall obtain additional acceptable knowledge information. CCP shall collect information as appropriate to augment required information and provide any other information obtained to further delineate waste stream. Adequacy of this information shall be assessed by DOE during audits. CCP will use this information to compile the acceptable knowledge written record.

All additional specific, relevant acceptable knowledge documentation assembled and used in the acceptable knowledge process, whether it supports or contradicts any required acceptable knowledge documentation, shall be identified and an explanation provided for its use (e.g., identification of a toxicity characteristic). Additional

documentation may be used to further document the rationale for the hazardous characterization results. The collection and use of additional information shall be assessed by DOE during site audits to ensure that hazardous waste characterization is supported, as necessary, by such information. Similar to required information, if discrepancies exist between additional information and the required information, then CCP may consider applying all hazardous waste numbers indicated by the additional information to the subject waste stream, but must assess and evaluate the information to determine the appropriate hazardous waste numbers consistent with RCRA requirements. All information considered must be documented and placed in the auditable record, including applicable discrepancy resolution documentation.

Additional AK documentation includes, but is not limited to, the following information:

- Process design documents (e.g., Title II Design)
- Standard operating procedures that may include a list of raw materials or reagents, a description of the process or experiment generating the waste, and a description of wastes generated and how the wastes are managed at the point of generation.
- Preliminary and final safety analysis reports and technical safety requirements
- Waste packaging records
- Test plans or research project reports that describe reagents and other raw materials used in experiments
- Site databases (e.g., chemical inventory database for Superfund Amendments and Reauthorization Act Title III requirements)
- Information from site personnel (e.g., documented interviews)
- Standard industry documents (e.g., vendor information)
- Analytical data relevant to the waste stream, including results from fingerprint analyses, spot checks, routine verification sampling or other processes that collected information pertinent to the waste stream. This may also include new information which augments required information (e.g., VE not performed in compliance with the WAP, radiography screening for prohibited items)
- Material Safety Data Sheet, product labels, or other product package information

- Sampling and analysis data from comparable or surrogate waste streams (e.g., residues, equivalent nonradioactive materials)

- Laboratory notebooks that detail the research processes and raw materials used in an experiment

C4-3 Acceptable Knowledge Training, Procedures, and Other Requirements

The CCP uses the following to characterize TRU waste by means of AK information:

1) compiling the required and supporting additional AK documentation in an auditable record;

2) auditing AK records, and

3) WSPF approval and waste confirmation.

C4-3a Qualifications and Training Requirements (Q2)

The CCP and site personnel responsible for compiling AK, assessing AK, and resolving discrepancies associated with AK are qualified and trained in the following areas, at a minimum:

- WAP and TSDF-WAC requirements;

- State and Federal RCRA regulations associated with solid and hazardous waste characterization;

- Discrepancy resolution and reporting; and

- CCP and site-specific procedures associated with waste characterization using AK.

Position-specific qualification and training requirements such as those listed above for functional positions within the CCP are established by the SPM and documented (Q2). The SPM ensures that personnel conducting AK activities are qualified and trained as specified.

C4-3b Acceptable Knowledge Assembly and Compilation

The CCP process allows for the consistent application of the AK process and requirements, and addresses the following requirements (T5):

- Written procedures outlining the specific methodology used to assemble AK records, including the origin of the documentation, how it is used, and any

limitations associated with the information (e.g., identify the purpose and scope of a study that included limited sampling and analysis data).

- Written procedures to compile the required AK record.
- Written procedures ensuring that unacceptable wastes (e.g., reactive, ignitable, corrosive) are identified and segregated from TRU waste populations sent to the WIPP.
- Procedures to evaluate AK and resolve discrepancies. For example, if different sources of information indicate hazardous wastes are present in a waste stream, the CCP includes all sources of information in its records and may choose to either conservatively assign hazardous waste numbers or assign only those numbers deemed appropriate and consistent with RCRA requirements. All information used to justify assignment of hazardous waste numbers must be placed in the auditable record. Further the assignment of hazardous waste numbers is traceable in the AK record to required documentation.
- Procedures to identify hazardous wastes and assign the appropriate hazardous waste numbers to each waste stream in accordance with the following minimum baseline requirements:
  - Compiling all of the required information in an auditable AK record.
  - Reviewing the compiled information and delineating waste streams. Delineation of waste streams must comply with the definition in C-0a and justify combining waste historically managed separately as TRU mixed and TRU non-mixed waste streams into a single waste stream.
  - Reviewing the compiled information to determine if the waste stream is compliant with the TSDF-WAC.
  - Reviewing the required information to determine whether the waste is listed under 20.4.1.200 NMAC (incorporating 40 CFR §261), Subpart D. Assigning all the hazardous waste numbers unless the CCP chooses to justify an alternative assignment and documents the justification in an auditable record.
  - Reviewing the required information to determine if the waste exhibits a hazardous characteristic or contains toxicity characteristic hazardous constituents specified in 20.4.1.200 NMAC (incorporating 40 CFR §261), Subpart C. If a toxicity characteristic contaminant is identified and is not included as a listed waste, sites may evaluate available data and assign the toxicity characteristic hazardous waste number consistent with RCRA

requirements. All data examined to reach the hazardous waste number determination must be placed in the auditable record and must present a clear justification for the hazardous waste number analyses.

- Reviewing the compiled information to provide an estimate of material parameter weights for each container to be stored or disposed of at WIPP.

- For newly generated wastes, procedures are developed and implemented to characterize hazardous waste using AK prior to packaging the waste.

- The CCP ensures that results of other audits of the CCP TRU waste characterization activities are available in the CCP files.

- The CCP identifies all process controls (implemented to ensure that the waste contains no prohibited items and to control hazardous waste content and/or physical form) that may have been applied to retrievably stored waste and/or may presently be applied to newly generated waste. Process controls are applied at the time of waste generation/packaging to control waste content, whereas any activities performed after waste generation/packaging to identify prohibited items, hazardous waste content, or physical form are waste characterization activities not process controls. The AK record must contain specific process controls and supporting documentation identifying when these process controls are used to control waste content. See Section C-2 for programmatic requirements related to process controls.

C4-3c Criteria for Assembling an Acceptable Knowledge Record and Delineating the Waste Stream

CCP-TP-005 describes the process for assembling AK documentation into an auditable record. The first step is to assemble the required AK information and any additional information regarding the materials and processes that generate a specific waste stream. AK records are generated in compliance with the following criteria (T5):

- AK information is compiled in an auditable record, including a road map for applicable information.

- The overview of the facility and TRU waste management operations in the context of the facility's mission is correlated to specific waste stream information.

- Correlations between waste streams, with regard to time of generation, waste generating processes, and site-facilities are described in the AK summary report (Section C4-2b). For newly generated wastes, the rate (or schedule) and quantity of waste to be generated are also maintained in the AK process descriptions compiled in the AK summary report.

- A reference list provided in Section C4-3b that identifies documents, databases, QA protocols, and other sources of information that support AK information.

Container inventories are delineated into waste streams by correlating the container identifications to all of the required AK information and additional information (T5). The CCP assigns a waste matrix code and waste stream description to each container of waste using AK.

C4-3d AK Sufficiency Determination Request Contents (T5)

The CCP may submit an AK Sufficiency Determination Request (Determination Request). The Determination Request shall include, at a minimum.

- A complete AK Summary that addresses the following technical requirements:

  - Executive Summary

  - Waste Stream Identification Summary including a demonstration that the waste stream has been properly delineated and meets the Permit definition of waste stream (Attachment C, Introduction);

  - Mandatory Program Information (including, but not limited to, facility location and description, mission, defense waste assessment, spent nuclear fuel and high-level waste assessment, description of waste generating processes, research/development [as necessary], facility support operations [as applicable], types and quantities of TRU waste generated, correlation of waste streams to buildings/processes, waste identification and categorization, physical form identifiers);

  - Mandatory Waste Stream Information (including, but not limited to, Area and Building of Generation, waste stream volume/period of generation) (including, for newly generated waste, the rate and quantity of waste to be generation), waste generating activities, types of waste generated, material input related to physical form and identification of percentage of each waste material parameter in the waste stream, chemical content information including hazardous constituents and hazardous waste identification, prohibited item content (including documented evidence that the waste meets the TSDF-WAC Permit Sections 2.3.3.1 through 2.3.3.10), waste packaging, presence of filter vents, number of layers of confinement;

  - Types of supporting information gathered;

  - Container specific data (if available and relevant); and

- A complete reference list including all mandatory and additional information.

- An AK roadmap (defined as a cross reference between mandatory programmatic and mandatory waste stream information, with references supporting these requirements).

- A complete reference list including all mandatory and additional documentation.

- Additional relevant information for the required programmatic and waste stream data addressed in the AK Summary, examples of which are presented in Section C4-2c.

- Identification of any mandatory requirements supported only by upper tier documents (i.e., there is insufficient supporting data).

- Description or other means of demonstrating that the AK process described in the Permit was followed (for example, AK personnel were appropriately trained; discrepancies were documented, etc.).

- Information showing that CCP has developed a written procedure for compiling the AK information and assigning hazardous waste numbers as required in Section C4-3b.

- Information showing that CCP has assessed the AK process (e.g., internal audits, Section C4-3b).

C4-3e Requirements for Re-evaluating Acceptable Knowledge Information (T5)

AK includes information on the waste physical form, base materials composing the waste, and the waste generating process. Waste testing (i.e., radiography/VE) may be used to augment AK information prior to waste shipment. If retrievably stored waste must be repackaged, either VE prior to or during waste packaging or radiography after waste packaging, shall be used to confirm acceptable knowledge information.

The WSPF and CIS (including the AK summary) will be reviewed by the Permittees for each waste stream prior to DOE approval of the WSPF. The Permittees review will ensure that the submitted AK information was collected under procedures that ensure implementation of the WAP, provides data sufficient to meet the DQOs in Section C-4a(1), and allow the Permittees to demonstrate compliance with the waste analysis requirements of the Permit. A detailed discussion of the Permittees' waste stream review and DOE's WSPF approval process is provided in Section C-1d.

Re-Evaluation Based on Visual Examination and Radiography

The CCP has established procedures for re-evaluating AK if the results of waste confirmation indicate that the waste to be shipped does not match the approved waste stream, or if data obtained from VE or radiography for waste streams without an AK Sufficiency Determination exhibit this discrepancy. The CCP procedures describe how waste AK is re-evaluated, the waste is reassigned, and appropriate hazardous waste numbers assigned. If the re-evaluation requires that the waste matrix code be changed for the waste stream or the waste does not match the approved waste stream, the following minimum steps are taken to re-evaluate AK:

- Existing information is reviewed based on the container identification number and all differences in hazardous waste number assignments are documented
- If differences exist between the hazardous waste numbers that were assigned, the information is re-assessed, and required AK information associated with the new designation is documented
- Reassess and document all testing data associated with the waste
- The reassignment of the waste matrix code is documented and verified (e.g., verification that the waste was generated within the specified time period, area, and building and waste generating process, and that the process material inputs are consistent with the waste material parameters of waste identified during VE or radiography)
- Changes to AK records are recorded
- If discrepancies exist in the AK information for the revised waste matrix code, the discrepancies are documented in an NCR in accordance with CCP-QP-005. The NCR documents the segregation of the affected portion of the waste stream, and defines the corrective actions necessary to fully characterize the waste.

C4-3f Acceptable Knowledge Data Quality Requirements (T5)

DQOs for testing techniques are described in Section C3. Testing results are used to augment the characterization of wastes based on AK. To ensure the process is consistently applied and ensure that AK information is accurate, complete, and is representative of the waste stream being evaluated, the CCP complies with data quality requirements for AK documentation in Section C3.

The CCP addresses quality control by tracking its performance with regard to the use of AK by:

- Assessing the frequency of inconsistencies among information

- Documenting the results of waste discrepancies identified by CCP during waste confirmation using radiography, review of radiography audio/video recordings, VE, or review of VE records

In addition, the AK process and waste stream documentation is evaluated through internal assessments by QA organizations and assessment by auditors or observers external to the CCP (i.e., DOE-CBFO, NMED, EPA).

C4-3g Audits of Acceptable Knowledge

The DOE conducts an initial audit of the CCP prior to certifying the CCP for shipment of waste to the WIPP. This audit establishes an approved baseline that is reassessed annually by the DOE. The CCP does not certify waste for disposal until all corrective actions have been completed.

C5 QUALITY ASSURANCE PROJECT PLAN REQUIREMENTS

C5-1 Quality Assurance Project Plans

The CCP has developed and implemented this QAPjP to address the applicable waste characterization requirements specified in the WAP (P1). This QAPjP includes the qualitative or quantitative criteria to ensure that waste characterization activities are being performed satisfactorily. The organization(s) and position(s) responsible for implementation of this QAPjP are identified in Section B. Throughout this QAPjP, CCP documents are referenced that detail how each of the required elements of the characterization project are performed.

This QAPjP follows the format of the WAP and is implemented by the CCP through procedures that address TRU waste characterization activities. Compliance with CCP documents ensures that tasks are performed in a consistent manner that results in achieving the quality required under the QA program. The organization, format, content, and designation of the CCP procedures is described in the CCP-QP-010, *CCP Document Preparation, Approval, and Control*.

C5-2 Document Review, Approval, and Control (Q10)

Prior to the implementation of characterization activities, the SPM ensures that written procedures have been developed for implementing the requirements of this QAPjP. Procedures ensure that tasks are performed in a consistent manner and achieve the quality required for the quality assurance program. The SPM is responsible for ensuring that the procedures meet the organization, format, content, and designation of standard operating procedures. CCP procedures are written so that they may be implemented at several sites simultaneously. Site-specific issues such as safety policies, technical specification requirements, or organizational necessities, may require the CCP to prepare site-specific procedures to supplement the procedures used to ensure WAP compliance. These procedures are identified in the SOW or site interface document. These procedures are prepared and controlled as are the other existing CCP operating procedures and are subject to site specific review requirements. As a minimum, the following requirements are addressed in CCP procedures:

- Responsibilities of the organizations affected by the document,
- Technical, regulatory, quality assurance, or other program requirements.
- Sequential description of work to be performed,
- Quantitative or qualitative acceptance criteria sufficient for determining that activities were satisfactorily accomplished.

- Prerequisites, limits, precautions, process parameters, and environmental conditions,
- Special qualifications and training requirements,
- Verification points and hold points,
- Methods for demonstrating that the work was performed as required (such as provisions for recording inspection and test results, checklists, or sign-off blocks), and
- Identification and classification of QA records to be generated by the implementing procedure.

Procedures also include examples of data (e.g., reports, forms, and data validation checklists), as appropriate. Internal review and approval requirements are specified. In addition, CCP procedures are formatted, as follows:

- Purpose
- Scope
- Requirements
- Responsibilities
- Procedures
- Records

CCP procedures are reviewed for consistency with the QAPjP in accordance with the above listed requirements. The SPM is responsible for ensuring that the most current version of all procedures is readily available for use as needed by project personnel after procedures have been reviewed and approved for use.

The SPM ensures that the preparation, issuance, and change to documents that specify quality requirements or prescribe activities affecting quality for the CCP program be controlled to assure that correct and current documents are used and referenced. The CCP uses a document control format consisting of a unique document identification number, current revision number, data, and page number, which will be placed in the header on the individual pages of the document. CCP documents are delineated into five areas: quality procedures, denoted by CCP-QP-XXX; technical procedures, denoted by CCP-TP-XXX; health and safety plans denoted by CCP-HSP-XXX; configuration management denoted by CCP-CM-XXX; and CCP Project Office documents (i.e., this QAPjP), denoted by CCP-PO-XXX. “XXX” denotes a sequential number.

Qualified and independent personnel review all CCP documents (including this QAPjP) prior to approval and issuance. Reviews consider the technical adequacy, completeness, and correctness of CCP documents and the inclusion of and compliance

with the requirements established by the WAP. Approval is indicated by a signature and date page included in the front of the document. The SPM ensures that:

- Revisions to site implementing documents are denoted by including the current revision number and date on the document title page and each page of the document.
- Revised pages are marked in redline/strikeout for expeditious review of the entire document.
- A vertical bar, indicating the change to the text, is included along the left-hand margin of the page, except in the case of full document revisions.
- Revised document submittals identify the changes, the reason for the changes, and the justification for concluding that the revised contents continue to satisfy the requirements of the QA program.
- Revisions that affect performance criteria or data quality (e.g., sampling or analytical methods, QAO, calibration requirements), other than editorial or minor changes, undergo the same level of review and approval as the baseline version of each document. These documents are reviewed and approved by the same functional organizations that performed the original review/approval, unless other organizations are specifically designated in accordance with approved procedures. Editorial or minor changes may be made without the same level of review and approval as the original or otherwise changed documents. The following items are considered editorial or minor changes:
  - Correcting grammar or spelling (provided the meaning has not changed),
  - Renumbering sections or attachments,
  - Updating organizational titles (*A change in an organizational title accompanied by a change in responsibilities is not considered an editorial change*),
  - Changes to non-quality-affecting schedules,
  - Revised or reformatted forms, providing the original intent is not altered, and
  - Attachments marked “Example” or exhibits clearly intended to be representative only

- CCP personnel are responsible for reporting any obsolete or superseded information to the SPM

- All CCP changes are evaluated and approved by the SPM, the appropriate personnel are notified before implementation, and the affected documents are revised as necessary

- Changes that affect performance criteria or data quality, and would take the activity out of compliance because they alter a requirement are not made without prior approval by DOE.

In addition, the SPM is responsible for ensuring that non-administrative changes, non-editorial changes, or changes that could affect performance criteria or data quality, such as sample handling and custody requirements, sampling and analytical testing procedures, quality assurance objectives, calibration requirements, or QC sample acceptance criteria (i.e., those changes that require prior approval of DOE as defined in Section C5-2) shall be reported to DOE within five days of identification by the project level review. The SPM ensures that the document control system is implemented to control the process for initiating, revising, modifying, reviewing, and distributing project documents and changes to project documents. As potential changes to project information are identified by the SPM, documents are revised as necessary and distributed to affected organizations in accordance with this procedure.

C6 AUDIT AND SURVEILLANCE PROGRAM

C6-1 Introduction

The WIPP audit and surveillance program ensures that the CCP conducts testing of wastes in accordance with the current WAP and that waste certification information is being managed properly. The CCP addresses deficiencies identified during the audits. A deficiency is any failure to comply with an applicable requirement of the WAP.

C6-2 Audit Procedures

This section does not apply to the CCP.

C6-3 Audit Position Functions

This section does not apply to the CCP.

C6-4 Audit Conduct

During audit interviews or audit meetings, CCP may be advised of deficiencies identified within their areas of responsibility to establish a clear understanding of the identified condition.

The personnel will be given the opportunity to correct any deficiency that can be corrected during the audit period.

When a deficiency is identified by the DOE audit team, a Corrective Action Report (CAR) is issued to the CCP. The CCP reviews the CAR which is used to evaluate the extent and cause of the deficiency, and submits an approved response to the Permittees indicating remedial actions and actions taken to preclude recurrence. If these responses to the CAR are acceptable, DOE communicates the acceptance to the CCP.

The CCP completes the remedial actions and actions to preclude recurrence and requests DOE to close the CAR. Following the completion of corrective actions, the Permittees may schedule and perform a verification visit to assure that corrective actions have been completed and are effective.

The corrective action response includes a discussion of the investigation performed to determine the extent and impact of the deficiency, a description of the remedial actions taken, determination of root cause, and action taken to preclude recurrence.

The CCP responds to any deficiencies and observations within thirty (30) days of receipt of any CARs and indicates the corrective action taken or to be taken. If the corrective action has not been completed, the response indicates the expected date the action will be completed. CARs applicable to WAP requirements are resolved prior to waste shipment.

C7 TRU WASTE CONFIRMATION

Introduction

This section of the QAPjP describes the actions that the Permittees will take to approve and accept waste for and disposal at the WIPP, including waste confirmation activities. Discussion of the Permittees' actions that are relevant to CCP will be included here. The Permittees demonstrate compliance with the WIPP-WAP by ensuring that the waste characterization processes performed by CCP produce data compliant with the WIPP-WAP and through the waste screening and verification processes. Verification occurs at three levels: 1) the data generation level, 2) the project level, and 3) the Permittee level. The Permittees also examine a representative subpopulation of waste prior to shipment to confirm that the waste contains no ignitable, corrosive, or reactive waste; and that assigned EPA Hazardous Waste Numbers are allowed by the WIPP RCRA Permit. The waste confirmation activities described herein occur prior to shipment of the waste from the CCP to WIPP.

C7-1 Permittee Confirmation of TRU Mixed Waste

This section does not apply to CCP.

C7-1a Permittee Confirmation of a Representative Subpopulation of the Waste

The Permittees will confirm that the waste contains no ignitable, corrosive, or reactive waste through radiography or the use of VE of a statistically representative subpopulation of the waste. Prior to shipment to WIPP, waste confirmation will be performed on randomly selected containers from each CH- and RH-TRU waste stream shipment.

C7-1b Radiography Methods Requirements

This section describes the portion of the Permittees' confirmation program that applies to CCP.

For containers that have been characterized using radiography by CCP in accordance with the method in Section C1-1, the Permittees may perform confirmation by review of CCP's radiography audio/video recordings.

When confirmation is performed by review of audio/video recorded scans produced by CCP as specified in Section C1-1, independent observations will be performed on two waste containers per shipment or two containers per day, whichever is less frequent.

C7-1c Visual Examination Methods Requirements

This section describes the portion of the Permittees' confirmation program that applies to CCP.

VE may also be used as a waste confirmation method by the Permittees. VE shall be conducted by the Permittees in accordance with written standard operating procedures to describe the contents of a waste container. VE shall be conducted to identify and describe all waste items, packaging materials, and waste material parameters. VE may be used by the Permittees to examine a statistically representative subpopulation of the waste certified for shipment to WIPP to confirm that the waste contains no ignitable, corrosive, or reactive waste. This is achieved by confirming that the waste contains no liquid in excess of TSDF-WAC limits or compressed gases, and that the physical form of the waste matches the waste stream description documented on the WSPF. During packaging, the waste container contents are directly examined by trained personnel. This form of waste confirmation may be performed by the Permittees at the waste generator/storage site. VE may be documented on video and audio media, or by using a second operator to provide additional verification by reviewing the contents of the waste container to ensure correct reporting. When VE is performed using a second operator, each operator performing the VE shall observe for themselves the waste being placed in the waste container or the contents within the examined waste container when waste is not removed. The results of all VE shall be documented on data forms.

In order to keep radiation doses as low as reasonably achievable, the Permittees may use their own trained VE operators to perform VE for waste confirmation by reviewing CCP VE data, which includes VE data forms, waste packaging records, and may also include audit/video media. If the Permittees perform waste confirmation by review of video media, the video record of the VE must be sufficiently complete for the Permittees to confirm the Waste Matrix Code and waste stream description, and verify the waste contains no liquid in excess of TSDF-WAC limits or compressed gases. CCP VE video/audio media subject to review by the Permittees shall meet the following minimum requirements:

- The video/audio media shall record the waste packaging event for the container such that all waste items placed into the container are recorded in sufficient detail and shall contain an inventory of waste items in sufficient detail that a trained Permittee VE operator can identify the associated waste material parameters.

- The video/audio media shall capture the waste container identification number.

- The personnel loading the waste container shall be identified on the video/audio media or on packaging records traceable to the loading of the waste container.

- The date of loading of the waste container will be recorded on the video/audio media or on packaging records traceable to the loading of the waste container.

The Permittees may also use their own trained VE operators to perform VE for waste confirmation by reviewing VE data forms or packaging logs prepared by the generator during their packaging of the waste. To be acceptable, the CCP VE data must be signed by two CCP personnel who witnessed the packaging of the waste and must provide sufficient information for the Permittees to determine that the waste container contents match the waste stream description on the WSPF and the waste contains no liquid in excess of TSDF-WAC limits or compressed gases. The Permittees will document their review of CCP VE data on Permittee VE data forms. CCP VE forms or packaging records subject to review by the Permittees shall meet the following minimum requirements:

- At least two generator site personnel shall approve the data forms or packaging records attesting to the contents of the waste container.

- The data forms or packaging records shall contain an inventory of waste items in sufficient detail that a trained Permittee VE operator can identify the associated waste material parameters.

- The waste container identification number shall be recorded on the data forms or packaging records.

VE video media of containers which contain classified shapes shall be considered classified information. VE data forms will not contain classified information.

C7-2 Noncompliant Waste Identified During Waste Confirmation

This section describes the portion of the Permittees' confirmation program that applies to CCP.

If the Permittee identifies noncompliant waste during waste confirmation at a CCP site, (i.e., the waste does not match the waste stream description documented in the WSPF or there is liquid in excess of TSDF-WAC limits or compressed gases) the waste will not be shipped.

The DOE will suspend further shipments of the affected waste stream and issue a CAR to CCP. Shipments of affected waste streams will not resume until the CAR has been closed.

As part of the corrective action plan in response to the CAR, CCP will evaluate whether the waste characterization information documented in the CIS or WSPF for the waste stream must be updated because the results of waste confirmation for the waste stream indicated that the TRU waste being examined did not match the waste stream description. CCP will thoroughly evaluate the potential impacts on waste that has been shipped to WIPP. The DOE will evaluate the potential that prohibited items were shipped to WIPP and what remedial actions should occur, if any. The results of these evaluations will be provided to NMED before shipments of affected waste stream resume. If the CIS and/or WSPF requires revision, shipments of the affected waste stream shall not resume until the revised waste stream waste characterization information has been reviewed and approved by the DOE. If CCP certifies noncompliant waste at a site more than once during a running 90-day period, the DOE will suspend acceptance of CCP's waste from that CCP site until the DOE finds that all corrective actions have been implemented and the site complies with all applicable requirements of the WIPP-WAP.

C8 REFERENCES

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ACRONYMS AND ABBREVIATIONS

AK	acceptable knowledge
BDR	Batch Data Report
CAR	Corrective Action Report
CBFO	Carlsbad Field Office
CCP	Central Characterization Program
CFR	Code of Federal Regulations
CH	contact-handled
CIS	Characterization and Information Summary
DA	data administrator
DOE	U.S. Department of Energy
DQO	data quality objective
EPA	U.S. Environmental Protection Agency
HWA	New Mexico Hazardous Waste Act
HWDU	Hazardous Waste Disposal Unit
HWFP	Hazardous Waste Facility Permit
ID	identification number
INL	Idaho National Laboratory
kV	kilovolts
LDR	Land Disposal Restrictions
nCi	nanocuries
NCR	nonconformance report
NDE	nondestructive examination
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NWP	Nuclear Waste Partnership
OJT	on-the-job training
PCB	polychlorinated biphenyls
PDP	Performance Demonstration Program
QA	quality assurance
QAO	quality assurance objective
QAPD	Quality Assurance Program Document
QAPjP	quality assurance project plan
QC	quality control
RCRA	Resource Conservation and Recovery Act
RH	remote-handled
RIDS	records inventory and disposition schedule
SLB2	standard large box 2
SOP	standard operating procedure
SOW	Statement of Work
SPM	site project manager
SRS	Savannah River Site
SWB	standard waste box
TDOP	ten-drum overpack
TRU	transuranic

ACRONYMS AND ABBREVIATIONS (Continued)

TRUCON	*TRUPACT Content (Code)*
TSDF-WAC	*Treatment, Storage, and Disposal Facility Waste Acceptance Criteria*
TWBIR	*Transuranic Waste Baseline Inventory Report*
VE	visual examination
VOC	volatile organic compound
WAP	Waste Analysis Plan
WDS	Waste Data System
WIPP	Waste Isolation Pilot Plant
WSPF	Waste Stream Profile Form
WWIS	WIPP Waste Information System

Attachment 1 – Implementing Procedures

Reference Number	Procedure Number	Procedure Title
Q1	CCP-QP-001	CCP Graded Approach
Q2	CCP-QP-002	CCP Training and Qualification Plan
Q5	CCP-QP-005	CCP TRU Nonconforming Item Reporting and Control
Q8	CCP-QP-008	CCP Records Management
Q10	CCP-QP-010	CCP Document Preparation, Approval, and Control
Q14	CCP-QP-014	CCP Quality Assurance Trend Analysis and Reporting
Q15	CCP-QP-015	CCP Procurement
Q16	CCP-QP-016	CCP Control of Measuring and Testing Equipment
Q17	CCP-QP-017	CCP Identification and Control of Items
Q18	CCP-QP-018	CCP Management Assessment
Q19	CCP-QP-019	CCP Quality Assurance Reporting to Management
Q21	CCP-QP-021	CCP Surveillance Program
Q22	CCP-QP-022	CCP Software Quality Assurance Plan
Q23	CCP-QP-023	CCP Handling, Storage and Shipping
Q26	CCP-QP-026	CCP Inspection Control
Q27	CCP-QP-027	CCP Test Control
Q28	CCP-QP-028	CCP Records Filing, Inventorying, Scheduling, and Dispositioning
Q29	CCP-QP-029	CCP Corrective Action Management
Q30	CCP-QP-030	CCP Written Practice for the Qualification of CCP Helium Leak Detection Personnel
Q40	CCP-QP-040	Support Training
T1	CCP-TP-001	CCP Project Level Data Validation and Verification

Attachment 1 – Implementing Procedures (Continued)

Reference Number	Procedure Number	Procedure Title
T2	CCP-TP-002	CCP Reconciliation of DQOs and Reporting Characterization Data
T5	CCP-TP-005	CCP Acceptable Knowledge Documentation
T6	CCP-TP-006	CCP Visual Examination Technique for Idaho National Laboratory (INL) Newly Generated TRU Waste
T28	CCP-TP-028	CCP Radiographic Test Drum and Training Container Construction
T30	CCP-TP-030	CCP CH TRU Waste Certification and WWIS/WDS Data Entry
T53	CCP-TP-053	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
T86	CCP-TP-086	CCP CH Packaging Payload Assembly
T113	CCP-TP-113	CCP Standard Contact-Handled Waste Visual Examination
T163	CCP-TP-163	CCP Evaluation of Waste Packaging Records for Visual Examination of Records
T500	CCP-TP-500	CCP Remote-Handled Waste Visual Examination
T508	CCP-TP-508	CCP RH Standard Real-Time Radiography Inspection Procedure
T512	CCP-TP-512	CCP Remote-Handled Waste Sampling
T530	CCP-TP-530	CCP RH TRU Waste Certification and WWIS/WDS Data Entry

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CCP-QP-002

Revision 39

CCP
Training and Qualification Plan

EFFECTIVE DATE: 04/14/2015

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
9	02/20/2002	Major rewrite to streamline and create a more concise procedure. Document reduced from 57 pages to 16 pages.
10	06/05/2002	Added References. Changes to CCP Technical Supervisor responsibilities. Added Training Evaluations to Records section. Deleted 4.2.5 Audit Personnel Qualifications. Other changes for clarification and consistency.
11	09/12/2002	Deleted Sections 3.3.2 and 3.3.3.
12	10/24/2002	Added Steps 3.8.2 and 3.8.3 in response to SRS Recertification Audit.
13	06/30/2003	Added NDE RTR Section, revised qualification letter and other minor editorial changes. Separated electronically fillable forms and updated references in procedure.
14	12/02/2003	Revision initiated to address CAR# 04-002 identified during CBFO audit A-04-03 and CAR# CCP-0009-03. Added information about RTR audio/videotapes and Capability Demonstrations. Added paragraph 4.2.3[A.5] discussing qualification card addenda. Added section 4.2.4[C] discussing FQAO appointment requirements.
15	03/10/2004	Added Capability Demonstration Instructions (Attachment 2) and CCP Capability Demonstration Data Sheet (Attachment 3 or CCP-QP-002-A1).
16	12/07/2004	Deleted the Technical Supervisor responsibilities section and incorporated them into the Vendor Project Manager responsibilities. Added partial qualification section. Removed requirement for the Site Project Manager to appoint the Facility Quality Assurance Officer by letter.
17	06/06/2005	Addressed CAR 05-029 and CAR 05-033 identified during Carlsbad Field Office (CBFO) Audits A-05-09 and A-05-12. Areas modified were qualification requirements for Nondestructive Assay (NDA) Expert Analyst and examination requirements for Central Characterization Project (CCP) Helium Leak Detection (HLD) Level III.
18	12/13/2005	Clarified roles and responsibilities in reviewing Capability Demonstration training audio/video media and modified Attachment 3 – CCP Capability Demonstration Data Sheet.
19	12/15/2005	Clarification for Level of Qualification in step 4.2.2[B.1].

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
20	05/03/2006	Addressed CAR-RHINL-0001-06. Incorporated Remote-Handled waste training and position requirements. Restructured for improved flow.
21	06/13/2006	Updated step 4.2.5 to delete the word “training” from the requirements for VE Operator/ITR/TS/FQAO.
22	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR). Addressed Carlsbad Field Office (CBFO) Document Review Record (DRR) comments.
23	02/01/2007	Revised to address CCP Quality Assurance Surveillance Number SUR-CCP-0005-06.
24	02/27/2007	Revised to address concern raised during Surveillance #S-07-18.
25	05/08/2007	Revised to address Corrective Action Report (CAR) SRS-0002-07.
26	02/07/2008	Revised to address U.S. Department of Energy (DOE) Carlsbad Field Office (CBFO) Corrective Action Report (CAR) 08-004.
27	09/30/2008	Revised to change nondestructive examination (NDE) to comply with Management Assessment MA-CCP-0023-08. Also revised Section 5.1.1[J] in response to Carlsbad Field Office (CBFO) Corrective Action Report (CAR) 08-036.
28	05/26/2010	Revised to address Corrective Action Report (CAR)-CCP-0012-09, to clarify Acceptable Knowledge (AK) briefings, training for solids lab, and approval process for training material. References to Central Characterization Project (CCP) Program Manager/Project Manager were removed and the responsibilities assigned to the Lead Site Project Manager and CCP Manager responsible for Training.
29	07/08/2010	Revised to incorporate changes into Attachment 4, CCP Test Drum Data Sheet for Contact-Handled Waste, and other minor editorial changes.
30	12/29/2010	Revised to bring into compliance with the revision of the Waste *Isolation Pilot Plant Hazardous Waste Facility Permit.*

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
31	04/21/2011	Revised based on Revision 2 of the DOE/WIPP 02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*.
32	04/03/2012	Revised to simplify the process for tracking waste stream Summary Training in Section 4.2. Added full requalification as an option in Section 4.1.2 [l]. Added the Training Module in Integrated Data Center (IDC) as a source of Training information to the note in Section 4.1. Incorporated Standing Orders CCP-SO-051 in Section 4.4.1[C], CCP-SO-069 in Section 4.2, and CCP-SO-078 in Section 4.1.2[F]. Expanded Section 4.1.1 to add a documented analysis of positions requiring qualification, in response to Carlsbad Field Office (CBFO) Corrective Action Report (CAR) 12-010.
33	08/30/2012	As a corrective action in response to CBFO CAR 12-033, revised the document to remove references to Lead SPMs and Alternate SPMs, so that any qualified SPM may perform the actions in Section 3.1.
34	01/30/2013	Revised to incorporate Standing Order CCP-SO-086, *Clarification of the Time Period for Performance of the RTR Semiannual Training Container Required by CCP-QP-002*; incorporate changes to DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*; update the title of the organization, as appropriate; and minor editorial changes.
35	06/06/2013	Revised to implement the Permit Modification Request Class 2 approved by New Mexico Environment Department (NMED) dated March 13, 2013 and CAR-CCP-0003-13.
36	03/31/2014	Revised to incorporate changes in response to U.S. Environmental Protection Agency (EPA) Issue Tracking Form ORNL-CCP-CC-RTR-2014-02CR: adding a requirement for a written record for the Training Container, to be filled out by the operator for the review by the Cognizant Engineer (CE), and adding a place on the Training Container evaluation sheet for operator acknowledgement of counseling for any missed items. Also incorporated Standing Order CCP-SO-110.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
37	05/12/2014	In response to Carlsbad Field Office of the Department of Energy (CBFO) corrective active report (CAR) 14-030, revised the NOTE in Section 3.4 to clarify that the preferred method for determining an Subject Matter Expert (SME)/On-the-Job Training (OJT) candidate's education and experience is by reviewing the individual's resume, but whatever method is used must be explicitly stated in the documentation provided to Training by the site project manager (SPM). Also added a new Attachment 7 as a template for appointment letters to be issued by the SPM, which may be customized as necessary.
38	08/07/2014	Update the title of the organization from National TRU Program Certification (NTPC) to Central Characterization Program (CCP), clarify when Attachment 7, SPM Appointed Letter, is to be used, allow the acceptable knowledge expert (AKE) to give the waste stream summary training in addition to the Site Project Manager (SPM), add written notifications to the Records Section, delete the Operator/Independent Technical Reviewer (ITR) box in Attachment 7. Reorganized Section 4.3.2 to improve the flow of the sequence in steps.
39	04/14/2015	Revised to expand the section on training material, which now requires prior Central Characterization Program (CCP) Training review of training materials developed in response to conditions adverse to quality identified in Carlsbad Field Office (CBFO) Corrective Action Reports (CARs) and Nuclear Waste Partnership (NWP) Waste Isolation Pilot Plant (WIPP) Forms. Revised Attachment 1, Minimum Training and Education Requirements, to reflect upper-tier documents governing training-related requirements. Re-organized Sections 4.3 and 4.4 to improve process flow.

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1.0 PURPOSE

NOTE

CCP-QP-040, *Support Training,* applies to those activities that do not fall under the scope of CCP-QP-002, *CCP Training and Qualification Plan* as defined herein. CCP-QP-040 applies to those positions which are not covered by the baseline documents listed in Section 2.1 of this document.

This plan describes the responsibilities of personnel involved in the Central Characterization Program (CCP) Qualification and Training Program. This plan also describes the process for identifying qualification and training requirements for all personnel and technical support personnel, who perform characterization, packaging, certification, and activities.

1.1 Scope

This plan applies to all personnel who conduct quality-affecting activities associated with transuranic (TRU) waste under the CCP, including characterization, packaging, certification, and transportation.

Personnel under this plan are qualified and trained to ensure suitable proficiency is achieved and maintained for assigned tasks. Training and qualification requirements are commensurate with the nature of the activities and level of responsibility.

Training will emphasize the correct performance of work, provide a description of why quality, safety, and TRU waste characterization and certification requirements exist, and describe the fundamentals of the work and its context.

Training will be subject to an on-going evaluation to determine instruction and training program effectiveness and will be upgraded whenever needed improvements or enhancements are identified.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- DOE/WIPP 02-3183, *CH Packaging Program Guidance*
- DOE/WIPP 02-3184, *CH Packaging Operations Manual*
- DOE/WIPP 02-3185, *CH Packaging Maintenance Manual*
- NRC Docket 71-9212, *RH-TRU 72-B Safety Analysis Report*, Rev. 3, November 2002
- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods For Payload Control (CCP CH-TRAMPAC)*

Referenced Documents

- DOE/WIPP 02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
- ASNT SNT-TC-1A, *Recommended Practice for Personnel Qualification and Certification in Nondestructive Testing,* American Society for Nondestructive Testing (1980 Edition)
- ASTM C1490, *Standard Guide for the Selection, Training, and Qualification of Nondestructive Assay (NDA) Personnel*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-QP-030, *CCP Written Practice for the Qualification of CCP Helium Leak Detection Personnel*
- CCP-QP-032, *CCP Written Practice for the Qualification of CCP Pressure Change Leak Testing Personnel*

- CCP-QP-040*, Support Training*
- CCP-TP-028, *CCP Radiographic Test Drum and Training Container Construction*
- WP 15-GM1002, *Issues Management Processing of WIPP Forms, Management Control Procedure*

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3.0 RESPONSIBILITIES

3.1 Site Project Manager (SPM)

3.1.1 Oversees planning, characterization, and certification activities.

3.1.2 Ensures personnel are qualified and trained to perform their assigned job functions.

3.1.3 Determines initial and continuing qualification and training requirements in cooperation with appropriate Cognizant Engineer (CE), Manager Responsible for Training, and Training to ensure job proficiency is maintained.

NOTE

Staffing changes includes situations where individuals are brought into or re-assigned in the program (these qualified positions can be either project level or operational level).

3.1.4 Notifies Training of staffing changes and candidates for job positions and provides supporting documentation (e.g., resumes, certificates, diplomas, training records).

3.1.5 Verifies education/experience requirements for Nondestructive Assay (NDA) Expert Analysts (EA).

NOTE

Attachment 7, SPM Appointment, is a template to be used by the Site Project Manager (SPM) when appointing NDA EA(s), Remote-Handled (RH) Technical Staff, Subject Matter Experts (SME), or Visual Examination Experts (VEE). As a template/outline, it may be customized by the SPM, as necessary.

3.1.6 Using Attachment 7, appoints the following based on education and experience, as applicable:

[A] NDA EA

[B] RH Technical Staff

[C] Qualified personnel as SME/On-the-Job Training (OJT) Instructors

[D] VEE

3.1.7 Reviews and approves qualification cards.

3.1.8 Ensures project personnel who are assigned to perform project activities that affect quality:

[A] Are cognizant of the qualification and training requirements of this plan.

[B] Satisfy qualification and training requirements for the tasks associated with their assigned job classification(s).

3.1.9 Ensures the requirements of this plan are implemented, as follows:

[A] Personnel receive training and qualification, as necessary, to achieve initial proficiency, maintain proficiency, and adapt to changes in technology, methods, job responsibilities, and quality implementing procedures, prior to performing or verifying any waste characterization, certification, or transportation activities.

3.1.10 Ensures qualification and training documentation is complete and is submitted to Training.

3.1.11 Evaluates and documents personnel job performance at periodic intervals (as a minimum, during requalification).

3.1.12 Notifies the Manager Responsible for Training when full requalification is required (e.g., when an individual has been disqualified for unsatisfactory performance).

3.1.13 Analyzes positions to determine major job/task responsibilities as a basis for preparation of qualifications cards (shared responsibility).

3.2 Vendor Project Manager (VPM)

3.2.1 May administer the annual eye examination.

3.2.2 Ensures Training will be notified when qualified operations personnel leave the program (e.g., a subcontractor's employment has been terminated).

3.3 Training

3.3.1 Determines initial and continuing qualification and training requirements for positions in cooperation with an appropriate SME/OJT Instructor, the CE, a SPM, and the Manager Responsible for Training using a graded approach that is commensurate with scope, complexity, and nature of the work to include:

[A] Descriptions of the fundamentals of the work and the context in which the work is performed.

[B] Identification of the applicable quality and safety requirements related to job performance.

[C] Emphasis on the correct performance of work in accordance with established procedures and/or other relevant technical documents.

[D] Inclusion of education in both principles and enhancement of skills.

3.3.2 Supports an SPM in evaluating training and qualification requirements of each position. This may be done by, but is not limited to, evaluating training requirements using a training analysis. The analysis will result in an approved task list from which tasks may or may not be selected for training. When completed, the analysis will be signed by participants.

3.3.3 Develops, implements, and monitors training required to maintain qualification of personnel.

3.3.4 Ensures project-required training effectiveness is reviewed when the need for improvements or enhancements is identified, and ensures the training program is updated.

3.3.5 Maintains documentation of current personnel training status.

3.3.6 Issues approved training materials and assists in the completion of qualifications and training activities.

3.3.7 Prepares qualification cards.

3.3.8 Returns incomplete/incorrect training materials to candidate's manager, as applicable.

3.3.9 Provides qualification cards to an SPM for review and approval.

3.3.10 Ensures qualification/training records and supporting documentation (including audio/video recorded media for test drums and training containers) are maintained, secured, and controlled in accordance with CCP-QP-008, *CCP Records Management*.

3.3.11 Prepares list of qualified individuals (LOQIs) delineating those individuals who have completed qualification cards, and distributes to the applicable site.

3.3.12 Reviews, develops, and approves Comprehensive Examinations for thoroughness and adequacy.

3.3.13 Analyzes positions to determine major job/task responsibilities as a basis for preparation of Qualifications Cards (shared responsibility).

3.4 SME/OJT Instructor

NOTE

Before any OJT can be performed, it is necessary to initially qualify one SME/OJT Instructor for each discipline based on education and experience. The basis for SME/OJT Instructor qualification will be provided by an SPM and documented in the applicable Training files. The normal and preferred method for determining an SME/OJT candidate's education and experience is by reviewing the individual's resume, but whatever the method, it must be explicitly stated on Attachment 7, which is provided to Training by the SPM. The qualification is by discipline and is non-site specific. The basis for qualification will be used to complete a qualification card for the candidate as an SME/OJT Instructor. The successful candidate will be added to the appropriate LOQI(s) once the qualification card is complete.

The SME/OJT Instructor will have adequate education and/or technical knowledge in the applicable discipline, communication skills, and ability to provide trainees with hands-on experience, as determined by an SPM. Technical knowledge may be based on experience with the applicable process or involvement in development of operational procedures or qualification requirements for the applicable process.

The Mobile Loading Unit (MLU) Field Operations Manager (or designee) will appoint SME/OJTs for Transportation activities.

All SME/OJT candidates must complete the SME/OJT briefing and pass the SME/OJT exam.

3.4.1 Provides supervised hands-on training in the work environment to accomplish performance objectives of the training tasks.

3.4.2 Determines initial and continuing qualification and training requirements for CCP positions in cooperation with an SPM, the CE, the Manager Responsible for Training, and Training.

3.4.3 Ensures trainee(s) have satisfactory knowledge of and competence in skills requirements, as defined on the qualification card.

3.4.4 Verifies the correct revision of the qualification card is being used.

3.4.5 Signs and dates qualification card, indicating acceptable performance levels are met.

3.4.6 Provides all training documentation generated to Training in accordance with CCP-QP-008.

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3.4.7 Analyzes positions to determine major job/task responsibilities as a basis for preparation of Qualifications Cards (shared responsibility).

3.5 Personnel

3.5.1 Provides copies of their qualification documents (e.g., resumes, education, and experience) to an SPM or Training, as applicable.

3.5.2 Completes initial training in accordance with this procedure, as stated on each individual's qualification card.

3.5.3 Ensures qualification requirements are completed and signed off before performing assigned tasks without supervision.

3.5.4 Maintains requisite qualifications throughout the duration of work.

3.5.5 Attends CCP and site-specific training, as necessary.

3.6 Trainee

3.6.1 Completes qualification card(s) in a timely manner.

3.6.2 Works only under the supervision of a qualified operator or a SME/OJT Instructor.

3.7 Manager Responsible for Training

3.7.1 Reviews and approves all training material for applicability and technical content.

3.7.2 Determines when full requalification is required.

3.8 Cognizant Engineer (CE)

NOTE

A CE is not required for Transportation or acceptable knowledge (AK).

3.8.1 The CE is designated for each specific process by the CCP Manager based on their education, knowledge, and experience for the characterization process.

3.8.2 The CE has overall responsibility for the implementation and quality of the characterization activity.

3.8.3 The CE reviews material developed by Training for applicability and technical content.

3.8.4 Analyzes positions to determine major job/task responsibilities as a basis for preparation of qualifications cards (shared responsibility).

3.8.5 Reviews and evaluates training containers for real-time radiography (RTR) personnel, as applicable.

3.8.6 Evaluates the training documentation for RTR personnel and determines if they meet the requirements for certification, as applicable.

4.0 PROCEDURE

4.1 General Training Requirements

NOTE

The Training Module in the Integrated Data Center (IDC) provides information that may be used to update and maintain the information in documents provided by training, such as the LOQI. Such usage will be described in the applicable sections of this procedure.

4.1.1 Personnel selected to perform or verify CCP activities will have the education, experience, and training commensurate with job position requirements. The need for job position qualification cards will be determined by an SPM, the CE (if applicable), and Training.

4.1.2 Job position requirements will be analyzed and documented to determine the major duties and tasks associated with the position, as a basis for developing the qualification card for each activity requiring qualification. The analyses will be performed by an SPM, a SME/OJT Instructor, the CE (if applicable), and Training.

4.1.3 A separate analysis may not be required for new positions where the major duties and tasks are closely-related to those for an existing, already-analyzed position. This determination will be made and documented by the performers identified above.

4.2 Qualification Cards

4.2.1 For those positions that require a qualification card, training candidates are required to complete a qualification card to verify they possess the knowledge and skills necessary to competently perform specified tasks.

4.2.2 Qualification cards technical content will be determined by a SME/OJT Instructor, the CE (if applicable), the Manager Responsible for Training, and an SPM based on project requirements and federal and state regulations to verify training candidates possess the knowledge and skills necessary to competently perform specified tasks.

NOTE

The qualification cards for Helium Leak Detection Personnel are issued in accordance with CCP-QP-030, *CCP Written Practice for the Qualification of CCP Helium Leak Detection Personnel*. The qualification cards for Pressure Change Leak Testing (PCLT) personnel are issued in accordance with CCP-QP-032, *CCP Written Practice for the Qualification of CCP Pressure Change Leak Testing Personnel*.

4.2.3 All qualification cards shall be issued by Training.

4.2.4 The SME will verify current revision.

4.2.5 Training will verify that prerequisites are met.

4.2.6 Upon completion of the qualification card, candidates are considered qualified to perform their respective duties.

4.2.7 The qualification cards will contain the following information:

[A] Name of job position.

[B] Revision number and effective date.

[C] Trainee's name.

[D] Signature spaces for approvals of format, technical content, and use by a SME/OJT, the CE, an SPM, and the Manager Responsible for Training, as applicable.

4.2.8 The qualification card will be divided into the following parts, as applicable:

[A] Education/Experience.

[B] Job Specific Training (which may include):

- Indoctrination/Orientation
- Initial Reading
- Formal Training
- National Standards Certifications
- OJT
- Signature line and date for trainee
- Approval section for a SME/OJT
- Approval section for an SPM

4.2.9 If a qualification card requires changes, the following is performed:

[A] Training, prepare the revised qualification card, using the next sequential revision number.

[B] Training, route the revised qualification card to the following for review and approval: a SME/OJT, the CE (if applicable), an SPM, and the Manager Responsible for Training.

[C] Training, upon approval, place a new effective date on the qualification card and issue the qualification card.

4.3 Requalification

NOTE

Requalifications are due by the end of the month in which the qualification period falls, unless a specific date is listed on the qualification card.

4.3.1 Operational Positions (e.g., RTR, NDA, etc.) require requalification every two (2) years. Exceptions are: Helium Leak Detection (HLD) Level III (Limited) and Pressure Change Leak Testing (PCLT) Level III (Limited) have a three year requalification requirement. If necessary, additional training may be required by an SPM, or the Manager Responsible for Training. The sections of the qualification card that must be performed during each requalification are identified on the qualification cards.

4.3.2 Requalification of Project Office positions is not required.

4.4 Disqualification

4.4.1 Unsatisfactory performance will result in disqualification by the SPM.

4.4.2 The SPM will notify the Manager Responsible for Training.

4.4.3 The Manager Responsible for Training will direct CCP Training to remove the individual from the LOQI (if required) and to update the training file and IDC.

4.5 Requalification after Disqualification or Extended Absence

NOTE

Full requalification is required when an individual has not been performing the qualified function for a significant period of time, or has been disqualified. Typically, full requalification would apply after an absence from the position of more than one year; however, there may be extenuating circumstances and each occurrence is reviewed and documented on a case-by-case basis by the SPM and the Manager Responsible for Training.

4.5.1 The SPM notifies training to issue the qualification card.

4.5.2 The trainee must successfully complete a full requalification (i.e., repeat the entire qualification card) to re-establish qualification.

4.6 Training Material

NOTE

Completion of the Waste Isolation Pilot Plant (WIPP) Waste Acceptance Plan (WAP)/Quality Assurance Project Plan (QAPjP) Briefing is a pre-requisite for all personnel before they perform *Waste Isolation Pilot Plan-Waste Analysis Plan* (WIPP-WAP) specific tasks.

4.6.1 Approved training material shall be maintained, secured, and controlled by Training.

4.6.2 New or revised formal training materials, (e.g., the WAP/QAPjP Briefing) shall be approved for format, technical content, and use by an SPM, the Manager Responsible for Training, and the CE, if applicable.

4.6.3 Training material required as a result of a condition adverse to qualify identified in Carlsbad Field Office (CBFO) Corrective Action Reports (CARs) or Nuclear Waste Partnership (NWP) WIPP Forms shall be reviewed by CCP Training prior to being approved by the assigned Responsible Manager.

4.6.4 Informal briefings and waste stream summary training briefings do not require prior review or approval.

4.7 Waste Stream Summary Training

NOTE
RTR and visual examination (VE) personnel shall be trained on newly developed and revised waste stream reports which change the waste generating processes, packaging, and waste material parameters (WMP) expected to be found in each Waste Matrix.

4.7.1 SPM, forward the newly-issued or revised AK to the Vendor Project Manager (VPM) at the Host location where the AK applies.

4.7.2 SPM, in conjunction with Acceptable Knowledge Expert (AKE), develop the AK training in the form of a briefing which identifies as a minimum the following:

- Specific waste generating processes
- Packaging
- WMP for the waste matrix code

4.7.3 SPM or AKE, provide the briefing to the required RTR and VE personnel.

4.7.4 SPM or AKE, submit the briefing materials and the completed briefing sheet(s) (or personnel can send individual e-mail acknowledgements) to Training.

4.7.5 Training, update the LOQI for all personnel who received the briefing, showing that they are qualified to perform work on the identified waste stream.

[A] Remove the qualified status for the identified waste stream from the LOQI when either:

[A.1] The SPM so directs, because the waste stream is no longer active, or

[A.2] The Training Module in the IDC shows that the waste stream is no longer active.

4.8 Specific Training, Qualification and Requalification (if applicable) Requirements.

4.8.1 AKE's are personnel assigned to compile, evaluate, and resolve discrepancies associated with AK information. AKE's require the following:

[A] WIPP-WAP Briefing.

[B] CCP-PO-002, *CCP Transuranic Waste Certification Plan* knowledge.

[C] DOE/WIPP 02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan* knowledge.

[D] Training on Federal and State Resource Conservation and Recovery Act (RCRA) regulations associated with solid and hazardous waste determinations. Training requirement will be satisfied by documented completion of a formal RCRA training program (e.g., a commercially available RCRA seminar), or an SPM's documented evaluation of adequate training and/or experience.

[E] Knowledge of procedures associated with:

(a) Waste characterization using AK.

(b) AK records development including AK discrepancy resolution.

(c) Nonconformance Report (NCR) process in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*.

(d) WIPP Form process, in accordance with WP 15-GM1002, *Issues Management Processing of WIPP Forms, Management Control Procedure*.

[F] Knowledge of resolving and managing prohibited items as noted in nonconformance reporting.

4.8.2 RTR Operator/Independent Technical Reviewer (ITR)

[A] Personnel considered for qualification in RTR must have sufficient education, training, and experience to ensure understanding of the principles and procedures.

[B] Education requirements are listed in Attachment 1, Minimum Training and Education Requirements. Personnel being considered for qualification as an RTR Operator/Independent Technical Reviewer (ITR) will complete training to become familiar with the principles and practices of the applicable RTR method.

[C] Any previous training and experience gained in a position similar to the RTR Operator/ITR position may be considered in satisfying the qualification criteria of this procedure and shall be documented in the Training file (i.e., resume).

[D] All RTR personnel will be trained to the guidance of American Society for Nondestructive Testing (ASNT) Recommended Practice Number SNT-TC-1A, *Recommended Practice for Personnel Qualification and Certification in Nondestructive Testing,* modified to suit the RTR application/method.

[D.1] A certificate from an approved vendor, stating that the individual operator is a certified RTR operator Level II (L) SNT-TC-1A, will be provided to Training.

[E] An individual qualifying as an RTR Operator/ITR is considered a trainee. A trainee will work only under the supervision of a qualified operator or SME/OJT Instructor.

[F] To be considered for qualification as an RTR Operator/ITR, the trainee must pass the required examinations (as listed in Section 4.8.2 [G]below) and complete the qualification card.

[G] Examinations

NOTE

Eye Exams are due by the end of the month in which the examination was given.

[G.1] Eye Examination: All trainees will pass an initial eye examination to ensure natural or corrected near-distance acuity in at least one eye.

(a) The trainee must be capable of reading Jaeger Number 2 at a distance of not less than twelve (12) inches on a standard Jaeger test chart.

(b) The eye examination will demonstrate the capability of distinguishing and differentiating contrast used in RTR.

(c) The eye examination will be administered on an annual basis and the results maintained in the Training files.

(d) VPMs at each site may administer the eye examination.

[G.2] Comprehensive Examination: Pass a program-specific comprehensive exam with an 80 percent or better grade that addresses radiography operations, documentation, characterization, and procedural elements.

[G.3] Training Container

NOTE

A Training Container is required by contact-handled (CH) and RH operators at initial qualification, requalification, and semi-annually. The nominal period for performance of the Training Container is every six months, due by the end of the month of the sixth month from the date the Training Container was successfully passed.

The Training Container will contain items which can be identified by RTR, are representative of the physical properties of the waste based on AK documentation reviewed, and prohibited items.

(a) At initial qualification, requalification, and semiannually, successfully examine a Training Container and identify 100 percent of the items required to meet the Data Quality Objectives (DQO's). The Nondestructive Examination (NDE) CE will review the audio/video recording to ensure the operator's interpretations remain consistent and accurate.

(b) Instructions and documentation required for Training Containers is as follows:

(b.1) Attachment 4, Training Container Instructions

(b.2) Attachment 2, CCP NDE Training Container Inventory Sheet (from CCP-TP-028, *CCP Radiographic Test Drum and Training Container Construction*)

(b.3) Attachment 5, Training Container Data & Evaluation Sheet

(b.4) Audio/video recorded media of the Training Container

(c) The NDE CE or an SPM may request an extension of the period between performances of the Training Container for up to one additional month (for a total of seven months between Training Containers, beginning with the date the examination was reviewed and approved by the CE).

(c.1) Upon receipt of a written request from the SPM or NDE CE, Training will extend the Training Container due date for the operator on the LOQI.

(c.2) The request will be retained by Training.

(c.3) When Training receives evidence the operator has satisfactorily completed the Training Container, Training will enter a due date for the next Training Container that takes into account the earlier extension (e.g., five month due date, not six month).

(c.4) If the operator exceeds the one month extension due date on the LOQI, Training will remove the individual from the LOQI until the Training Container has been successfully completed.

(c.5) Extension is not permitted at the time of requalification.

[G.4] Test Drum

NOTE

The requirement for completing the test drum defined in the Waste Characterization Program Implementation Plan (WCPIP) is met by successfully completing the Training Container.

Test Drums are due by the end of the month in which the qualification period falls.

(a) At initial qualification and subsequent requalification, successfully examine a test drum that includes items common to the waste

streams and is representative of the waste matrix codes and WAC required items.

(b) Instructions and documentation required for test drums are as follows:

(b.1) Attachment 2, Test Drum Instructions for Contact-Handled Waste Drums.
(b.2) Attachment 1, CCP NDE Test Drum Inventory Sheet (from CCP-TP-028).

(b.3) Attachment 3, Test Drum Data Sheet for Contact-Handled Waste.

(b.4) Audio/video recorded media of the test drum.

NOTE
Certification of RTR Operator/ITR personnel is documented on the completed qualification card.

[H] Qualification

[H.1] Successful qualification of the RTR Operator/ITR is documented by completing the qualification card.

[H.2] To maintain qualifications, the CH and RH RTR Operator/ITR must:

(a) Successfully perform a Training Container semiannually, documented on Attachment 5.

(b) Successfully complete an annual eye examination.

[I] Requalification

[I.1] Requalification is based on evidence of satisfactory performance of a test drum, a training container, and passing a comprehensive exam with a grade of 80 percent or better once every two years.

[I.2] If necessary, additional training may be required by a SME/OJT, an SPM, the CE, or the Manager Responsible for Training.

[J] Upon successful qualification, an RTR Operator/ITR will:

[J.1] Be able to set up and operate equipment, and be qualified to interpret and evaluate results with respect to applicable codes, standards, and specifications.

[J.2] Be thoroughly familiar with the scope and limitations of RTR.

[J.3] Exercise the responsibility for OJT and apprenticeship of trainees.

[J.4] Be able to prepare written instructions.

[J.5] Be able to organize Batch Data Reports (BDRs) with the results of RTR.

4.8.3 Transportation personnel who require qualification in HLD are trained in accordance with CCP-QP-030 and documented on Attachment 1, CCP HLD Qualification Card of CCP-QP-030.

4.8.4 Transportation personnel who require qualification in PCLT are trained in accordance with CCP-QP-032 and documented on Attachment 1, CCP PCLT Qualification Card of CCP-QP-032.

4.8.5 VE Operator/ITR

[A] For the initial qualification and subsequent requalification, the Operator/ITR must:

[A.1] Pass comprehensive exam with an 80 percent or better grade that addresses VE operations, documentation, characterization, formal training elements, and procedural elements.

[A.2] Demonstrate capability in the presence of the VEE during OJT. However, the formal and OJT training is conducted by a qualified SME.

4.9 Appointments

4.9.1 For NDA EA candidate(s), an SPM will perform the following:

[A] Review the training files for an undergraduate degree in physical science or engineering and five years NDA experience; or ten equivalent years of experience in the NDA field, in accordance with ASTM C1940, *Standard Guide for*

the Selection, Training and Qualification of Nondestructive Assay (NDA) Personnel.

[B] Provide written notification to Training delineating the candidate's qualifications and experience, using Attachment 7.

4.9.2 For RH Technical Staff candidate(s), an SPM will perform the following:

[A] Provide written notification to Training delineating the candidate's qualifications and experience, using Attachment 7.

4.9.3 For SME candidate(s), an SPM will perform the following:

[A] Review the training files for education and experience.

[B] Provide written notification to Training delineating the candidate's qualifications and experience, using Attachment 7.

4.9.4 For VEE candidate(s), an SPM will performs the following:

[A] Review the training files for qualification/familiarity to waste stream, experience handling TRU waste, and VE Operator qualifications.

[B] Provide written notification to Training delineating the candidate's qualifications and experience, using Attachment 7.

[C] Ensures that the appointments are facility–specific.

5.0 RECORDS

5.1 Records generated during the performance of this plan are maintained as quality assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Nonpermanent Records

[A] Written Notifications

[B] Attachment 7, SPM Appointment

[C] Letters to Training

[D] Certificates of Completion

[E] Training Analysis

[F] Qualification and training records

[F.1] OJT records

[F.2] Completed exams

[F.3] Qualification Card

[G] Training materials (e.g., course presentation, exam)

[H] Completed attendance/briefing forms,

[I] Attachment 3, Test Drum Data Sheet for Contact-Handled Waste

[I.1] Audio/video recording media (primary and backup)

[J] Attachment 5, Training Container Data & Evaluation Sheet

[J.1] Audio/video recording media (primary and backup)

[K] Resumes as applicable

[L] Comprehensive Examinations

[M] WAP Briefing

[N] Eye Examination (Medical)

[N.1] Attachment 6, Annual Record of Eye Examination, when applicable

[N.2] Independent Eye Examination (from medical facility), when applicable

[O] Training Module (Electronic)

Attachment 1 – Minimum Training and Education Requirements

Nondestructive Assay (NDA)	
NDA Personnel	In accordance with ASTM C1490, *Standard Guide for Selection, Training, and Qualification of Nondestructive Assay (NDA) Personnel.*
Nondestructive Examination (NDE)	
Helium Leak Detection Operators	In accordance with ASNT SNT-TC-1A, June 1980 edition. See CCP-QP-030.
Pressure Change Leak Testing Operators	In accordance with ASNT SNT-TC-1A, June 1980 edition. See CCP-QP-032.
Radiography Operators/ITRs	Site specific training based on waste matrix codes, waste material parameters, and packaging configurations; requalification every two years. Certification in accordance with ASNT SNT-TC-1A, June 1980 edition.
Visual Examination Operators/ITRs	Site specific training based on waste matrix codes, waste material parameters, and packaging configurations; requalification every two years.

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Attachment 2 – Test Drum Instructions for Contact-Handled Waste Drums

OPERATOR

1.0 In the presence of an RTR SME/OJT Instructor, perform the following:

1.1 Pre-start operations and audio/video recording media system setup of the RTR equipment per site approved radiography operating procedure.

1.2 Load the test drum into the RTR unit.

1.3 Ensure the audio/video recording identifies the following information:

[A] The identifying test drum container (e.g., NDE-TEST-01)
[B] Exam date
[C] Operator's name

1.4 Complete Blocks 1 through 4 of Attachment 3.

1.5 Perform scan of the test drum, identifying test drum container, and complete Block 5 of Attachment 3. Provide a detailed description (including content) of all items found within the container.

1.6 Complete Block 6 of Attachment 3.

1.7 Label the audio/video media with the following information:

[A] The identifying training container (e.g., NDE-TEST-01)
[B] Exam date
[C] Operator's name
[D] "A" for primary or "B" for backup

1.8 Provide the audio/video recording media and Attachment 3 to an RTR SME/OJT Instructor.

SME/OJT INSTRUCTOR

2.0 Observe the test drum and complete Attachment 3 as follows:

2.1 Complete Blocks 7 and 8 of Attachment 3.

2.2 **IF** the Operator has correctly identified the items within the test drum, **THEN** perform the following:

2.2.1 Enter N/A in Block 9 of Attachment 3.

2.2.2 Check PASS in Block 10 of Attachment 3.

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Attachment 2 – Test Drum Instructions for Contact-Handled Waste Drums (Continued)

2.2.3 Print name, sign, and date in Block 11 of Attachment 3.

2.2.4 Forward the audio/video recording media and Attachment 3 to Training in accordance with CCP-QP-008.

2.3 **IF** the Operator DOES **NOT** identify all WAC required items in Block 8 of Attachment 3 correctly,
THEN perform the following:

2.3.1 If applicable, document unidentified non-WAC required items in Block 9 of Attachment 3, **ELSE** enter N/A.

2.3.2 Check FAIL in Block 10 of Attachment 3.

2.3.3 Print name, sign, and date in Block 11 of Attachment 3.

2.3.4 Notify an SPM and Training.

2.3.5 Forward Attachment 3 and the audio/video recording media to Training in accordance with CCP-QP-008.

NOTE

RTR Personnel who fail the test drum will be requalified after meeting initial qualification requirements.

2.4 **IF** any items (other than WAC-required items) were not identified,
THEN discuss and document the noted discrepancies with the Operator.

2.4.1 Document unidentified items in Block 9 of Attachment 3, **AND** discuss with the Operator.

2.4.2 Check PASS in Block 10 of Attachment 3.

2.4.3 Print name, sign, and date in Block 11 of Attachment 3.

2.4.4 Forward Attachment 3 with the audio/video recording media to Training in accordance with CCP-QP-008.

Attachment 2 – Test Drum Instructions for Contact-Handled Waste Drums (Continued)

TRAINING

3.0 Ensure receipt of all required test drum documentation.

4.0 **IF** notified by the RTR SME/OJT Instructor that a currently qualified Operator has failed the test drum,
THEN remove the Operator from the LOQI **AND** update the Training files.

5.0 **IF** Attachment 3 indicates PASS,
THEN update the LOQI and the Training files.

Attachment 3 – Test Drum Data Sheet for Contact-Handled Waste

1. Operator Name:	
2. Test Drum #:	**3. Date of Demonstration:**
4. Audio/Video Recording Media Label:	
5. Container Inventory (Provide detailed description)	
6. Operator Signature:_____ **Date:**_____	

Attachment 3 – Test Drum Data Sheet for Contact-Handled Waste (Continued)

7. Operator Name:			
8. WAC Required Items (SME check items identified by operator)			
	Aerosol can with puncture		Full container
	Horsetail bag		Aerosol can with fluid
	Pair of coveralls		One gallon bottle with three tablespoons of fluid
	Empty bottle		One gallon bottle with one cup of fluid (upside down)
	Irregular shaped pieces of wood		Leaded glove or leaded apron
	Empty one gallon paint can		Wrench
9. Additional items not identified:			

10. As SME/OJT Instructor, I observed the above demonstration and have discussed any missed items with the Operator. I have assigned a grade based on the review above.	**PASS**		**FAIL**	

11. SME Printed Name:_____

SME Signature:_____ **Date:**_____

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Attachment 4 – Training Container Instructions

OPERATOR

1.0 Perform the following:

1.1 Complete Blocks 1 through 4 of Attachment 5.

1.2 Verify the RTR unit and audio/video system is configured to run the training container.

1.3 Load the training container into the RTR unit.

1.4 Ensure the audio/video recording identifies the following information:

[A] The identifying training container (e.g., NDE-TRAINING-01)
[B] Exam date
[C] Operator's name

1.5 Perform scan of the training container, identifying training container, detailed description of contents including container sizes and volumes of liquid.

1.6 Document the scan information in Block 5 of Attachment 5.

1.7 Complete Block 6 of Attachment 5.

1.8 Label the audio/video media with the following information:

[A] The identifying training container (e.g., NDE-TRAINING-01)
[B] Exam date
[C] Operator's name
[D] "A" for primary or "B" for backup

1.9 Make a copy of training audio/video for the NDE CE. (Labeled the same add "Copy".)

2.0 Forward the audio/video (primary and backup) recording media and Attachment 5 to Training, in accordance with CCP-QP-008.

3.0 Forward the copy of the training audio/video to the NDE CE.

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Attachment 4 – Training Container Instruction (Continued)

Training

4.0 Provide Attachment 5 to the NDE CE.

NDE CE

5.0 Review the Training Container scan and document discrepancies (accuracy and consistency) in Block 5 of Attachment 5.

6.0 Record in Block 8 of Attachment 5 if the operator passed or failed based on identification of the DQOs.

7.0 Print name, sign, and date in Block 9, of Attachment 5.

8.0 If the Operator fails to identify an item that is not a DQO, counsel the operator on the item(s) missed.

8.1 If counseling was required, have the operator acknowledge receipt of the counseling in Block 10 of Attachment 5. The acknowledgement can be either with the operator signature, or via Telecon.

9.0 If additional actions are required in response to an operator's performance, the CE will coordinate with Manager Responsible for Training.

10.0 Forward Attachment 5 to Training in accordance with CCP-QP-008.

TRAINING

11.0 Ensure receipt of all required documentation,
THEN update the LOQI and the Training files.

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Attachment 5 – Training Container Data & Evaluation Sheet

1. Operator Name:		**2. Demonstration Date:**		
3. Training Container #:		☐ **Box**	☐ **Drum**	
4. Audio/Video Recording Media Label:				
5. Container Inventory (Provide detailed description)				
6. Operator Signature:_____ **Date:**_____				
7. I have counseled the operator on the following interpretation issues:				
8. I have assigned a grade based on the review above.	**PASS**		**FAIL**	
9. NDE CE Printed Name: _____ **NDE CE Signature:**_____ **Date:**_____				
10. Acknowledgement by the Operator of Counseling Received (if required): **Operator Printed Name:** _____ **Operator Signature:**_____ **Date:**_____				

Attachment 6 – Annual Record of Eye Examination

Employee Name:		
Examination Date:		
Examined By:		
	Printed Name and Title	
	Signature	
Examination Type:	**Jaeger-near acuity**	
Jaeger Level Tested:	**J-2**	
Results: (circle one)	**Pass**	**Fail**
Contrast Proficient: (circle one)	**Yes**	**No**

Note:

A visual acuity examination shall be administered to the candidate prior to the initial qualification and annually thereafter.

A professional optometrist, medical doctor, nurse, or personnel designee by procedure shall administer this examination.

The candidates shall have natural or corrected near-distance acuity in at least one eye, capable of reading J-2 letters on a standard Jaeger test chart at a distance of not less then 30.5 centimeters (12 inches).

The examination shall demonstrate the capability of distinguishing and differentiating contrast between colors used in the method.

Attachment 7 – SPM Appointment

Date:

Subject: Appointment for (candidate's name) for the position of (name of position)

Based on (candidate's name) resume and/or personal knowledge of (name's) work history, I have determined (he/she) has suitable education and experience in accordance with CCP-QP-002, *CCP Training and Qualification Plan*, for the position of:

- ☐ Expert Analyst for (insert specific NDA equipment and Host site)
- ☐ RH Technical Staff
- ☐ (Initial) Subject Matter Expert (SME) for (insert operation or NDA unit).
- ☐ Visual Examination Expert (VEE) for the (name facility and Host site). This is a (CH or RH) function. I have reviewed (candidate's name) training file for qualification/familiarity to the applicable waste streams, experience handling TRU waste, and VE Operator qualifications.

For Initial SMEs: (Candidate's Name) will assist (assisted) with the set-up of (equipment name) at (site). As the initial SME, (Name) will assist (also assisted) with the development of procedures and a qualification card specific to the (unit/site).

Please initiate, as applicable, the CCP-specific training. (Candidate's name) will not be considered qualified for this(these) position(s) until all applicable/required training is complete, on file with CCP Training, and listed on the applicable LOQI(s).

If you have any questions, please contact me.

Thank you,

(SPM Name)
Site Project Manager

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CCP-QP-005

Revision 25

CCP
TRU Nonconforming Item Reporting and Control

EFFECTIVE DATE: 07/29/2015

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
17	08/27/2008	Revised to include language describing the process the Central Characterization Project (CCP) personnel use when performing open Nonconformance Report (NCR) checks and whether the NCR is "resolved" for a particular container in conjunction with software changes to the Progress Tracking System (PT-S) (NCR status) portion of the CCP Datacenter. Also included additional language with respect to reconciliation of HOLD Tags once the NCR's are cleared for containers and incorporated the directive in Standing Order CCP-SO-30, Clarification of Rework and Reject. This is in response to U.S. Department of Energy-Carlsbad Field Office (DOE/CBFO) Corrective Action Report (CAR) CAR-08-025.
18	08/13/2009	Revised to incorporate freeze file editorial changes, clarify the ability to delete/remove containers from the Batch Data Report (BDR)/Container ID list when revising a nonconformance report (NCR) per CAR-LANL-0001-09, and incorporate Central Rev. Characterization Project (CCP) Standing Order (SO) CCP-SO-024, 1.
19	10/14/2010	Revised to: clarify hold tag application; Carlsbad Field Office (CBFO) notification requirements including responsibility, incorporate CCP-SO-054, 1 and CCP-SO-065, 0; revisions to Attachment 1, CCP Nonconformance Report (NCR); and other minor editorial changes.
20	04/26/2011	Revised to incorporate relevant steps from CCP-QP-004, *CCP Corrective Action Management,* and other editorial changes.
21	03/05/2012	Revised to incorporate clarification of K-trend code designees signature authority and other editorial changes and freeze file items.
22	09/27/2012	Revised to add definitions; to move 2.5.1 to 4.2.1 [F]; to clarify 4.4.15 and Attachment 1, 4.2.10, and Carlsbad Field Office (CBFO) notification in 4.3.1; to add new 4.9.3 to address removal of Hold Tags when voiding a Nonconformance Report (NCR); to incorporate freeze file changes; to modify Attachment 1; to correct some typos and editorial mistakes.

RECORD OF REVISION (CONTINUED)

Revision Number	Date Approved	Description of Revision
23	06/25/2013	Revised to incorporate Nuclear Waste Partnership (NWP) transition changes; ensure chronological order; to change Notes that include action steps to action steps; to remove contradiction with CCP-PO-024, *CCP/INL Interface Document,* in 4.5.10 [A.2]; to add Attachment 2, Instructions for Completing Attachment 1, CCP Nonconformance Report, and Attachment 6, NCR Hold Tag Guidance, incorporating portions of Standing Order CCP-SO-036 and to implement the Permit Modification Request Class 2 approved by New Mexico Environment Department (NMED) dated March 13, 2013.
24	04/29/2014	Revised determination of recurring condition; deleted all references to CCP-QP-029 and internal Corrective Action Reports (CARs) which was obsoleted and replaced with WP 15-GM1002; replaced reference Carlsbad Field Office (CBFO) Quality Assurance Program Description (QAPD) with Nuclear Waste Partnership (NWP) QAPD; rearranged 4.1.6, 4.2.10 and 4.2.11 for better chronological order; revised definitions “Repair” and “Rework”; corrected various editorial mistakes.
25	07/29/2015	Revised to address Carlsbad Field Office (CBFO) CAR 15-035 and other editorial changes.

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1.0 PURPOSE

This procedure establishes the requirements and responsibilities for identifying, documenting, reporting, and dispositioning items and services that do not meet established requirements.

1.1 Scope

1.1.1 This procedure applies to Central Characterization Program (CCP) waste characterization, certification, packaging, and transportation. It establishes the process for identifying, documenting, controlling, evaluating, dispositioning, and verifying completion of dispositioning of nonconforming conditions associated with items, equipment, and Batch Data Reports (BDRs).

1.1.2 Nonconforming items will be controlled to prevent any adverse impact on test, installation, use, waste certification, or waste shipment. Organizations affected by the nonconformance will be notified.

1.1.3 Personnel evaluating and determining the disposition of nonconforming items will have demonstrated competence in the specific area they evaluate, adequate understanding of the requirements, and access to pertinent background information.

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2.0 REQUIREMENTS

2.1 References

Baseline Documents

- WP13-1, *Nuclear Waste Partnership, LLC, Quality Assurance Program Description* (QAPD)
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods For Payload Control (CCP CH-TRAMPAC)*
- CCP-QP-010, *CCP Document Preparation, Approval, and Control*

Referenced Documents

- DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-QP-008, *CCP Records Management*
- CCP-QP-014, *CCP Quality Assurance Trend Analysis and Reporting*
- CCP-QP-019, *CCP Quality Assurance Reporting to Management*
- CCP-TP-001, *CCP Project Level Data Validation and Verification*
- CCP-TP-068, *CCP Standardized Container Management*
- CCP-TP-120, *CCP Container Management*
- WP 15-GM1002, *Issues Management Processing of WIPP Forms*
- 10 Code of Federal Regulations (CFR) Part 71, *Packaging And Transportation Of Radioactive Material*

2.2 Definitions

As Low As Reasonably Achievable (ALARA)	A principle of all work at the site in the use or handling of radioactive materials in which personnel radiation exposure, including the work force and public, is kept at a level as low as possible by reasonable means.
Condition Adverse to Quality (CAQ)	An all-inclusive term used in reference to any of the following: failures, malfunctions, deficiencies, defective items, nonconformances, and technical inadequacies.
Data Quality Objective (DQO) Process	A strategic planning approach based on the scientific method used to prepare for data collection. The Data Quality Objective (DQO) process provides a systematic procedure for defining the criteria that a data collection design should satisfy, including when and where to collect samples, the tolerable level of decision errors for the study, and how many samples to collect.
Item	An all-inclusive term used in place of any of the following: appurtenance, assembly, component, equipment, material, module, part, structure, subassembly, subsystem, system, unit, support system, or data.
Nonconformance Report Module (NCRM)	Nonconformance Report Module (NCRM), an electronic database that is part of the Integrated Data Center (IDC).
Nonconformance	A deficiency in a characteristic or record that renders the quality of an item or sample unacceptable or indeterminate.
Orphaned HOLD TAG	A HOLD TAG no longer attached to its associated nonconforming item.

Price-Anderson Amendments Act (PAAA)	Law passed by Congress intended to minimize the risk to workers and the public by ensuring that U.S. Department of Energy (DOE) nuclear work is conducted so that human health and safety and the environment are protected adequately.
Repair	The process of restoring an item to a condition such that the capability of the item to function reliably and safely is unimpaired even though that item still does not conform to the original requirement. In container management, “repair” refers to nonconforming characteristics for which the container(s) must be rerun through characterization and the associated BDR that will be superseded by a new one.
Reject	A disposition for nonconforming items for which no resolution that meets the given requirements is possible, and the item cannot be accepted, requiring discarding, replacement, or recharacterization.
Rework	The process by which an item is restored to original specifications by completion or correction. In container management, “rework” refers to nonconforming characteristics that may be corrected without rerunning the container(s) through characterization and the BDR will be completed or corrected.
Scrap	A disposition for nonconforming items which requires discarding or return to supplier.
Supplier	Any individual or organization who furnishes items or services in accordance with a contract. An all-inclusive term used in place of any of the following: vendor, seller, source, participant, contractor, or subcontractor.

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Technical Change	Changes to container or BDR identifications, Interim or Final Dispositions, Actual Conditions, or Requirements.
Traceability	The ability to trace the history, application, and location of an item, data, or sample using documentation. As related to metrology, traceability means the ability to relate individual measurement results through an unbroken chain of calibrations to one or more of the following: • U.S. national standards maintained by National Institute of Standards and Technology (NIST) or the U.S. Naval Observatory • Fundamental or natural physical constants with values assigned or accepted by NIST • National standards of other countries which are correlated with NIST
Use-As-Is	A disposition permitted for a nonconforming item when it can be established that the item is satisfactory for its intended use.
Work	The process of completing a defined task. Examples include; research and development, operations, maintenance and repair, administration, software development and use, inspection, safeguards and security, and data collection and analysis.

2.3 Nonconformance Report Module (NCRM)

2.3.1 The NCRM provides the capability for an accurate and timely assessment of the status of all Nonconformance Reports (NCRs).

2.3.2 The NCRM provides the capability to trend NCRs for conditions adverse to quality.

2.3.3 The NCRM provides, as a minimum, the following:

- NCR Number and Revision
- Initiation Date
- NCR Originator

- Responsible Manager
- BDR/Container (as applicable)
- Actual Condition
- Final Disposition
- Trend Code
- Closure Date
- NCR Log

2.3.4 The NCRM is maintained in the CCP Project Office. The NCRM may also be updated by authorized quality assurance (QA) personnel at specified Host sites.

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3.0 RESPONSIBILITIES

3.1 NCR Originator

3.1.1 CCP personnel who identify nonconformances are responsible for originating an NCR or ensuring an NCR is initiated.

3.1.2 Applies or ensures application of a CCP HOLD TAG or provides other segregation or control methods.

3.2 QA

3.2.1 Validates the NCR.

3.2.2 Evaluates NCRs in accordance with this procedure.

3.2.3 Approves interim and final dispositions.

3.2.4 Ensures that NCRs are entered into the NCRM.

3.2.5 Verifies interim and final disposition completion and closes NCRs.

3.2.6 Applies, removes, or ensures application or removal of CCP HOLD TAGS (as applicable).

3.2.7 Immediately notifies the Site Project Manager (SPM) or Vendor Project Manager (VPM) when HOLD TAGS DO **NOT** reconcile or when orphaned HOLD TAGS are found in process areas.

3.2.8 Provides CCP Training with a notification of individuals who are designated to validate and approve dispositions for NCRs that are Trend Code K. These individuals will have been briefed and designated for this function by QA.

3.2.9 Assists the NCR Originator as needed to determine status of all affected containers associated with NCRs initiated at the Project level.

3.3 QA Designee

3.3.1 Validates Trend Code K NCRs.

3.3.2 Approves interim and final dispositions for Trend Code K NCRs.

3.3.3 Ensures that NCRs are forwarded to the Host site QA NCR Coordinator or the CCP Project Office NCR Coordinator for entry into the NCRM.

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3.3.4 Applies, removes, or ensures application or removal of CCP HOLD TAGS (if applicable) for Trend Code K NCRs and delivers removed HOLD TAGS to QA for confirmation of removal.

3.4 Responsible Manager

3.4.1 Provides interim and final dispositions to correct identified deficiencies.

3.4.2 Identifies resolutions to deficiencies and (when applicable) identifies actions to preclude recurrence.

3.4.3 Monitors progress of nonconformance resolution, including completion of dispositions in a timely manner.

3.4.4 Provides for the control of further processing, delivery, installation, or operation of nonconforming items or equipment.

3.5 CCP Site Project Manager (SPM)

3.5.1 Ensures NCR process is followed in accordance with this procedure and is accountable for the implementation of the nonconformance program.

3.5.2 Coordinates Carlsbad Field Office (CBFO) notification between the Certification Manager and the NCR Coordinator.

3.5.3 Prepares interim and final dispositions.

3.5.4 Verifies interim and final disposition completion.

3.5.5 Ensures forwarding of validated and in-process NCRs to the CCP Project Office for NCRM updates, as necessary.

3.5.6 Ensures distribution of completed NCRs as required by applicable interface documents.

3.5.7 Notifies CBFO of nonconformances as required by this procedure.

3.5.8 Monitors to ensure timely completion of NCRs in their area of responsibility, developing a plan to identify and track all nonconformances and reporting this information (approval of this procedure fulfills development of the plan).

3.5.9 Carries out responsibilities of the Responsible Manager, when an NCR so specifies.

3.6 Vendor Project Manager (VPM)

3.6.1 Ensures site personnel evaluating and dispositioning NCRs have demonstrated competence in the specific area they evaluate, have an adequate understanding of the requirements, and have access to pertinent background information.

3.6.2 Monitors to ensure timely completion of NCRs in their area of responsibility.

3.6.3 Carries out responsibilities of the Responsible Manager, when an NCR so specifies.

3.6.4 Concurs with interim and final dispositions (as requested).

3.6.5 Ensures the application of CCP HOLD TAGS and, in coordination with QA, ensures their removal, as required, and will assure removed CCP HOLD TAGS are delivered to QA for verification of removal.

3.6.6 Notifies the Host site representative of drums that are inaccessible with a request to make them available as soon as possible so that the drums may be monitored and tagged as soon as they are available.

3.7 NCR Coordinator (Site QA serves as the NCR Coordinator for the assigned site)

3.7.1 Maintains the NCR Log.

3.7.2 Distributes NCRs in accordance with this procedure.

3.7.3 Submits closed NCRs to CCP Records.

3.7.4 Updates the NCRM.

3.8 CCP Training

3.8.1 Annotates each site-specific List of Qualified Individuals (LOQI) with a qualified statement for individuals who have been designated by QA.

3.8.2 Maintains designation notifications in each individual’s training file.

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3.9 Certification Manager

3.9.1 Ensures a consistent review for all NCRs that have the potential to require CBFO notification according to the seven (7) calendar days notification requirement.

3.10 Waste Certification Official (WCO)

3.10.1 Assists the NCR Originator as needed to determine status of all affected containers associated with NCRs initiated at the Project level.

3.11 Packaging Manager

3.11.1 Reviews NCRs whose description is Transportation for 10 CFR, Part 71, *Packaging And Transportation Of Radioactive Material,* applicability.

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NOTE
Action steps need not be completed in the order given, unless otherwise directed.

4.0 PROCEDURE

4.1 NCR Initiation

QA

4.1.1 Maintain an NCR log (either manual or electronic at the Host site or CCP Project Office), identifying the following as a minimum:

- NCR number
- Initiation date
- NCR Originator

[A] Account for all NCRs issued during a calendar year, including voided NCRs. Number and log NCRs uniquely.

[B] The NCR number is composed of:

NCR-xxxxxx-yyyy-zz, where:

- "NCR" represents "Nonconformance Report"
- "xxxxxx" represents Site Designator (when applicable to remote-handled [RH] waste, include "RH" as a prefix to the site designator [e.g., Savannah River Site remote-handled waste = "RHSRS"])
- "yyyy" represents numerical digits beginning at 0001
- and "zz" represents the final two digits of the calendar year in which the NCR is initiated

Revision control applies.

[C] Examples of NCR Numbers:

- NCR-INL-0001-12, Rev. 0
- NCR-SRS-0361-12, Rev. 1
- NCR-LANL-2841-12, Rev. 2
- NCR-CCP-0015-12, Rev. 0
- NCR-RHLANL-0001-12, Rev. 0

NOTE

Trend Code K NCRs Interim and Final Disposition can be approved by designated personnel, CCP Training maintains the list of designated personnel.

- However, QA must validate and approve NCRs which are not Trend Code K.

QA SHALL verify disposition completion and closing of ALL NCRs.

NCR Originator

4.1.2 CCP personnel who discover nonconforming items or processes are responsible for initiating NCRs or to notify their managers for assistance in ensuring that an NCR is initiated. Personnel are encouraged to suggest improvements. Nonconformances are documented, evaluated, and dispositioned with a no-fault attitude fostered by management at all levels. On identifying a nonconforming item, obtain the current issued revision of Attachment 1, CCP Nonconformance Report (NCR), from the sftp site.

[A] Document nonconforming items by NCR, including those found by CCP personnel at a supplier's facility or during receipt inspection.

4.1.3 Obtain an NCR number from the NCR Coordinator or QA Designee, **AND** enter the number and revision on all pages of Attachment 1.

[A] Complete Blocks 1 through 7, as applicable, of the NCR (see Attachment 2, Instructions for Completing Attachment 1, Nonconformance Report [NCR]; see also 4.1.5 in regard to Block 7d).

[A.1] Enter "N/A" (Not Applicable) for those blocks **NOT** applicable to the NCR. Use Attachment 3, CCP Nonconformance Report (NCR) Continuation Sheet, whenever available space is inadequate.

[B] **IF** the NCR is documented against a container and a BDR, **THEN** ensure that Block 3 correctly identifies the container number and BDR number, matching exactly the identifications (IDs) identified in the BDR (see also 4.2.1[C.1]).

NCR Originator/Waste Certification Official (WCO)/QA

[C] Determine the status of all affected container(s) associated with NCRs initiated at the Project level as follows:

[C.1] **IF** the containers are not in a shipping lot,
THEN go to 4.1.4.

[C.2] **IF** the containers are in a shipping lot,
THEN it must be determined whether the container is in Waste Data System (WDS).

(a) **IF** the containers are in WDS **AND** the NCR is not data-affecting,
THEN go to 4.1.4.

(b) **IF** the containers are in WDS **AND** the NCR is data-affecting,
THEN the container(s) must be moved into assigned pre-sub certification before the NCR can be validated by QA.

NCR Originator or QA Designee

4.1.4 Select method(s) to be used to control nonconforming items, but they SHALL **NOT** be solely reliant on a single administrative control to differentiate waste containers that are acceptable for shipment to the Waste Isolation Pilot Plant (WIPP).

[A] DO **NOT** use NCRs as administrative holds (e.g., to stop a shipment when there is **NO** nonconformance). Refer to the container management procedures at the specific sites for more details on the proper use of administrative holds.

4.1.5 Determine whether CCP HOLD TAGS will be applied **OR** whether other methods will be used to control the affected items that do not affect end use, **AND** document in Block 7d of the NCR as applicable. Verify CCP HOLD TAGS by physically placing or confirming tag placement on the container by VPM's or QA Designee's confirmation in writing. If NCRs are initiated at the Project Office, they may be issued with Block 7d incomplete. Once notification is received by QA that NCR HOLD TAGS have been applied, update the NCR by completing Block 7d. Completion of this block does not require NCR revision.

[A] Ensure CCP HOLD TAGS are applied **AND** document in Block 7d (see Attachment 6, NCR HOLD TAG Guidance) UNLESS one or more of the following conditions exist:

- **IF** containers are physically inaccessible, **THEN** inform the VPM to notify the Host site representative of drums that are inaccessible with a request to make them available as soon as possible so that the drums are monitored and tagged as soon as they are available
- Container is an RH container
- Other physical identification methods (i.e., Permanent Reject Labels Not Certifiable to WIPP)
- If Final Disposition is already specified, is “Use-As-Is” with no action pending, and is QA approved

[B] Enter the following minimum information on the CCP HOLD TAG:

- NCR number
- Container or Item number
- BDR number (if applicable)
- Brief description of nonconforming condition
- Name, date, and signature of individual who applies the CCP HOLD TAG
- Any limitations on further processing

[C] When they are applied, the CCP HOLD TAGS SHALL remain on the containers until the nonconforming condition has been resolved and the disposition has been implemented and verified under the QA Program.

[D] Other methods used to control the affected items may include segregation or the use of dual, independent check systems (for noncompliant RH waste packages based on the ALARA principle), which use two separate and distinct processes and data sets for verifying waste packages are acceptable for shipment.

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[E] **IF** marking or tagging of a nonconforming item is impractical, **OR** segregation is impractical or impossible because of physical conditions,
THEN employ other precautions to preclude inadvertent use or shipment.

[F] Control nonconforming items to prevent adverse impact on test, installation, use, waste certification, or waste shipment.

[G] Notify organizations affected by the nonconformance.

4.1.6 Complete Blocks 7a, 7b, and 7c of Attachment 1

[A] Check the Transportation box in Block 7a only when issues with TRUPACT-II *TRU Waste Authorized Methods for Payload Control*, TRUPACT-III *TRU Waste Authorized Methods for Payload* Control, TRAMPAC limits, and packaging materials or conditions for shipped containers are identified.

[B] Ensure the 7b Requirement(s) correctly includes the procedure, revision, section, and quoted text, and the 7c Actual Condition is accurate.

[C] Print name, sign, and date Block 8.

4.1.7 Forward the NCR to the QA Engineer or QA Designee (Trend Code K NCRs only).

4.1.8 **IF** the NCR is initiated at the Host site, **AND** there is **NO** SPM, QA Engineer or QA Designee available,
THEN:

[A] Copy the NCR and forward it to the responsible individual at the Host site for NCR Log update, if needed.

[B] Forward the NCR to the NCR Coordinator in the CCP Project Office for review, processing and distribution.

4.2 NCR Review

QA Engineer or QA Designee

4.2.1 Review the NCR for the following, at a minimum:

[A] Verify that the identified condition and requirement meet the criteria for an NCR (i.e., hardware items or BDRs, or both) and do **NOT** represent a programmatic or process failure,

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malfunction, or deficiency as specified in WP 15-GM1002, *Issues Management Processing of WIPP Forms*.

[B] **IF** the nonconformance is determined to meet the criteria for a WIPP Form,
THEN void the NCR in accordance with Section 4.9, **AND** instruct the NCR Originator to initiate a WIPP Form in accordance with WP 15-GM1002.

[B.1] When control of nonconforming items **AND** programmatic issues related to the nonconformance both apply, initiate both an NCR **AND** a WIPP Form.

[C] **IF** the NCR is documented against a container and a BDR, **THEN** verify that Block 3 correctly identifies the container number and BDR number, matching exactly the IDs identified in the BDR.

[C.1] **IF** the IDs do not match,
THEN ensure there is a valid reason for the difference, such as WDS number prefixes, historical ID number differences, etc., **OR** ensure the numbers in question are captured on the acceptable knowledge (AK) Tracking spreadsheet and show a clear correlation between the two.

[D] Verify that the current revision of Attachment 1 has been used, the NCR number and revision are on all pages of the NCR, **AND** the form is filled out correctly.

[E] Verify that the identified requirement (procedure no., revision no., section, and quoted text) is correct and applies to the actual condition requiring disposition.

[F] Verify the disposition, if already documented in Block 19, was not completed prior to the date of NCR validation.

4.2.2 Resolve any inconsistencies, clarifications, or other concerns identified with the NCR Originator, then return to 4.1.2[A] **AND** repeat the process in accordance with Section 4.1.3.

4.2.3 **IF** the NCR is determined to be invalid,
THEN void the NCR in accordance with Section 4.9.

4.2.4 Identify the Trend Code using NCR Trend Codes in Attachment 5, Trend Codes, **AND** enter the Trend Code in Block 10.

4.2.5 **IF** Trend Code is determined to be K,
THEN GO TO Section 4.2.8.

4.2.6 Determine whether the identified condition has the potential to impact AK (i.e., related to waste stream variance, waste matrix code, etc.), and, if "Yes" or "indeterminate" mark "Yes" in Block 9 and enter Trend Code L in Block 10. Examples of possible changes to the AK of a waste stream include:

- Incorrect assignment of a waste container to a waste stream (e.g., sludge matrix in a debris container)
- Identification of unanticipated waste material parameters (WMPs) in a container (e.g., metal in a combustibles-only debris container)

4.2.7 Forward NCRs that identify possible changes to the AK of a waste stream (Trend Code L) to the SPM as the Responsible Manager.

[A] **IF** reevaluation is warranted as a result of:

- Inconsistencies noted during the process of comparing AK information to characterization results, **OR**
- The initiation of an NCR identifies potential changes to the AK of a waste stream,

THEN the SPM notifies the AK Expert.

4.2.8 Verify that the HOLD TAGS have been applied as needed, **AND** complete Block 7d, if not addressed by NCR Originator or QA Designee (see 4.1.5).

NOTE

The Responsible Manager determination is based on agreements between the SPM, QA Engineer, and applicable Responsible Managers.

4.2.9 Determine the manager responsible for resolution.

4.2.10 Except for Trend Code K and L NCRs, determine whether a Significant Condition Adverse to Quality exists by comparing with the following criteria:

[A] Does the noncompliance adversely impact the capability to characterize, certify, or ship waste?

[B] Is the noncompliance a violation of the Hazardous Waste Facility Permit (HWFP)?

[C] Could the noncompliance have a serious effect on health and safety of employees, the public, or the environment?

4.2.11 Except for Trend Code K and L NCRs, search the NCRM in IDC to determine whether there are previous violations of the same requirement and the Actual Condition is the same or similar, that is, one that involves the same process (nondestructive assay [NDA], real-time radiography [RTR], visual examination [VE], etc.), the same organization or personnel (Operations, AK Support, Transportation, Packaging & Logistics, etc.), elements of the QA Program (measuring and test equipment, inspection, document control, etc.), or individual vendors within a length of time that infers a potential connection. Upon evaluation of recurring condition, complete NCR Block 12.

4.2.12 **IF** a recurring condition is identified,
THEN discuss with the Assurance Programs Manager, who will determine whether the recurring nature of the conditions represents a Significant Condition Adverse to Quality. If directed, initiate a WIPP Form in accordance with WP 15-GM1002, control as a Significant Condition, cite the NCR number and revision in the WIPP Form, **AND** document the determination in an email to the NCR Coordinator, who will include it as part of the NCR QA record file.

[A] If the determination of a Significant Condition Adverse to Quality is affirmed, check “yes” in NCR Block 13, and enter in the NCRM.

4.2.13 The recurring conditions will be cited in the Semiannual Report required by CCP-QP-019, *CCP Quality Assurance Reporting to Management,* and include any corrective and preventive actions taken as a result.

4.2.14 Enter the Responsible Manager's name in Block 11.

4.3 NCR Validation

4.3.1 Before validation (Block 14), line through incorrect technical information and enter correct information, initial, and date.

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4.3.2 Correct editorial mistakes (grammar or spelling, renumbering sections, attachments or pagination; transcription errors and date) that DO **NOT** affect technical content by lining through, entering correct data, initialing, and dating at any time during the life cycle of the NCR.

4.3.3 QA Engineer or Designee to sign in Block 14 to validate NCR and forward NCR to responsible manager to enter disposition.

4.4 Disposition Determination

Responsible Manager

4.4.1 Determine the need for interim disposition, **AND**, if applicable, identify any additional approval requirements.

[A] Use Interim Dispositions only when necessary to determine the Final Disposition.

NOTE
Types of Interim Disposition: N/A (see Final Disposition), Hold, Conditionally Accept, Sort, Reinspect or Retest, Remediate.

4.4.2 **IF** interim disposition is **NOT** required,
THEN check “N/A” in Block 15a.

4.4.3 **IF** Interim Disposition is required,
THEN complete Block 15a and 15b of the NCR, **AND** print name, sign, and date Block 16a.

4.4.4 Forward NCR to QA Engineer or designee for processing and distribution.

4.4.5 Evaluate the nonconforming condition, **AND** provide a final disposition to correct the identified deficiency(ies).

4.4.6 For Final Dispositions, address all items and deficiencies identified in Block 7c of the NCR. Final Dispositions are limited to Use-As-Is, Reject, Repair, Rework, and Scrap. DO NOT close validated NCRs until completion and verification of the Final Disposition. Limit further processing, delivery, installation, or use of a nonconforming item, pending evaluation and approval of the disposition.

4.4.7 Check the Final Disposition Type in the appropriate box in Block 19. Limit Interim or Final Dispositions to only one type in each NCR.

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4.4.8 For Use-As-Is dispositions, provide Technical Justification in Block 19a.

4.4.9 For Repair dispositions, provide Technical Justification in Block 19a and instructions for completion in Block 19b.

[A] Items that do not meet original design requirements that are dispositioned Use-As-Is or Repair are subject to design control measures commensurate with those applied to the original design.

4.4.10 For Reject or Scrap dispositions, provide instructions for completion in Block 19b.

[A] **IF** containers that have been characterized are identified on an NCR, and the disposition specifies that the containers are to be returned to the Host site for correction of the nonconforming condition,
THEN the Final Disposition SHALL BE Reject, and include Instructions for Completion "Return to Host site for remediation or repackaging, or both," or similar.

[A.1] DO NOT **CLOSE** the NCR in such a case. The container is returned to the Host site with the CCP HOLD TAG attached to the container (e.g., a container has a prohibited item and requires remediation to bring it into compliance with CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*, acceptance criteria). For such containers, DO NOT **REMOVE** CCP HOLD TAGS until nonconforming conditions have been corrected **AND** verified by CCP under the QA Program.

[A.2] There may be circumstances when a nonconforming container is returned to the Host site for remediation or repackaging under the Host site's management system. When the container is removed from the AK tracking spreadsheet for return to the Host site, CCP will follow the Host site Interface Agreement in regard to application and removal of CCP HOLD TAGS. Close the associated NCR(s) and update the NCRM according to this procedure.

4.4.11 Any orphaned tags found SHALL BE presented to QA for action to be taken in accordance with 4.7.6 [A].

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4.4.12 **IF** the nonconforming condition is data which requires that the container be rerun through that characterization (e.g., NDA, RTR or VE, Flammable Gas Analysis [FGA], Gas Generation Testing [GGT]),
THEN the NCR will disposition the container Reject.

4.4.13 **IF** the nonconforming condition is data for the container that will be corrected without rerunning the container through characterization,
THEN the NCR will disposition the container Rework.

4.4.14 For Rework dispositions, provide instructions for completion in Block 19b.

[A] In the disposition of an item to be reworked or repaired, include requirements to reexamine, reinspect, retest, or conduct nondestructive examination (NDE) to verify acceptability. Reexamine repaired or reworked items using the original process and acceptance criteria, unless alternative acceptance criteria or methods have been established and approved as part of the nonconforming item disposition.

4.4.15 **IF** changes to the specifying document are required to agree with the as-built condition,
THEN ensure the disposition requires action to change the specifying document to agree with the as-built condition.

4.4.16 **IF** a document or QA record change is required by the disposition,
THEN specify the change in the disposition **AND** ensure that the document or record cites the NCR number.

4.4.17 Evaluate the need for Actions to Prevent Recurrence (Repair or Rework), **AND** document corrective action(s) or “N/A” in Block 19c.

4.4.18 For Reject Dispositions, include instructions for the disposal of the item(s), such as “scrap,” or “return to vendor,” according to applicable procedures.

4.4.19 Identify any additional approval requirement, if applicable, **AND** document in appropriate block(s).

4.4.20 Print name, sign, and date Block 20, **AND** forward the NCR to the QA Engineer or QA Designee.

QA Engineer or QA Designee

4.4.21 Review the NCR and determine the following:

[A] The disposition (Interim or Final) adequately addresses measures to be taken to correct the identified deficiency.

[B] The disposition (Interim or Final) has been completed in accordance with this Section.

[C] Actions to prevent recurrence (as applicable) address adequate measures to control recurrence.

[D] Assure any attachments have been completed as required by Section 4.10.

4.4.22 **IF** disposition is deemed appropriate,
THEN approve by completing Block 16b (Interim) or Block 21 (Final), **AND** GO TO step 4.4.24.

4.4.23 **IF** disposition is deemed to be deficient,
THEN recommend changes, resolve with the Responsible Manager, **AND** reprocess according to Section 4.4.

4.4.24 **IF** the NCR is initiated by the Data Generation Level (DGL) against a container or BDR,
THEN copy the validated and dispositioned NCR, **AND** submit it to the appropriate DGL process to be included in the BDR, **OR,** if an NCR revision, to be submitted with the corrected data as an update to the BDR.

4.4.25 **IF** the NCR is initiated by the CCP Project Office against a container or BDR during CCP-TP-001, *CCP Project Level Data Validation and Verification,* review,
THEN copy the validated and dispositioned NCR, **OR,** if an NCR revision, forward a copy to the SPM to be included in the BDR.

4.5 NCR Process

NCR Coordinator

4.5.1 At receipt of the NCR:

[A] Verify the information in the NCR log matches that on the NCR.

[B] Enter the NCR information in the NCRM.

[C] **IF** the NCR Description in Block 7a is Transportation,
THEN forward a copy of the NCR to the Packaging Manager or designee for consideration of 10 CFR, Part 71, applicability and request the results of the review.

Packaging Manager

[C.1] Review NCRs whose description is Transportation (in Block 7a) for 10 CFR, Part 71, applicability and email the NCR Coordinator the results of the review.

NCR Coordinator

[D] File a copy of the email from the Packaging Manager with the NCR.

[D.1] **IF** the NCR was generated at or after the SPM signature level,
THEN forward a copy of the project-level NCR to the Certification Manager for review.

Certification Manager

[D.2] Review the project-level NCR to determine whether any nonconformance first identified at or after the SPM signature release level (e.g., CCP-TP-001) does not meet applicable requirements of CCP-PO-001, or DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan* (i.e., a failure to meet a DQO), and if so,
THEN inform in writing or by email the NCR Coordinator and SPM, the latter of whom notifies the CBFO as required.

SPM

[D.3] Notify the CBFO in accordance with Attachment 4, Additional CBFO Notification Details, and as follows:

- **IF** the Certification Manager determined that the project-level NCR is reportable,
  THEN notify CBFO within seven (7) calendar days of identification of the deficiency.

- Copy the NCR Coordinator on the CBFO notification.

[D.4] **IF** the NCR was not ready for submittal when the notification was made,
THEN submit the NCR to DOE CBFO within thirty (30) calendar days of identification of the deficiency.

Certification Manager

[D.5] **IF** the project-level NCR is determined not to be reportable,
THEN the NCR Coordinator receives an IDC notification that the NCR is not reportable.

NCR Coordinator

[D.6] The NCRM is updated automatically. File a copy of the CBFO notification and related e-mails with the NCR.

[D.7] Retain the NCR and any attachments in a working file until NCR closure.

4.6 Disposition Completion

Responsible Manager/VPM/SPM

4.6.1 Monitor disposition completion to assure timely completion.

Responsible Manager

4.6.2 At completion of the required dispositions (Interim or Final), request the original (if necessary) from the NCR Coordinator.

4.6.3 Provide objective evidence of completion of disposition (Interim, Final, and Actions to Prevent Recurrence as applicable) by one or more of the following:

[A] Prepare attachments as required by Section 4.10.

[B] Cite traceable documentation that substantiates completion of dispositions and actions to prevent recurrence.

[C] Sign and date statement(s) of fact or include as attachment.

[D] If desired, discuss with SPM and/or Originator, reviewing the documentation that substantiates completion of dispositions prior to formal submittal to ensure adequacy.

4.6.4 Document in an attachment prepared as required by Section 4.10 that substantiates completion of dispositions (as applicable).

4.6.5 Print name, sign, and date Block 17 (Interim) or Block 22 (Final), or both, **AND** submit original NCR with attachments (as applicable) to the QA Engineer.

4.7 Completion Verification and Closeout

QA Engineer

4.7.1 If desired, allow nonconforming items to continue through the normal process under certain controlled circumstances while their NCR is open, but always implement and verify the approved disposition(s) prior to NCR's closing.

4.7.2 **IF** the NCR is initiated by the CCP Project Office against a container or BDR, **AND** the disposition is required to be completed at DGL that corrects data in an existing BDR,
THEN, at DGL, include a copy of the validated and dispositioned NCR, **OR,** if an NCR revision, with the corrected data as an update to the BDR.

4.7.3 Review the NCR and verify the following:

- Attachments provide traceability to objective evidence substantiating completion of disposition.
- Documentation provides adequate objective evidence of completion of disposition.
- Attachments (if applicable) have been completed as required by Section 4.10.
- Review the NCR and all attachments (if applicable) to assure conformance to applicable requirements.

4.7.4 Document the Attachment number(s) in Block 23 as needed. If no attachments, enter "N/A."

4.7.5 **IF** Interim disposition **AND** other requirements in accordance with 4.7.3 are satisfactorily completed,
THEN print name, sign, and date in Block 18, **OR** continue to 4.7.6 for Final Disposition.

4.7.6 **IF** Final Disposition, verify the acceptable resolution of the disposition for individual containers **AND** release the "Resolved" container(s) for shipping to WIPP **AND**, the container(s) with "Returned" resolution to be return to the Host site,
THEN ensure removal of all CCP HOLD TAGS as required, either by removing them personally **OR** in coordination with the VPM or QA Designee. Verification will be so noted by checking the box in Block 24a. If not applicable check Block 24b and enter a comment, in Attachment 1 prior to closing the NCR.

[A] **IF** verification identifies missing tags,
THEN immediately notify the SPM or VPM.

4.7.7 **IF** disposition (Interim **OR** Final) **AND** other requirements in accordance with 4.7.3 are **NOT** satisfactorily completed,
THEN return to Responsible Manager (with detailed reasons for return) for correction and resubmittal.

4.7.8 Print name, sign, and date Block 25.

4.7.9 Determine any distribution requirements as identified in applicable interface documents.

4.8 Closeout

NCR Coordinator

4.8.1 At receipt of the NCR:

[A] Update the NCR in the NCRM.

[B] Distribute as required.

[C] Submit the completed NCR with attachments, if applicable, to CCP Records in accordance with CCP-QP-008, *CCP Records Management*.

4.9 Voiding the NCR

NCR Originator or QA Engineer

4.9.1 **IF** an NCR is determined to be invalid during the review in accordance with Section 4.2 (prior to NCR validation),
THEN:

[A] On the open NCR, document the detailed justification for voiding. Write anywhere on the NCR as long as it does not

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obliterate existing information, **OR** use Attachment 3, or create an attachment according to CCP-QP-008.

Ensure that the NCR Originator and the QA Engineer print name, sign, and date.

[B] Stamp or write “Void” on the first page of the NCR, initial, and date.

[C] Forward the NCR to the NCR Coordinator.

[D] GO TO step 4.9.3.

Responsible Manager, SPM, QA Engineer, or NCR Originator

4.9.2 **IF**, after NCR validation when the NCR is still open, the NCR Originator, the SPM, the Responsible Manager, and the QA Engineer agree that it is appropriate to void a validated NCR, **THEN**:

[A] On the NCR, document the technical justification for voiding, **AND** ensure that the NCR Originator, the SPM, the Responsible Manager, and the QA Engineer print name, sign, and date.

[B] Stamp or write “Void” on the first page of the NCR, initial, and date.

[C] Forward the NCR to the NCR Coordinator **AND** copy the SPM.

NCR Coordinator

4.9.3 Verify Block 24a or Block 24b of Attachment 1 (NCR) has been completed.

4.9.4 Input the NCR into NCRM.

4.9.5 Submit voided NCR to CCP Records in accordance with CCP-QP-008.

4.9.6 Ensure a copy of the NCR is submitted to the appropriate DGL personnel as required by CCP-TP-001.

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4.10 Attachments

NCR Originator/SPM/QA Engineer/Responsible Manager

4.10.1 When using attachments to an NCR:

[A] Identify the NCR number and revision number on each page of the attachment.

[B] Identify the attachment number.

[C] Paginate each page of the attachment.

EXAMPLE:
NCR-LANL-0700-12, Rev 0, Attachment 1,
Page 1 of 1

NCR-SRS-0800-12, Rev 1, Attachment 3, Page 1 of 6,
2 of 6, etc.

4.11 Revisions

NCR Originator/SPM/Responsible Manager

4.11.1 After validation of the NCR, change technical content by revising the NCR as follows:

[A] Obtain a blank copy of the current revision of the NCR from the sftp site.

[B] Apply next sequential revision number to all pages of the NCR and all attachments.

[C] Document the reason for revision in Block 7c.

NCR Originator, SPM, Responsible Manager, or NCR Coordinator

[D] Supersede the previous revision by drawing a diagonal line across the first page of the NCR, **AND** adding a statement, "Superseded by Revision # (next sequential revision #)," **AND** initial and date.

[E] Attach the superseded revision to the new revision.

[F] Submit new revision for review and approval in accordance with Section 4.2.

4.12 NCR Log Reconciliation - CCP Project Office and Host Site

NCR Coordinators/QA Engineer

4.12.1 At the end of the calendar year, reconcile NCR numbers issued with NCR logs maintained at Host sites (where applicable), the NCR Log, and the NCRM, as follows:

QA Engineer:

[A] Verify that all NCR numbers issued and that appear in the Host site Log, are accounted for in the NCRM.

[B] Resolve all discrepancies identified with the NCR Coordinator.

[C] Prepare and submit a report to the CCP Project Office NCR Coordinator that documents the reconciliation effort.

CCP Project Office NCR Coordinator

4.12.2 Reconcile NCR numbers issued to the QA Engineer at Host sites with the NCR Log, based on the report submitted by the QA Engineer.

4.12.3 Note any NCR numbers **NOT** used during the year as “Number Not Used” in the Report.

4.12.4 Submit the NCR Reconciliation Report to CCP Records in accordance with CCP-QP-008.

4.13 Work Suspension and CBFO Stop Work Orders

Personnel Working

4.13.1 During Normal Work

[A] All CCP employees shall be responsible and authorized to suspend work if concerned with employee safety, the safety of the environment, or the quality of the work.

[B] **IF** work CAN **NOT** be carried out as specified in a procedure **OR** continuing work would result in an undesirable situation, a condition adverse to quality or the environment, or an unacceptable safety risk,
THEN suspend work in a safe configuration **AND**, inform the Lead Operator (LO) or VPM.

Lead Operator or Vendor Project Manager

[C] Resolve the concerns of the employee or inform the SPM of the work suspension and the reason it is suspended.

CCP Management

[D] Resolve the concerns prior to resuming operation **OR** initiate actions to correct the condition using existing procedures. In either event, keep the employee who raised the concern informed of actions taken in response.

[E] Initiate the appropriate documentation in accordance with WP 15-GM1002, and CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control* as applicable to the situation.

SPM

[F] **WHEN** all corrective actions have been completed and verified,
THEN direct restart of suspended work.

4.13.2 CBFO Stop Work Orders

CCP Personnel

[A] Immediately comply with the terms of any Stop Work Order issued by the CBFO, which is authorized to issue Stop Work Orders for the protection of the environment and health and safety of CCP employees and the public.

CCP Management

[B] Accept direction set forth in CBFO Stop Work Orders and carry out such directives in a safe and responsible manner in accordance with established procedures.

[C] Submit Stop Work Orders and related documentation to CCP Records according to CCP-QP-008.

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5.0 RECORDS

5.1 Records generated in Section 5.1.1 during implementation of this procedure are maintained and controlled as QA records, as well as Section 5.1.2 record will be maintained as a record in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Nonpermanent Records

- Attachment 1, CCP Nonconformance Report (NCR) (including related emails and supporting documentation [if applicable])
  - Attachment 3, CCP Nonconformance Report (NCR) Continuation Sheet (if applicable)
  - CBFO Notifications (if applicable)
- NCR Reconciliation Report
- CCP NCRM Database

5.1.2 NON-QA Records

- Internal Written Directive to suspend work (e.g., memo, email [if applicable])
- External Written Directive to suspend work (e.g., memo, email [if applicable])

Attachment 1 – CCP Nonconformance Report (NCR)

CCP NONCONFORMANCE REPORT (NCR)

(Use NCR Continuation, Attachment 3, if necessary)

NCR No. NCR-		Revision
1. Lot No., Heat No., or Serial No. (if applicable):	2. Process (e.g., NDA, NDE, VE, Other):	3. Batch Data Report #(s):
4. Order/Work Order/Job Control Number (if applicable):	5. PO # (if applicable):	Container #(s):
	6. Supplier (if applicable):	

DESCRIPTION OF NONCONFORMANCE

7a. NCR Description: ☐ < 100 nCi/g ☐ Prohibited Item ☐ E-Flag ☐ Receipt Inspection ☐ Transportation ☐ WWIS/WDS ☐ Other

7b. Requirement(s) (Enter Implementing Procedure No., Revision, Section No., & Quoted Text):

7c. Actual Condition:

7d. Have the CCP HOLD TAGS associated with this NCR been applied? ☐ YES ☐ NO If no is checked, explain:

8. NCR Originator:

printed name _____ signature _____ date _____

9. Does the identified condition have the potential to impact AK? If YES or INDETERMINATE, enter Trend Code L in Block 10. ☐ YES ☐ NO ☐ INDETERMINATE

10. Trend Code:	11. Responsible Manager:
12. Recurring Condition? ☐ YES ☐ NO (If Yes, list NCRs and WIPP Forms):	13. Significant Condition? ☐ YES ☐ NO (If Yes, enter WIPP Form No.):

14. QA Engineer or QA Designee validation:

printed name _____ signature _____ date _____

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- Revision

INTERIM DISPOSITION

15a. Interim Disposition (Check Only One):

☐ N/A (See Final Disposition) ☐ Hold ☐ Conditionally Accept ☐ Conditionally Use

☐ Sort ☐ Reinspect or Retest ☐ Remediate

15b. Instructions for Completion of the Interim Disposition:

INTERIM DISPOSITION APPROVALS

16a. Responsible Manager or Individual:

printed name signature date

16b. QA Engineer or QA Designee:

printed name signature date

Additional Approval:

printed name signature date

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete – Responsible Manager or Individual:

printed name signature date

18. Interim Disposition Verified – QA Engineer:

printed name signature date

Attachment 1 – CCP Nonconformance Report (NCR) (Continued)

NCR No. NCR- Revision

FINAL DISPOSITION

19. Final Disposition (Check Only One: Use-As-Is, Repair, Reject, Rework, or Scrap):
☐ Use-As-Is ☐ Repair

19a. Technical Justification – Required for Use-As-Is or Repair dispositions. [☐ N/A for Reject, Rework, or Scrap]

☐ Reject ☐ Rework ☐ Scrap

19b. Instructions for Completion – Required for Reject, Repair, Rework, or Scrap [☐ N/A for Use-As-Is]

19c. Corrective Actions (Actions to Prevent Recurrence – For Repair or Rework, if applicable.
[☐ N/A if not applicable, and for Use-As-Is, Reject, and Scrap]

FINAL DISPOSITION APPROVALS

20. Responsible Manager or Individual:

printed name _____ signature _____ date _____

21. QA Engineer or QA Designee:

printed name _____ signature _____ date _____

Additional Approval:

printed name _____ signature _____ date _____

CLOSURE

22. Final Disposition Complete - Responsible Manager or Individual:

printed name _____ signature _____ date _____

23. Attachments:

24a. HOLD TAG removal has been verified and reconciled for all nonconforming items on the NCR: ☐
24b. If HOLD TAG is not applicable, check: ☐ and explain:

25. Final Disposition Verified – NCR Closed QA Engineer:

printed name _____ signature _____ date _____

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Attachment 2 – Instructions for Completing Attachment 1, Nonconformance Report (NCR)

Block	Responsible Individual(s)	Instructions
1	NCR Originator	Enter Heat no., Lot no., or Serial no. (as applicable) of material or item, measuring or test equipment, or item purchased from a supplier. If not applicable, enter "N/A."
2	NCR Originator	Enter kind of process(e.g., AK, CRMU Project, DA, Dimensional/Gravimetric [RH-DG], Exterior Surface Radiological Survey, FGA, GGTP, HE-RTR, Lot Evaluation, MOVER, NDA, NDE, OSRP, Radiochemistry, Receipt Inspection, RH-DTC, RH-NDE, RH-RTR, RH-Sampling, RH-VE, Solids Analysis, Surface Finish, Testing, Transportation, VE, WCO, WWIS/WDS, Other). If not applicable, enter "N/A." NOTE: If additional applicable process codes are identified that are not on the example list, they may be added to IDC using the Data Change Request process.
3	NCR Originator	Enter Batch Data Report number(s) as well as Container number(s) if applicable. If not applicable, enter "N/A." Enter Container number(s) if applicable. If not applicable, enter "N/A."
4	NCR Originator	Enter Order, Work Order, or Job Control Number if applicable. If not applicable, enter "N/A."
5	NCR Originator	Enter Purchase Order number if applicable. If not applicable, enter "N/A."
6	NCR Originator	Enter Supplier if applicable. A Host site is not a supplier. If not applicable, enter "N/A."
7a	NCR Originator	Check applicable box to match NCR Description.
7b	NCR Originator	Enter the requirement that applies to the nonconforming condition. Include implementing procedure number, its revision, the applicable section or paragraph number, and quote the text.
7c	NCR Originator	Enter the actual, nonconforming condition. Provide enough detail so that a disposition can be developed to correct it.

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Attachment 2 – Instructions for Completing Attachment 1, Nonconformance Report (NCR) (Continued)

Block	Responsible Individual(s)	Instructions
7d	NCR Originator or QA or QA Designee	Check "Yes" if HOLD TAGS have been applied or "No" if another method has been selected to control the item(s). If HOLD TAGS were not applied because of the Remote-Handled ALARA principle, enter the following: "HOLD TAGS will not be applied to items identified on this NCR because of ALARA consideration. Container management will apply through administrative control. In addition, these containers have been identified on the CCP sftp site. Container information from this NCR has been included in the list, which is to alert Mobile Loading Unit personnel as a second method of control of non-tagged containers." If NCR was originated at the Project Office, the site will be advised to apply HOLD TAGS and confirm when done. At that time, QA or QA Designee may check Block 7d "Yes." The NCR does not require revision as a result.
8	NCR Originator	Print name, sign, and date.
9	QA or QA Designee	Determine whether the Block 7c Actual Condition impacts or may impact AK. If "Yes" or "Indeterminate" enter Trend Code "L" in Block 10, and mark the appropriate box in Block 9. If not, check "No".
10	QA or QA Designee	If no Trend Code is entered in Block 10, determine the applicable code and enter it.
11	QA or QA Designee	Determine the Responsible Manager and enter (see Note before 4.2.9). Trend Code L requires an SPM be the responsible manager.
12	QA or QA Designee	Determine whether a recurring condition exists (see 4.2.11) and check box accordingly. If "Yes" is checked, enter applicable NCR or WIPP Form numbers.
13	QA or QA Designee	After discussion with Assurance Manager, determine whether a Significant Condition Adverse to Quality exists (see 4.2.12) and check box accordingly. If "Yes" is checked, enter applicable WIPP Form number.

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Attachment 2 – Instructions for Completing Attachment 1, Nonconformance Report (NCR) (Continued)

Block	Responsible Individual(s)	Instructions
14	QA or QA Designee	If NCR is determined valid, print name, sign, and date.
15a	Responsible Manager	If Interim Disposition is needed, check one box: "Hold," "Conditionally Accept," "Conditionally Use," "Sort," "Reinspect or Retest," or "Remediate." Proceed to Block 15b. If Interim Disposition is not needed, check "N/A" and proceed to Block 19.
15b	Responsible Manager	Enter instructions for completion of the Interim Disposition.
16a	Responsible Manager or Individual	Print name, sign, and date.
16b	QA Engineer or QA Designee	Print name, sign, and date.
17	Responsible Manager or Individual	When Interim Disposition is to be closed, print name, sign, and date.
18	QA Engineer or QA Designee	If verified adequate, print name, sign, and date.
19	Responsible Manager or Individual	Check only one box: "Use-as-is," "Repair," "Reject," "Rework," or "Scrap."
19a	Responsible Manager or Individual	Enter Technical Justification if Disposition is "Use-as-is" or "Repair." If not, enter "N/A," and proceed to 19b.
19b	Responsible Manager or Individual	Enter Instructions for Completion if Disposition is "Reject," "Repair," "Rework," or "Scrap."
19c	Responsible Manager or Individual	Enter Action(s) to prevent recurrence, if applicable. Enter "N/A" if not applicable, or for "Use-as-is," "Reject," and "Scrap" dispositions.
20	Responsible Manager or Individual	Print name, sign, and date.
21	QA or QA Designee	If Final Disposition is acceptable, print name, sign, and date.
22	Responsible Manager or Individual	When Final Disposition is completed, print name, sign, and date.
23	QA or QA Designee	If there are any Attachments, enter number and title or description of each.
24a	QA or QA Designee	If HOLD TAG removal was verified for all nonconforming items on the NCR, check box.

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Attachment 2 – Instructions for Completing Attachment 1, Nonconformance Report (NCR) (Continued)

Block	Responsible Individual(s)	Instructions
24b	QA or QA Designee	If HOLD TAGS are not applicable, check box and enter explanation.
25	QA Engineer	When Final Disposition is verified, print name, sign, and date for closure of NCR.

Attachment 3 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-	Revision	Attachment #	Page	of
Continuation from Section Number:				

Attachment 4 – Additional CBFO Notification Details

This attachment details reporting notification requirements for CCP-generated Nonconformance Reports (NCRs) which meet the condition identified in CCP-PO-001, Section C3-7, and 4.5.1[D.2] of this procedure.

WIPP e-mail Address: wipp.notify@wipp.ws

Electronic notification is strongly encouraged. If electronic notification is used, the following criteria are required:

On the subject line, preceding the subject, [ncr]. The term “ncr” in brackets [ ] allows the automatic transfer into the proper folder of the receiving system.

Include the NCR number, description of the deficiency, and the date identified.

CCP must email an NCR containing CCP’s procedurally required information thirty (30) days after the nonconformance was identified.

CCP may choose to transmit the NCR within the required seven (7) days, and satisfy both notification requirements, provided the following information is submitted:

- Site NCR #
- Responsible Organization
- Date initiated
- Individual who identified the NCR
- Deficiency
- Requirement violated
- Actions
- Date closed, if applicable

General Notification

If CCP does not have the capability of transmitting documents by e-mail, or elects not to, hard-copy transmittal may be used instead. Correspondence must be sent to the following address:

[Assigned CBFO Contact]
Carlsbad Field Office
U.S. Department of Energy
P.O. Box 3090
Carlsbad, NM 88221-3090

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Attachment 5 – Trend Codes

Trend Codes	Descriptions	Definitions and Examples
A*	Personnel Error and Failure to Follow Procedure	Personnel wrongly entered data or transposed figures or letters; inattention to detail; lack of understanding; use of superseded or incorrect version of specifying document; used procedure, but before required approval(s); required review missed problem(s); failed to follow procedure(s); deliberate violation.
C	Engineering Deficiency	Inadequate or erroneous engineering design, design input, or design output.
D	Procedure Less Than Adequate	Procedure erred or was vague in specifying requirements; failure to revise procedure when work processes change; no procedure to control QA work.
E	Software Deficiency	Software error resulted in deficient data; unqualified software used to obtain QA data; failure to initiate software qualification process; failure to verify software following software or operating system upgrade.
F	Vendor Deficiency	Deficiencies related to a vendor (i.e., procured item including hardware does not meet a requirement prescribed in the purchase order); wrong or less than adequate vendor documentation.
H	Material or Equipment Control Deficiency	Failure of material, equipment, or items because of damage, failure of a component, inadequate maintenance, etc.

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Attachment 5 – Trend Codes (Continued)

Trend Codes	Descriptions	Definitions and Examples
I	Calibration Deficiency	Calibration was inadequate, resulting in nonconforming or indeterminate data; use of out-of-calibration M&TE.
J	Inadequate Documentation	Record is nonconforming: does not include required data; required data are incorrect; record(s) improperly stored.
K	WAP/WAC Deficiency	Noncompliance with a Waste Analysis Plan or Waste Acceptance Criteria requirement **(Exempt from trending)**.
L	Acceptable Knowledge Deficiency	Possible changes to the AK of a waste stream (e.g., assignment of waste container to wrong waste stream; identification (ID) of unanticipated waste material parameters in a waste container) **(Exempt from trending)**.
M	Inadequate Communication	Personnel were given ambiguous or incorrect information or instructions to do their work; inadequate or lack of planning.
O	Ineffective Control of Corrective Action	Actions intended to correct deficiencies or preclude recurrence proved ineffective; identification of nonconforming item(s) less than adequate.
P	Inadequate Training	Condition Adverse to Quality resulted from lack of or inadequate indoctrination, training, or qualification; work done before indoctrination, training, or qualification or after qualification expired.
Q	Deficiency Caused by Others	The deficiency was caused by non NWP personnel working to non NWP QA program or none at all.
R	Control of Electronic Data Less Than Adequate	Inadequate security access control; inadequate protection of data; failure to backup data; inadequate traceability of data; failure to verify transferred data.

* Former Trend Code B was combined with A.

Attachment 6 – NCR HOLD TAGS Guidance

Applicability

This Attachment applies to all CCP personnel applying or removing CCP Nonconformance Report (NCR) HOLD TAGS.

Vendor Project Manager (VPM) Administrative HOLD TAGS are addressed in Container Management procedures CCP-TP-068, *CCP Standardized Container Management,* and CCP-TP-120, *CCP Container Management*.

When PLACING an NCR HOLD TAG on waste container:

- Use only CCP-provided NCR HOLD TAG.
- When applying the NCR HOLD TAG, enter the information using a Sharpie permanent marker or equivalent.
- The NCR HOLD TAG when possible should be applied so that the drum number, BDR number, etc. face out.
- Place the NCR HOLD TAG on the waste container locking ring bolt or lifting handle, using the cable tie in accordance with the following:
    - Use a separate cable tie for each Hold Tag placed on a waste container
    - Ensure the the cable tie locks and does not protrude past the bottom of the device
    - If the wire protrudes past the bottom of the device, wrap the exposed wire with tape

When REMOVING an NCR HOLD TAG from a waste container:

- Wrap the area where the cable is to be cut with tape prior to cutting to prevent the cable wires from splaying. Cut the cable tie holding the NCR HOLD TAG to the container using CCP-approved cable cutters.
- DO NOT cut or pull the tag off the cable tie.
- Return the NCR HOLD TAG to the VPM or SPM directing removal of the tag. The VPM or SPM will then turn the tags over to the QA Engineer for tracking with the corresponding NCR.
- DO NOT remove Host site tags or tamper-indicating devices (TID). Immediately report accidental removal of these to the VPM.

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Attachment 6 – NCR HOLD TAGS Guidance (Continued)

When a cable or wire is found on a waste container without an NCR HOLD TAG attached, or when an NCR HOLD TAG is damaged or faded:

- Treat the container as though it has an NCR HOLD TAG applied.
- If the NCR HOLD TAG is found damaged or faded, document the container number and any information from the remaining Tag and notify the VPM or SPM.
- If a loose tag is found on a waste container or on the ground, turn the tag over to the VPM or SPM.
- Replace loose, damaged, faded, or missing NCR HOLD TAGS as directed by the VPM or SPM.

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CCP-QP-008

Revision 24

CCP
Records Management

EFFECTIVE DATE: 02/10/2015

Mike Ramirez

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RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
6	03/11/2002	Additions for use of e-QA system
7	06/07/2002	Incorporation of instructions for pagination and removal of text in Attachments.
8	09/04/2002	Added the definition of magnetic tape and incorporated text to clarify the requirements of computer generated electronic records (clarified steps 2.3.7 and 4.8.3). Updated Attachment 2 to reflect new fax machine number. Added new steps regarding duties for the CCP Site Project Manager and the release of records (steps 3.1 and 4.7).
9	08/27/2003	Updated to reflect issuance of Revision 5 of the QAPD. Made other editorial changes. Separated electronically fillable forms and updated references in the procedure.
10	10/15/2004	Clarified CCP Personnel and Facility Records Custodian responsibilities. Editorial changes throughout.
11	08/22/2005	Reorganized sections for improved flow and added clarifications. Deleted Attachments 3 through 6.
12	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR).
13	04/24/2007	Revised to change title in responsibilities and body of procedure and to add statement (Note) from QAPD and remove verbiage about in-process records.
14	09/19/2007	Revised to address finding from U.S. Department of Energy, Carlsbad Field Office, Corrective Action Report 07-016, Audit A-07-24. Also revised to provide some clarifications within the procedure, added a step to address superseding and voiding of documents (i.e., Batch Data Reports, Nonconformance Reports), and added a note at the beginning of section 4.9 to address computer modeling results methods.
15	10/28/2009	Revised to make personnel title changes and name changes to organizations. Added section 4.7.1[G] for lost records as well as a section for receipt and handling of Official Use Only (OUO) and Unclassified Controlled Nuclear (UCN) documents.
16	07/06/2010	Revised to clarify and address the submittal of historical source documents.

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RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
17	11/02/2010	Revised to change the submittal process for Acceptable Knowledge (AK) documentation and section on historical source documents.
18	03/30/2011	Revised to support corrective action report (CAR)-LANL-0004-10.
19	08/02/2011	Revised to change the number of the form in the definition of retention period. Change to Section 4.8 for clarification.
20	08/10/2012	Revised to clarify editorial changes, transmitting of records, and destruction of QA records.
21	02/28/2013	Revised to incorporate Nuclear Waste Partnership (NWP) transition changes.
22	03/24/2014	Revised to include steps for the Record Index Module,addresses editorial guidelines for records, and to updaterecords section.
23	09/03/2014	Revised Sections 3.4 and 3.5 to clarify the responsibilities of Records personnel for verification of records. Updated Section 3.6 to agree with the actions assigned to the WIPP Records Management Services (WRMS) Manager in Section 4.15. Added Section 4.1.2. Revised Step 4.4.1[B] in response to Waste Isolation Pilot Plant (WIPP) Form 14-239. Added Step 4.4.1[E] clarifying that “Remarks” and “Comments” spaces may normally be left blank.
24	02/10/2015	Revised to add Sections 3.4.7 and 4.10.2[C] to require validation of PDFs to ensure that the hardcopy record matches the scanned image. Replaced the title “Lead Records Custodian” with “CCP Records Manager” throughout the document. Added a NOTE to Section 4.10.2[C] stating that the requirement to validate hardcopy records applies only to characterization records completed on or after the effective date of this revision. Updated information in Attachment 1, Written Request for Records Destruction (Example). Deleted Section 3.6, WIPP Records Management Services (WRMS).

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1.0 PURPOSE

This document outlines the Central Characterization Program (CCP) Records Management Program. The records program involves CCP Records and interaction with the Waste Isolation Pilot Plant (WIPP) and Records Management Services (WRMS) as outlined in this procedure.

1.1 Scope

This procedure applies to the creation, maintenance, use, and disposition of records generated by the CCP.

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2.0 REQUIREMENTS

2.1 References

Baseline Documents

- DOE/CBFO-94-1012, *U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document* (QAPD)

Referenced Documents

- *National Archives and Records Administration (NARA) Approved Record Schedules*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-028, *CCP Records Filing, Inventorying, Scheduling, and Dispositioning*
- DOE M 471.1-1, *Identification and Protection of Unclassified Controlled Nuclear Information Manual*
- DOE M 471.3-1, *Manual for Identifying and Protecting Official Use Only Information*
- EA15RM3002-2-0, *Records Inventory and Disposition Schedules (RIDS)*

2.2 Training Requirements

2.2.1 Personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan,* prior to performing this procedure.

2.3 Definitions

2.3.1 **Authentication** - Synonymous with validation.

2.3.2 **Computer System** - A configuration, or working combination, of hardware, software, and data communication devices.

2.3.3 **Destruction** - The physical destruction of records by shredding, incinerating, or other permanent means.

2.3.4 **Disposition** - The action taken regarding records no longer needed for current government business. Actions may include transfer to the Carlsbad Field Office (CBFO) Records Holding Facility or

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Federal Records Center, transfer from one federal agency to another, transfer of permanent records to the National Archives and Records Administration (NARA), or destruction of nonpermanent records.

2.3.5 **Electronic Record** - A record in a form that is readable only by a computer. Electronic records are most frequently recorded on media such as disk, diskette, tape, and tape cartridges.

2.3.6 **External Records** - Records generated by the waste generating sites (e.g., procurement records, procedures, radiological surveys, facility operating logs, container packaging records, historical source documents, etc.). These records are not subject to the requirements of this procedure concerning legibility, pagination, accuracy, completeness, or revision.

2.3.7 **Inactive Record** - A record no longer required to conduct government business and therefore dispositioned in accordance with approved records schedules and stored for authorized retention periods.

2.3.8 **Index** - A listing of records and cross-reference information. At a minimum, an index will indicate record location within the record filing and storage system.

2.3.9 **Internal Use Only (IUO)** - A document that has been identified as Internal Use Only (IUO) and is considered proprietary, which is not to be disseminated beyond the organization.

2.3.10 **Legible** - For the purpose of this document, legible means that the characters, letters, and numbers making up data or information contained in a record can be read without difficulty or magnification.

2.3.11 **Lifetime Quality Assurance (QA) Records** - Records that are required to be retained and preserved in an acceptable condition for the operating life of the repository (i.e., until termination of the repository permit). Prior to destruction of any lifetime record, it shall be evaluated for upgrade to a post-closure record.

2.3.12 **Magnetic Tape** - A tape with a magnetizable surface on which data can be stored and retrieved. A tape or ribbon of any material impregnated or coated with magnetic or other material on which information may be placed in the form of magnetically polarized spots.

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2.3.13 **Medium** - Refers to the physical form of recorded information such as paper, film, disk, magnetic tape, or other materials on which information can be recorded.

2.3.14 **Microfilming** - A photographic process used to record images of records on a fine-grain, high-resolution film in sizes greatly reduced from the original. Formats in general use are rolls of 16 millimeter (mm) images, pages of 16 mm images called microfiche, and 35 mm images mounted in aperture cards. Microform is a generic term for all microfilm formats.

2.3.15 **Migrate** - In electronic records, the process of moving from one computer system to another.

2.3.16 **National Archives and Records Administration (NARA)** - An independent government agency responsible for establishing policies and procedures for managing the records of the federal government. NARA exercises final authority for approving the disposition of government records.

2.3.17 **Nonpermanent Records** - Records having value for a specific, limited time and authorized by NARA (via approved disposition schedules) to be destroyed after that time. Nonpermanent records are sometimes referred to as temporary records.

2.3.18 **No Foreign National (NOFORN)** - No Foreign National (NOFORN) is a marking that identifies a document is not to be given to a person who is a foreign national – not a United States citizen.

2.3.19 **Nonrecord Material** - Those classes of documentary or other material that fail to meet the general definition of a record or fall under one of the following categories: (a) library or museum material made or acquired for reference or exhibition purposes; (b) extra copies of documents preserved only for convenience of reference on which no action is recorded or taken; (c) stocks of publications or other processed documents that require no action and are not part of a case on which action is taken; (d) routing slips and transmittal sheets adding no information to that contained in the transmitted material (i.e., concurrences or direction on how to proceed or implement); and (e) papers of a private or nonofficial character that pertain to an individual's private affairs.

2.3.20 **Official Use Only (OUO) Information** - Certain unclassified information that may be exempt from public release under the Freedom of Information Act and has the potential to damage governmental, commercial, or private interests if disseminated to persons who do not need to know the information to perform their

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jobs or other U.S. Department of Energy (DOE) authorized activities.

2.3.21 **Personal Papers** - Materials of a private nature maintained by personnel at their work place that DO **NOT** relate to, or have an effect on, the conduct of business or activities related to the CCP. Personal papers maintained in desks and file drawers in the work place must at all times be segregated and stored separately from records.

2.3.22 **Post-closure Records**

- Records that assist in preventing action that could impair the long-term isolation of the waste.
- Records preserving information that would prevent inadvertent human intrusion, such as the nature and hazard of the waste and locations of the geologic repository operation area, the underground facility, bore holes, shafts, and boundaries of the controlled area.
- Records providing information relevant to post-closure monitoring and assessment of performance of the repository system.
- Records preserving, for future generations, information regarding the geologic setting relevant to mitigation of releases of radioactive materials.
- Records which would be of significant value after decommissioning and closure of the repository.

2.3.23 **Privacy Record** - Any item, collection, or grouping of information about an individual that contains his or her name or other personal identifier.

2.3.24 **Project Participant** - Any DOE site, generator site, or contractor organization that participates in a CBFO program. Subcontractor's records are the responsibility of the participant.

2.3.25 **Project Records** - Records created or received in support of the CCP.

2.3.26 **QA Record** - An authenticated record that provides objective evidence of the quality of items or activities.

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2.3.27 **Record Medium** - Refers to the physical form of recorded information such as paper, film, disk, magnetic tape, or other materials on which information can be recorded.

2.3.28 **Records** - Those classes of documentary materials which may be disposed of only after the archival authority is obtained. The statutory definition of records (44 United States Code §3301, Definition of Records), "...includes all books, papers, maps, photographs, machine-readable materials or other documentary materials, regardless of physical form or characteristics, made or received by an agency of the United States government under federal law or in connection with the transaction of public business and preserved or appropriate for preservation by that agency or its legitimate successor as evidence of the organization, functions, policies, decisions, procedures, operations or other activities of the government or because of the informational value of the data in them." This definition applies to all departmental records including those created, received, and maintained by contractors pursuant to their contracts. Virtually all recorded information in the custody of the government (including information held by contractors which is considered by contract to be government information) regardless of its' media (hard copy, machine-readable, microform), is considered "government records." For the CCP, information meeting the above criteria is considered to be a record, unless it can be clearly identified as a nonrecord.

2.3.29 **Records Custodian** - An individual identified within an organization who is assigned the responsibility of, and trained for, assisting record originators regarding records management issues.

2.3.30 **WIPP Records Archive (WRA)** - A facility that meets the regulatory requirements for the storage of noncurrent records pending their destruction or transfer to a Federal Records Center or the NARA. The WIPP Records Archive (WRA) is located in Carlsbad, New Mexico.

2.3.31 **Records Inventory and Disposition Schedule (RIDS)** - The DOE form used to indicate the appropriate disposition of records. The purpose and content of the form may be placed in electronic media as long as all the requirements of the form are met.

2.3.32 **Record Series** - File units or documents arranged according to a filing system or kept together because they relate to a particular subject or function; result from the same activity; document a specific kind of transaction; take a particular physical form; or have some other relationship arising out of their creation, receipt, or use, such as restrictions on access and use. A record series may also

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include related elements physically separated from it such as finding indexes or large documents (also sometimes called a file series). These records are generally handled as a unit for disposition purposes.

2.3.33 **Software Generated** - A form that is generated by controlled software that performs approved calculations.

2.3.34 **Unclassified Controlled Nuclear Information (UCNI)** - Certain unclassified but sensitive Government information concerning nuclear material, weapons, and components whose dissemination is controlled under section 148 of the Atomic Energy Act.

2.3.35 **Record Systems** - A common, integrated set of manual and/or automated activities for creating and identifying; collecting and controlling; processing and organizing; distributing; microfilming; storing and preserving; retrieving; and disposing of records applicable to preparation for storage, as well as the storage of machine readable records such as magnetic tapes, floppy disks, etc.

2.3.36 **Retention Period** - The period of time approved by NARA for records to be retained, whether in the originating office, Records Storage Facility or a Federal Records Center. The retention period is indicated on EA15RM3002-2-0, *Records Inventory and Disposition Schedules (RIDS)*.

2.3.37 **Uniform File Code (UFC)** - A standard filing system for correspondence records required by the DOE.

2.3.38 **Unscheduled Records** - Records for which no disposition authority has been identified on an approved disposition schedule.

2.3.39 **Validation/Authentication** - An activity that certifies the content of a document as being authentic and complete. This certification is documented by signing (or initialing) and dating the document unless otherwise authenticated. Validation/authentication may be made by the author, assigned reviewers, or individual(s) specifically assigned to review and validate documents.

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3.0 RESPONSIBILITIES

3.1 CCP Manager or Designee

3.1.1 CCP Manager has the overall responsibility and authority for the content of records generated.

3.1.2 Verifies that the organization has a current approved RIDS.

3.1.3 Verifies that records are retained in accordance with retention requirements and not inadvertently or prematurely destroyed.

3.1.4 Verifies the timely disposition of records through in-house destruction.

3.1.5 Verifies that personnel are aware of the requirements to retain records according to approved retention requirements.

3.1.6 Provides adequate records management resources in the form of staff, equipment, and dedicated time to verify good record keeping practices.

3.1.7 Obtains written concurrence to destroy records exceeding their retention periods.

3.2 Cognizant Manager

3.2.1 Identifies those documents that become records.

3.2.2 Determines if the work activities are quality-affecting.

3.2.3 Identifies records in the implementing procedures.

3.3 CCP Records Manager or Designee

3.3.1 Acts as the liaison between the CCP and WRMS for records management.

3.3.2 Carries out the records management duties in accordance with approved implementing procedures.

3.3.3 Determines which nonpermanent records series are eligible for destruction.

3.3.4 Informs the CCP Manager or designee of the records that have expired retention periods.

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3.3.5 After receiving approved written concurrence, dispositions the quality assurance (QA) and/or non-QA records.

3.3.6 Prepares and revises the RIDS in accordance with CCP-QP-028, *CCP Records Filing, Inventorying, Scheduling, and Dispositioning,* and verifies the RIDS remain current.

3.3.7 Identifies records that are eligible for in-house destruction.

3.3.8 Assists personnel with record retrieval from CCP Records as required.

3.3.9 Assists in obtaining approved disposition authorities for unscheduled records from NARA.

3.4 Records Custodian

3.4.1 Carries out the records management duties in accordance with approved implementing procedures.

3.4.2 Transmits completed QA records to the Host (generator/storage) site records centers or WIPP Records Archives (if applicable).

3.4.3 Assists personnel with record retrieval from CCP Records, as required.

3.4.4 Verifies that Records are legible and that there are no missing signatures.

3.4.5 Ensure that the Attachment 2, CCP Records Transmittal/Receiving Form, is in agreement with the transmitted record.

3.4.6 Enter all QA records into the Records Index Module.

3.4.7 Perform a validation before transfer of PDF's to ensure that the hardcopy record matches the scanned image.

3.5 Facility Records Custodian

3.5.1 Coordinates the compilation and the transfer of records generated at the Host (generator/storage) sites.

3.5.2 Verifies that records are legible and that there are no missing signatures.

3.5.3 Ensure that the Attachment 2 is in agreement with the transmitted record.

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3.5.4 Enter all QA records into the Records Index Module.

3.5.5 Manages the transfer of completed and in-process records to CCP Records.

3.5.6 Assists personnel with record retrieval from CCP Records where applicable.

3.5.7 Carries out the records management duties in accordance with approved implementing procedures.

3.6 Personnel

3.6.1 Generates the necessary records that document the activities assigned to them. Each individual who creates records must verify the record(s) are legible, accurate, and complete, appropriate to the work accomplished.

3.6.2 Are aware of, and provide reasonable protection during the generation and processing of records intended to become QA Records.

3.6.3 Ensures that records are legible, accurate and complete, accurate to the work accomplished, when generating, reviewing and validating records.

3.6.4 Ensures that records are not inadvertently or prematurely destroyed.

3.6.5 Coordinates records issues with the respective Records Custodian(s)/Facility Records Custodian(s).

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4.0 PROCEDURE

4.1 Generation of Records

Cognizant Managers

4.1.1 Prior to conducting a work activity:

[A] Identify those documents that become records.

[B] Determine if the work activities are quality-affecting.

[C] Identify records in the implementing procedures.

NOTE

Records may be originals **OR** reproducible copies; however, original documents are preferred.

4.1.2 Documents referenced by final reports, except readily available references such as encyclopedias, dictionaries, engineering handbooks, national codes and standards etc. shall be retrievable from records files. Preparers of such records shall ensure that the documents are entered into the record system.

4.2 Legibility

Personnel

NOTE

Reproducible ink should be used whenever possible to verify maximum contrast on printed records. Records created in black ink typically produce better quality copies than do records printed in other color inks.

NOTE

Highlighter marking pens SHALL **NOT** be used on records. Bolding or underlining text are preferred alternatives to highlighting.

4.2.1 Verify that the records generated are legible and reproducible. If there is doubt, copy the record and then recopy the copied record (copy-a-copy test) to check the copied copy for legibility.

4.3 Accuracy

4.3.1 Verify that records are accurate to the work accomplished.

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4.4 Completeness

4.4.1 Verify that records are complete per the following:

[A] Blank spaces are filled in where information is required to be entered making the document complete.

[B] Not Applicable (N/A or NA) is entered in spaces where information is not applicable or as otherwise indicated.

[C] Blank spaces are acceptable when a record is a software generated page/form which performs calculations.

[D] The document's intent is clear, even with some blanks not filled in. If so, the record is acceptable as is. A blank space in a record does not, in itself, make the record incomplete. For example:

Is the indicator light illuminated?
__✓___YES _____NO

This is an acceptable method of recording information, even when the NO space is blank.

[E] "Remarks" and/or "Comments" spaces may be left blank, unless a condition identified during the associated activity necessitates further explanation by way of a remark or comment.

NOTE

Individuals handling documents intended to become QA Records shall provide reasonable protection for the records from damage or loss until the records are submitted to the records system (this includes documents generated during field operations).

4.5 Storage, Maintenance, Control, and Protection of QA Records

4.5.1 Store, maintain, and protect completed QA records as follows:

[A] In an Underwriter Laboratories-listed one-hour fire rated (or equivalent) container, or a container certified by a person competent in the technical field of fire protection,

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[B] Retain a copy in a location sufficiently remote from the original to preclude destruction as a result of a single event such as fire or natural disaster,
ALSO

[C] Provide adequate protection of the QA records within the storage location to minimize the risk of damage or loss from humidity, natural disasters, adverse weather conditions, mold or infestations of insects or rodents.

[D] DO **NOT** store QA records where they may be exposed to water or heat sources, **OR** where food is kept.

4.5.2 Access

[A] Prevent access to QA records by unauthorized personnel as follows:

NOTE

Authorization must be documented either by signature and date on posted list, **OR** by letter on file. Authorization will be done by the CCP Manager or designee. The authorization list must be kept current.

[A.1] Generate, post, and maintain a list designating the personnel who are authorized and permitted access to the QA records.

NOTE

Provisions for installation of locking mechanisms will be made for storage areas requiring controlled access. Authorized personnel allowed access to the storage areas will be given the lock code **OR** controlled location of the keys.

[A.2] Protect locking mechanisms for storage cabinets/areas that require controlled access.

[A.3] Store all records not currently being used in appropriate storage equipment (e.g., file cabinets, shelving, desks).

[A.4] Lock file cabinets and offices as appropriate when leaving controlled access areas.

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4.6 Records Separation and Availability

NOTE
Records will be separated from non-records and personal papers.

4.6.1 Provide a means to retrieve records by indexing with one of the following methods:

[A] Numerically (such as audit case files):

OR

[B] By subject, with guides dividing different subjects.

4.7 Corrections, Additions, Revisions, Supplements, and Lost Records

NOTE
When in-process record/records intended to become QA Records are being generated they shall be maintained (do not remove or destroy) and if corrections are required, then perform this by proper correction, superseding, or voiding as directed in the following sections of this procedure.

4.7.1 Make necessary changes, additions, revisions and supplements in accordance with the following guidelines:

[A] Corrections

[A.1] Correct errors by drawing a single line through the incorrect information (leaving the original text readable), entering the correct information, **AND** initialing and dating each correction made.

[A.2] DO **NOT** use correction fluid (white-out) or correction tape on records.

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NOTE

Editorial changes may be made to records without the same level of review and approval as the original record. Editorial changes include ONLY the following:

- Clarification statements that do not affect the purpose of the record;
- Correcting grammar or spelling (the meaning has not changed);
- Renumbering sections, attachments or pagination;
- Date(s) that do **NOT** impact final disposition;
- Transcription errors;
- Sections that require N/A, but were left blank.

[A.3] Provide corrected or changed records (except for editorial changes) that have been validated back to the originating organization for review and revalidation.

NOTE

Original records may not be available for remote personnel to make necessary changes; therefore a printed copy of the scanned image from CCP Records may be used to make the changes. Changes will be transmitted in accordance with step 4.10.1.

[A.4] **IF** the original document is unavailable to the individual making a change to a record,
THEN use a printed copy of the scanned image from CCP Records and make the change. This will then become the original.

[B] Additional Notations

[B.1] **IF** any additional information needs to be added to a record after validation,
THEN enter the notation, **AND** initial and date each notation(s) made.

[C] Revisions, Regeneration, and Supplements

[C.1] **IF** a record needs to be revised due to illegibility or damage,
THEN transcribe **OR** enhance the illegible, or damaged, portion of the record **AND** initial and date each part transcribed or enhanced.

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[C.2] **IF** a record must be regenerated due to damage, **THEN** regenerate the record and place a notation at the bottom of the regenerated page, "This record has been regenerated because of damage," sign, and date. Place the regenerated record in front or on top of the original damaged record.

[C.3] **IF** a record has already been sent to CCP Records, **AND** needs a supplement or revision, **THEN** contact CCP Records.

NOTE

The following is a standard way to add new pages to a document, to supersede a page, and to add a corrected page.

[D] Adding Pages to Documents

[D.1] When adding pages to a document, place new pages behind the page within the document that they will follow.

Example: The new pages are to be added right after page 35 within the document. Place the new pages behind page 35, **AND** number the new pages 35A, 35B, 35C.

[D.2] **IF** the pages are added to the end of the document, **THEN** number them in sequential order.

Example: The last page of the document is page 40. Place the new pages after page 40, **AND** number the new pages as 41, 42, 43.

[E] Superseding Pages

[E.1] When superseding a page with a new, corrected page, draw a single, diagonal line through the entire page to be superseded **AND** initial and date.

[E.2] Place the new, corrected page to the front of the superseded page. Using the page number on the now superseded page, number the new, corrected page with the same number, then renumber the superseded page with the same number and an additional character (i.e., A, B, C).

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Example: Superseded page was numbered 35. The new, corrected page will now be numbered 35, **AND** the superseded page will change to 35A.

[F] Superseding or Voiding of Whole Documents

[F.1] When superseding or voiding a whole document (not just pages within a document [i.e., BDRs, Nonconformance Reports]) stamp or write "superseded" or "void" on the first page of the document **AND** initial and date.

[G] Lost Records

[G.1] **IF** replacement or restoration of the record is **NOT** practical,
THEN action should be taken to ensure the quality of the items or activities affecting quality, by using re-examination, investigation, or by other means.

4.8 QA Record Authentication/Validation

NOTE
Records become QA records when they are completed and authenticated/validated.

NOTE
Individuals who review and authenticate/validate records are responsible for the completeness and accuracy of those records.

[A] Authenticate/validate QA records through one of the following methods:

[A.1] Initial **OR** sign and date hard copy records, unless otherwise authenticated/validated.

[A.2] **IF** the nature of the record precludes signing,
THEN validate the QA record using any reasonable form which clearly indicates that an authorized individual believes the record to be complete and accurate.

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4.9 Protection, and Preservation of Computer Generated Electronic Records

NOTE

There are two types of electronic records:

- Electronic records that can be printed in a hard copy format.
- Electronic records that cannot be printed in a hard copy format.

Where the electronic copy is not converted to hard copies it must be managed in accordance with the guidelines contained in this section. Properly performing these steps will ensure that electronic records are in compliance with the applicable requirements.

NOTE

Computer modeling results (e.g., Monte Carlo N Particle [MCNP], Origen2.2) that perform statistical and random computer runs of radionuclide distributions will not be maintained but summarized in the hardcopy calculation packages. The calculation packages document these computer runs and shall define the range of possible values, the methodology for randomly selecting from this range, and a representative example of the input values and output result.

NOTE

Electronic media for historical source documents transmitting Adobe portable document format (PDF) files or electronic databases may be compact discs (CDs) or digital video discs (DVDs).

4.9.1 Protection

[A] To minimize the risk of unauthorized additions, deletions, or alterations to electronic files, use power-on, file passwords, or control lists to control any unauthorized access.

[A.1] Place electronic records, when complete to read/write protection.

[B] Provide access of electronic records to authorized staff.

[C] Provide access in the work area of electronic file indices printouts, logs, disk labeling, **OR** other means to facilitate retrieval of active records by authorized users. Indicate the method used (including the directory path, if applicable) to transfer the information, the date compressed (if applicable), and file encryption information.

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4.9.2 Preservation

[A] Preserve records for the duration of their authorized retention period to verify their availability and provide verification of work performed by the facility and its supporting agencies.

4.9.3 Storage

[A] Label all electronic media (computer generated) used to store records properly with the following: originating organization, filename, retention period (obtain from CCP Records), original software used, and the version of the software.

4.9.4 Media Backup

[A] Back up electronic records on a regular basis to safeguard against the loss of information due to equipment malfunctions or human error.

4.9.5 Hardware/Software Changes

[A] Protect records media **AND** migrate information before the media is no longer useful.

[A.1] As software programs change, transfer existing records to the newer software program.

[A.2] As hardware is phased out or upgraded, verify that all existing records can be read utilizing the new hardware.

(a) **IF** new software and hardware will **NOT** read the current electronic record(s),
THEN migrate the records to a more accessible media.

(b) **IF** migration is **NOT** possible,
THEN retain either the old software and hardware **OR** make a printout of the data **AND** file the hard copy.

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4.10 Transmitting Records

NOTE
Transmitting completed QA records is for records going from one location or site to another.

NOTE
Records being forwarded within a Host site location or between Project-Office personnel DO NOT need an Attachment 2. Completed QA Records being sent from one location or site to another will be sent using Attachment 2.

4.10.1 Transmitting Completed QA Records

[A] Send completed QA records (e.g., BDRs) via Attachment 2 to the Records Custodians/Facility Records Custodians.

[B] Before the completed QA record is transmitted, make a copy of Attachment 2 and the record, **AND** retain until receipt acknowledgement is received from the recipient.

NOTE
Transmittal of completed characterization records to the Host (generator/storage) site (when available) is performed according to the site-specific procedure regarding the submittal of characterization records to their records center. These characterization records will be maintained in accordance with their site-specific records procedures.

NOTE
Records that are designated as lifetime records shall be maintained for the life of the waste characterization program at a participating generator/storage site plus six years, or transferred to the WIPP Records Archive facility. Records designated as non-permanent records shall be maintained for 10 years from the date of record/generation at the participating generator/storage site, or at the WIPP Records Archive facility.

Records Custodian

4.10.2 Transmitting of Completed Characterization Records to the Host (generator/storage) Site or WIPP Records Archive (as applicable)

[A] Return characterization records to the Host (generator/storage) site location or WIPP Records Archive (as applicable) either at pre-determined intervals **OR** at that end of the waste characterization process in accordance with approved RIDS.

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[B] **IF** the Host (generator/storage) site is closed and will no longer be in operation,
THEN submit the documentation pertaining to that site to CBFO for permanent archiving, **OR** the WIPP Records Archive at the end of the waste characterization process in accordance with approved RIDS.

NOTE
The requirement to validate hardcopy records against scanned images applies only to completed characterization records where the final date is on or after the effective date of Revision 24 of this procedure. Characterization records completed prior to this date may be transferred without performing this step.

[C] Perform a validation before transfer of PDF's to ensure that the hardcopy record matches the scanned image.

[C.1] Upon completion of validation mark first page as validated and initial and date.

NOTE
The Waste Confirmation Organization represents the permittees and is required to confirm that waste shipments comply with permit requirements prior to shipment.

4.10.3 Transmitting of Waste Confirmation Video and Audio Media Recording

[A] Transmit one copy of the video and audio recording media to the Waste Confirmation Organization.

4.11 Unclassified Controlled Nuclear Information (UCNI) and Official Use Only (OUO) Documentation

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NOTE

Transmission of UCNI or OUO documents must be by means that preclude unauthorized disclosure or dissemination.

NOTE

UCNI documentation must include the required release and markings identified in DOE M 471.1-1, *Identification and Protection of Unclassified Controlled Nuclear Information Manual*. OUO documentation must include the required release and markings identified in DOE M 471.3-1, *Manual for Identifying and Protecting Official Use Only Information*.

4.11.1 Transmitting of UCNI and OUO Documents

[A] Documents identified as UCNI must be transmitted to CCP Records with an Attachment 2 and the transmittal must have the following statement placed in the comment section:

Matter transmitted contains Unclassified Controlled Nuclear Information. When separated from enclosures, this transmittal document does not contain UCNI.

[B] Documents identified as OUO must be transmitted to CCP Records with an Attachment 2 and the transmittal must have the following statement placed in the comment section:

Document transmitted contains OUO information.

[C] When transmitting externally:

[C.1] The UCNI or OUO matter must be contained in a single opaque envelope or wrapping with the recipient's address, a return address, and the words "To Be Opened by Addressee Only."

[C.2] Must be sent by the following U.S. mail methods: First Class, Express, Certified, or Registered Mail,

OR

[C.3] Any commercial carrier, FedEx is preferred.

[D] When transmitting internally the documents may be hand carried as long as the transmitter can maintain control over access to the document being transmitted.

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4.11.2 Access and Protection of UCNI and OUO Documents

NOTE
When giving an authorized individual a copy of an UCNI or OUO document, the requirements they will be expected to perform while the document is in their possession must be made clear to the individual, see requirements below.

NOTE
Only authorized individuals may have access to UCNI or OUO documents (e.g., an individual with an official need to know in connection with the performance of official DOE-authorized activities).

[A] Disseminate UCNI or OUO documentation to only authorized individuals.

[B] Must maintain physical control of UCNI or OUO documentation to preclude unauthorized disclosure; store in locked receptacles, such as file cabinets, desks, or bookcases.

[C] Reproduce only to the minimum extent necessary.

[D] When a copy machine malfunctions during the copying of an UCNI or OUO document the copier must be cleared and all paper paths checked to verify that no UCNI or OUO material remains in the machine.

[E] After its necessary use by an authorized individual, all copies of UCNI or OUO documentation must be destroyed by using strip cut shredders that result in particles of no more than ¼- inch wide strips or if on a CD the shredding of the disc.

[F] Electronic UCNI or OUO documentation (e.g., PDF) maintained by CCP Records will be stored on a protected server and the files will be properly marked as UCNI or OUO.

4.12 Internal Use Only (IUO) and No Foreign National (NOFORN)

4.12.1 Transmitting of IUO and NOFORN Documents

[A] Documents identified as IUO or NOFORN must be transmitted to CCP with an Attachment 2 and the transmittal must have it clearly identified in the Comments section that the document being transmitted is IUO or NOFORN.

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4.12.2 Access and Protection of IUO and NOFORN

NOTE
Only individuals within the project may have access to IUO documents. Dissemination outside of the project will not be permitted.

[A] Disseminate IUO to internal project participants only. NOFORN is not to be disseminated to any Foreign National.

[B] Must maintain physical control of IUO or NOFORN to preclude unauthorized disclosure; store in locked receptacles, such as file cabinets, desks, or bookcases.

[C] Reproduce only to the minimum extent necessary.

[D] After its necessary use by an authorized individual, all copies of IUO and NOFORN must be destroyed by a paper shredder or if on a CD the shredding of the disc.

[E] Electronic IUO or NOFORN documentation (e.g., PDF) maintained by the CCP Records will be stored on a protected server and the files will be properly marked as IUO or NOFORN.

4.13 Receiving QA Records

4.13.1 Receipt process provides the following:

[A] Provisions to permit a current and accurate assessment of the status of QA records.

[B] A method for identifying the records required to be included in the records system.

[C] A method for identifying the records that have been received.

[D] Procedures for receipt and inspection of incoming records, including verification that the QA records are received in agreement with the transmittal document and that the records are legible.

[E] Provisions to control and protect the records from damage or loss during the receiving processes.

[F] A method for submittal of completed records to the storage facility without unnecessary delay.

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4.13.2 The Facility Records Custodian assigned at each Host (generator/storage) site is responsible for receipt and transmittal of QA records. In the event that a Facility Records Custodian has not been assigned to a Host site, the CCP Records Manager will designate the person or organization responsible for receiving records.

4.13.3 Ensure that the Attachment 2 is in agreement with the transmitted record and that it is legible.

[A] **IF NOT**,
THEN notify the sender and perform the following:

[A.1] Work to resolve the issues with the sender.

[A.2] **IF** unable to resolve the issues,
THEN identify the record was rejected on Attachment 2 and return Attachment 2 and record to the sender.

4.13.4 Enter all QA records into the Records Index Module.

NOTE

Once QA records have been received in CCP Records, original records will **NOT** be removed without a specific need for the original record to be released. If an original record is removed from CCP Records, it is to be returned within fourteen (14) calendar days.

4.14 Retrieval of Original Records from CCP Records at the Project Office

4.14.1 Requests for retrieval of **ORIGINAL** records are handled as follows:

[A] Requestor, provide a written request to CCP Records providing the reason for the request and when the record will be returned.

Records Custodian/Facility Records Custodian

4.14.2 Process requests for retrieval of records already placed into CCP Records as follows:

[A] Pull the requested record.

[B] Make a copy of the record or assure that there is a PDF copy of the record.

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[C] **IF** there is not a PDF scanned copy of the record, **THEN** place a copy of record into the records file.

[D] Place a completed Check Out Card in the record file.

[E] Notify requestor of availability of the requested record for pick-up **OR** deliver the **ORIGINAL** requested record to the person who made the request.

4.15 Destruction of QA and Non-QA Records

4.15.1 Destruction of QA Records

[A] DO **NOT** destroy QA records until each of the following conditions are met:

[A.1] Expiration of the NARA approved retention, as noted in the CCP RIDS, has occurred.

[A.2] Evaluation of lifetime records for the potential need to upgrade them to post-closure records has been performed by the CCP Manager or designee.

[A.3] CCP Manager or designee determines if regulatory requirements are satisfied, operational status permits the disposal of such records, and the related contractual requirements have been satisfied.

[A.4] In cases of conflicting requirements concerning records retention requirements, the most stringent requirements shall be used in determining the final disposition.

AND

[A.5] CCP Manager or designee determines that there are no enforcement actions against the CCP.

NOTE

QA records that may be relevant to an enforcement action, regardless of disposition, will be maintained until the New Mexico Environment Department (NMED) determines they are no longer needed for enforcement action, and then the records may be dispositioned as directed in step 4.15.2.

[B] **IF** all of the listed conditions are **NOT** met, **THEN** DO **NOT** destroy the affected records series, **AND** CCP Manager or designee, follow step 4.15.3.

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[C] **IF** all of the listed conditions are met,
THEN CCP Manager or designee complete the Written Request for Records Destruction, (See Attachment 1, Written Request for Records Destruction), for an example **AND** submit to the WRMS Manager before destroying QA records.

[D] Upon receipt of the approved written concurrence, CCP Manager or designee forward the approval to the CCP Records Manager or designee.

CCP Records Manager or Designee

[E] Receive the approved written concurrence and disposition the QA records.

4.15.2 Destruction of Nonpermanent, Non-QA Records

CCP Records Manager or Designee

[A] Determine which nonpermanent records series are eligible for destruction by reviewing the RIDS to determine the length of time the records series is to be retained.

[B] Inform the CCP Manager or designee of the records which have expired retention periods.

CCP Manager or Designee

[C] **IF** in agreement,
THEN the CCP Manager or designee, completes and forwards Written Request for Records Destruction, including a reference to the current RIDS, to the WRMS Manager before destroying the nonpermanent, non-QA records.

CCP Records Manager or Designee

[D] After receiving the approved written concurrence, disposition identified non-permanent or non-QA records.

4.15.3 Requesting an Extension of the Record Retention Period

[A] **IF** the CCP Manager or designee determines that the approved record retention period needs to be extended,
THEN CCP Manager or designee, perform the following:

[A.1] Send a memorandum to the WRMS Manager with a request and justification of an extension.

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[A.2] Maintain the memorandum with the respective RIDS.

[A.3] Take the appropriate action, depending on the response to the memorandum.

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5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as QA records in accordance with the requirements of this procedure. The records are the following:

5.1.1 Non-QA

[A] Written Request for Records Destruction

[B] Written Request for Retrieval of Original Record

[C] Request for Extension Memorandum

5.1.2 QA/Nonpermanent

[A] Attachment 2 – CCP Records Transmittal/Receiving Form

[B] Records Index Module

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Attachment 1 – Written Request for Records Destruction (Example)

Nuclear Waste Partnership

John Smith
Technical & Field Engineering, Incorporated
2101A South Canal
Carlsbad, NM 88220

SUBJECT: REQUEST FOR CONCURRENCE TO DISPOSE OF RECORDS

Dear Mr. Smith:

This is a request for concurrence to dispose of the following record series according to our current Records Inventory and Disposition Schedule dated April 10, 2004.

RECORD SERIES	RETENTION PERIOD	INCLUSIVE DATES
Landlord Housekeeping Pre-checklists - Item #24	1 year	January, 2003 through July, 2003
Key Inventory Logs - Item #17	2 years	January, 2002 through June, 2002

If you have any questions, please contact Ms. Jane Smith, of my staff, at (575)555-5555.

Sincerely,

David Doe
Characterization Project Manager

CONCURRENCE:

John Smith, Manager
WIPP Records Management Services (WRMS)

SP: ab

cc: J. Smith, Technical & Field Enginnering

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Attachment 2 – CCP Records Transmittal/Receiving Form

CCP Records / Records Custodian, 4021 National Parks Highway - MS: GSA 212, Carlsbad, New Mexico 88220

Telephone Number: 575-234-7523

Fax Number: 575-234-7033

Attn:		From:	
Ship to:		Site:	
		Company:	
		Telephone Number:	
		Date Sent:	
Telephone Number:			

Document Number	Title / Description	Record Date	Total Pages

Comments

(When the Record accepted line has been completed, the rest of the page below may be left blank.)
Acceptance/Rejection Signature and Date

Records Accepted ☐ _____ _____ _____
Signature Printed Name Date

Records Rejected ☐ _____ _____ _____
Signature Printed Name Date

Reason for Rejection:

Re-submittal: _____ _____ _____
Signature Printed Name Date

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CCP-QP-021

Revision 10

CCP
Surveillance Program

EFFECTIVE DATE: 04/28/2014

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

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RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
3	06/03/2002	Section 2.0, Requirements (page 2): Change the first paragraph after the bullets to read as follows: "Planned and periodic surveillance will be conducted to measure item and service quality, process effectiveness, and promote improvement. The organization performing the assessments will have sufficient authority and freedom from the activities being assessed to carry out its responsibilities. Persons conducting surveillances will be qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan*, and knowledgeable of the items and activities being assessed."
4	05/24/2004	Revised Sections 1.1, 2.0, 2.3, 2.4, 4.0, 5.0 and Figure 2.
5	11/16/2006	Reengineered Surveillance Program to make it more comprehensive, to ensure findings are identified and tracked, and to ensure consistency amongst CCP Quality Assurance (QA) personnel, and to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit-requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR). Addressed Carlsbad Field Office (CBFO) Document Review Record (DRR) comment.
6	12/10/2008	Revised to delete reference to “assessments” incorporate conditions Corrected During Surveillance (CDS) and clarify training and qualification of surveillance personnel.
7	05/07/2010	General revision to clarify follow-up to observations and provide clarity of text.
8	01/16/2013	Revised to incorporate Nuclear Waste Partnership (NWP) transition changes.

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RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
9	10/23/2013	General revision: changed notes to action steps, rearranged action steps in chronological order, added definitions, deleted Surveillance Log Attachment Example, added action step for Surveillance Log detail, added Surveillance Checklist Example Attachment, updated titles, improved Surveillance Report format, improved Surveillance Plan format, deleted CCP-QP- 029, *CCP Corrective Action Management,* and CARs, replaced CARs with WIPP Forms, renumbered sections and paragraphs more logically, replaced CCP-QP-002, *CCP Training and Qualification Plan,* with CCP-QP-040, *Support Training,* clarified when notification is required, deleted Surveillance Checklist from Records, made editorial corrections.
10	04/28/2014	Revised to address Carlsbad Field Office (CBFO) Corrective Action Reports (CARs) 14-034 and 14-035. Also added WP 13-QA.04, *Quality Assurance Department Administrative Program*, as an acceptable procedure for qualification of surveillance personnel.

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1.0 PURPOSE

This procedure specifies the steps for independent quality assurance (QA) surveillances, and establishes the process and responsibilities for planning, conducting, documenting, reporting, and following up surveillances of the Central Characterization Program (CCP).

1.1 Scope

This procedure applies to CCP organizations, facilities, and personnel conducting surveillances of TRU waste characterization. Planned and periodic surveillances will be conducted to measure item and service quality, process effectiveness, and to promote improvement. The organization conducting the surveillance will have sufficient authority and freedom to carry out its responsibilities. Persons conducting surveillances will complete a Quality Assurance Surveillance Personnel Qualification Card prepared and approved in accordance with CCP-QP-040, *Support Training,* or WP 13-QA.04, *Quality Assurance Department Administrative Program,* and be knowledgeable of the items and work assessed.

1.2 Definitions

Corrected During the Surveillance	An isolated condition adverse to quality which can be corrected and verified by review of objective evidence before the surveillance concludes.
Finding	A violation of a quality assurance requirement requiring documentation by Nonconformance Report or Waste Isolation Pilot Plan (WIPP) Form.
Objective Evidence	Any documented statement of fact, other information, or record, either quantitative or qualitative, pertaining to the quality of an item or process, based on observation, measurement, or test which can be verified.
Observation	A condition that, if not addressed, may deteriorate into a finding.
Other Condition Requiring Resolution (OCRR)	A violation of a non-quality assurance requirement that requires documentation and followup by entry in the Commitment Tracking system (CTS).
Recommendation	A suggestion that, if implemented, might improve compliance with the quality assurance program.
Surveillance	Monitoring or observing to verify whether an item or process conforms to specified requirements.

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2.0 REQUIREMENTS

2.1 References

Baseline Documents

- WP 13-1, *Nuclear Waste Partnership LLC Quality Assurance Program Description*

Referenced Documents

- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-QP-040, *Support Training*
- WP 13-QA.04, *Quality Assurance Department Administrative Program*
- WP 15-GM1002, *Issues Management Processing of WIPP Forms*

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3.0 RESPONSIBILITIES

3.1 Assurance Programs Manager

3.1.1 Ensures implementation of the surveillance program as specified in this procedure.

3.1.2 Approves the surveillance schedule.

3.1.3 Ensures that surveillance personnel have successfully completed a Quality Assurance Surveillance Personnel Qualification Card.

3.1.4 Ensures surveillance personnel have sufficient authority and organizational freedom to carry out their assigned responsibilities.

3.1.5 Assigns Surveillance Lead.

3.1.6 Informs the Nonconformance Report (NCR) Coordinator, CTS Coordinator, and Nuclear and Worker Safety Compliance Coordinator about findings.

3.2 Surveillance Lead

3.2.1 Selects the Surveillance Team Members and ensures they meet qualification requirements.

3.2.2 Informs the surveillance team regarding the Plan, assignments, etc.

3.2.3 Notifies affected organizations of surveillances, when applicable.

3.2.4 Develops the surveillance plan.

3.2.5 Approves surveillance checklists, when used.

3.2.6 Organizes and directs the surveillance.

3.2.7 Reports the surveillance results.

3.2.8 Follows up on observations and findings identified in previous surveillances or other assessments, or NCR or WIPP Form dispositions.

3.3 Surveillance Team Members

3.3.1 Identifies the criteria to be used during the surveillance.

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3.3.2 Develops the surveillance checklist(s), when applicable, under the direction of the Surveillance Lead.

3.3.3 Periodically informs the Surveillance Lead of progress and problems with assigned tasks during the surveillance.

3.3.4 Notifies the Responsible Manager and Surveillance Lead when potentially unsafe conditions are identified.

3.4 Surveillance Coordinator

3.4.1 Develops and maintains a surveillance schedule.

3.4.2 Develops and maintains a Surveillance Log.

3.4.3 Develops at least annually and maintains surveillance schedules that document planned surveillances.

3.5 Responsible Manager of Area Assessed

3.5.1 Corrects conditions adverse to quality and tracks and follows up on Observations, and OCRRs identified during the surveillance.

3.6 CTS Coordinator

3.6.1 Enters CTS data into the WIPP CTS for tracking and follow-up when applicable.

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4.0 PROCEDURE

4.1 Schedule the Surveillance

Assurance Programs Manager

4.1.1 In coordination with Management, identify work to be assessed by surveillance.

Surveillance Coordinator

4.1.2 Prepare and maintain the surveillance schedule based on QA and Management input.

4.1.3 Assign a unique Surveillance number to each surveillance and document the following in a Surveillance Log:

- Surveillance number
- Item, process, organization, or procedure to be assessed
- Date the surveillance is planned to begin.

[A] The Surveillance number is represented by:

- SUR-xxxxxx-yy-zz, where:
- “SUR” represents the designator for surveillance
- “xxxxxx” represents the facility (CCP, INL, LANL, ORNL, RL, SRS, RHANL, etc.) (when applicable to remote-handled waste, include “RH” as a prefix to the site designator [e.g., Los Alamos National Laboratory remote-handled waste = “RHLANL”])
- “yy” represents a sequential number, beginning “-01-” each calendar year
- and “zz” represents the final two digits of the calendar year in which the surveillance is initiated.

[B] Examples of surveillance numbers:

- SUR-RHINL-01-13
- SUR-SRS-94-13
- SUR-CCP-15-13

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4.1.4 Obtain Assurance Programs Manager approval of the schedule.

Assurance Programs Manager

4.1.5 Assign a Surveillance Lead for each scheduled surveillance.

[A] Select personnel who have no direct responsibility for the work to be assessed.

4.1.6 Approve the surveillance schedule.

4.2 Plan and Conduct the Surveillance

Surveillance Lead

4.2.1 Obtain a Surveillance Number from the Surveillance Coordinator.

4.2.2 Select Surveillance Team Members as needed, based on expertise, availability, experience, objectivity, and the scope, complexity, or special nature of the work to be assessed, with the following in mind:

- Surveillance Team Members shall be qualified to conduct surveillances in accordance with CCP-QP-040 or WP 13-QA.04
- Personnel having direct responsibility for work to be assessed shall NOT be involved in the selection of the team
- Surveillance Team Members shall have the authority to conduct surveillances, and shall be independent from the organization to be assessed
- During surveillance, technical specialists may be used to assist with assessment of the adequacy of technical attributes
- The Surveillance Lead will ensure technical specialists are knowledgeable of the technical attributes to be assessed, and that they receive the same instructions as other team members.

4.2.3 Prepare the Surveillance Plan (See Attachment 1, Surveillance Plan Example) to address the following priorities:

- Monitor work in progress

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- Document compliance or noncompliance with established requirements and procedures
- Identify actual and potential conditions adverse to quality
- Obtain timely corrective action commitment from responsible managers for identified conditions adverse to quality
- Notify responsible managers of the quality status of work
- Verify effective implementation of corrective action.

4.2.4 Review the Plan with Surveillance Team members, including pertinent background information, previous surveillance or oversight results, applicable procedures, and applicable technical documents to familiarize Surveillance Team members with the work under assessment.

4.2.5 When the organization to be assessed is outside the area of responsibility of the organization conducting the surveillance, notify the organization(s) to be assessed of the surveillance date(s) and its purpose by memorandum, letter, or email.

Surveillance Team Members

4.2.6 When electing to use surveillance checklists, prepare them including the criteria to be assessed. See Attachment 3, Surveillance Checklist Example, for guidance.

4.2.7 Examine objective evidence, work in progress, items (including components, specimens, or equipment, etc.), and interviewing responsible personnel as applicable. Include technical evaluations of the applicable procedures, instructions, work, and items, as applicable.

4.2.8 Review previous corrective actions, when applicable, to assess implementation and effectiveness.

4.2.9 Review applicable documents, standards, and criteria pertaining to the process to be assessed.

4.2.10 Document the results of the surveillance as input to the surveillance report in sufficient detail, including but not limited to objective evidence examined and personnel interviewed to ensure retrieval of records examined is possible.

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4.2.11 Inform the Surveillance Lead of progress and problems with assigned tasks during the surveillance.

4.2.12 Notify the Responsible Manager and Surveillance Lead of potentially unsafe conditions.

Surveillance Lead

4.2.13 Notify the Assurance Programs Manager and the management of the assessed organization as soon as practicable if conditions are discovered that could impact prior work, affect work in progress significantly, or if conditions require prompt attention.

4.2.14 If applicable, prepare NCRs in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control* and WIPP Forms in accordance with WP 15-GM1002, *Issues Management Processing of WIPP Forms*.

4.2.15 Brief management of the assessed organization.

4.3 Report the Surveillance

4.3.1 Prepare the surveillance report using Surveillance Report (Example provided as Attachment 2, Surveillance Report) and include the following elements, as applicable:

- Identify conditions adverse to quality in sufficient detail to enable corrective actions to be taken by the assessed organization. Document nonconforming item(s) (i.e., hardware or data) using an NCR and programmatic conditions using a WIPP Form. Cite the requirement(s) applicable to these deficiencies.
- If Observations were identified, state that conditions observed, if not addressed, could deteriorate into a finding.
- If Other Conditions Requiring Resolution were identified, describe them and what requirements were violated.
- When applicable, provide recommendations that could strengthen the existing program or process.
- Include in the report descriptions of all actions taken to resolve conditions adverse to quality, and identify those conditions adverse to quality as corrected during the surveillance (CDS).

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- Document each CDS item by WIPP Form solely for trending purposes.

4.3.2 Sign and date and submit the report to the Assurance Programs Manager for review and approval.

Assurance Programs Manager

4.3.3 Review the surveillance report, resolve any issues with the Surveillance Lead, and approve the report.

4.3.4 Issue the surveillance reports to management, Nuclear and Worker Safety Compliance Coordinator, NCR Coordinator, Surveillance Coordinator, National TRU Program Certification (NTPC) Records, the applicable Host Site Subcontract Technical Representative, and the applicable Site Project Manager.

4.3.5 Consider the surveillance closed when issued. The conditions adverse to quality are documented by NCR, WIPP Form, or CTS item, all of which are self-contained systems in which the deficiency documents or items are closed independently.

4.4 Follow Up the Surveillance

CTS Coordinator

4.4.1 Make a separate entry for each finding (NCR or WIPP Form) identified in the report into the Integrated Data Center or the WIPP CTS.

Responsible Manager of Assessed Organization

4.4.2 Ensure timely and effective corrective actions in response to NCRs, WIPP Forms, or Other Conditions Requiring Resolution resulting from the surveillance.

4.4.3 Work with the Surveillance Lead and the Assurance Programs Manager to resolve issues regarding necessary corrective actions.

4.4.4 After completion of corrective actions associated with surveillance, inform the CTS Coordinator.

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5.0 RECORDS

5.1 Records generated as a result of implementing this procedure are controlled, maintained, and submitted as QA records in accordance with CCP-QP-008, *CCP Records Management*. The records are the following:

5.1.1 QA/Nonpermanent

[A] Surveillance File, including:

- Surveillance Notification, when applicable
- Surveillance Plan
- Surveillance Report

[B] Surveillance Schedule

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Attachment 1 – Surveillance Plan Example

SURVEILLANCE PLAN

[SUBJECT or Organization to be assessed]

Surveillance Number:	[SUR-SRS-01-13]
Organization to be Evaluated:	[CCP Nondestructive Examination]
Location:	[Savannah River Site]
Surveillance Initiation Date:	[1 October 2013]
Surveillance Team Lead:	
Surveillance Team Member(s):	
Scope:	[What will the surveillance team look at?]
Planned Contact(s):	
Objective(s):	[How the surveillance will be done: examine documents, interview personnel, or observe work in progress, etc.]
Applicable Requirements and Documents:	[Procedures, DOE documents, corrective action commitments, recurrence of previous findings, etc.]

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Attachment 2 – Surveillance Report Example

SURVEILLANCE REPORT

SUR-xxxxxx-yy-zz

Central Characterization Program

[Nondestructive Assay at (Host site)]

Surveillance Team Lead:	_____	_____	_____
	print name	**signature**	**date**
Assurance Programs Manager:	_____	_____	_____
	print name	**signature**	**date**

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Attachment 2 – Surveillance Report Example (continued)

SUMMARY
[a brief sentence or two on surveillance results: when and where the surveillance was conducted, how many WIPP Forms, Observations, OCRRs, Recommendations, etc., and a summary statement on whether the implementation of the QA Program for what was examined was satisfactory]

SCOPE
[e.g., what the surveillance personnel examined]

CRITERIA
[e.g., what requirements the surveillance was based on: such as CCP-QP-002, *CCP Training and Qualification Plan,* revision 35]

PERSONNEL
[surveillance team lead and members; personnel whom the surveillance team contacted or interviewed]

DETAILS
[how the surveillance was conducted: e.g., what objective evidence was reviewed; what work was observed; and the results]

FINDINGS (NCRs and WIPP Forms)

OTHER CONDITIONS REQUIRING RESOLUTION (include CTS nos.)

CORRECTED DURING THE SURVEILLANCE

STATUS OF CONCERNS PREVIOUSLY IDENTIFIED

OBSERVATIONS

RECOMMENDATIONS

NOTEWORTHY PRACTICE

ATTACHMENTS [if applicable]

Attachment 3 – Surveillance Checklist Example

SURVEILLANCE CHECKLIST

Surveillance number: SUR- **Checklist approved by:** **Date:** **Page 1 of 1**

No.	Reference	Criterion	Notes (NCR = Nonconformance Report; WF = WIPP Form; CDS = Corrected During the Surveillance; OBS = Observation; OCRR = Other Condition Requiring Resolution)	SATIS-FACTORY (S); UNSATIS-FACTORY (U); or N/A
1.				
2.				
3.				
4.				
5.				
[etc.]				

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CCP-QP-028

Revision 16

CCP
Records Filing, Inventorying, Scheduling, and Dispositioning

EFFECTIVE DATE: 02/06/2015

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
3	08/20/2002	Added steps 4.3.3 through 4.3.6. Added a Table of Contents. Added a Record of Revision. Other editorial changes.
4	10/24/2002	Added new Step 3.1.2 and revised Step 4.2.4.[B] making the Project Manager responsible for signing RIDS; added as result of a comment during the SRS Recertification Audit.
5	09/25/2003	Separated electronically fillable forms and updated references in procedure. Added responsibilities for CCP personnel. Other editorial changes.
6	07/25/2006	Revised to change the CCP Project Manager's responsibility to the CCP Project Support Manager.
7	04/18/2007	Revised to change CCP Project Support Manager responsibilities to the CCP Program Development Manager.
8	09/11/2007	Revised to make minor editorial changes and to replace Attachment 1, Records Inventory and Disposition Schedule with new DOE form, DOE F 1324.10 (06-96).
9	02/24/2009	Revised to incorporate changes to titles of personnel and names for organizations. Also, a step was added to Section 4.2 (step 4.2.5) to complete the process performed. Section 4.4 was deleted since the requirements are not applicable to the CCP scope of work (they are implemented at the RCT level).
10	04/08/2010	Revised to incorporate changes to Attachment 2, Instructions for Filling Out the Records Inventory and Disposition Schedule.
11	05/19/2010	Revised to bring instructions regarding location in Attachment 4, Instructions for Filling Out the Records Inventory and Disposition Schedule, in line with current practice.
12	11/09/2010	Revised to remove examples form and re-number remaining attachments and update Attachment 2.
13	09/09/2011	Revised to correct reference section of the procedure and remove a reference that is no longer active.

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
14	01/16/2012	Revised to bring into line with the Waste Isolation Pilot Plant (WIPP) Inventory Worksheets and general editing of the procedure.
15	01/22/2013	Revised to incorporate Nuclear Waste Partnership (NWP) transition changes.
16	02/06/2015	Revised to address the form number identification in the procedure. Replaced the title “Lead Records Custodian” with “Central Characterization Program (CCP) Records Manager” throughout the document. Deleted Section 3.3, WIPP Records Management Services (WRMS). In Section 4.2.4, added a step for the CCP Manager.

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1.0 PURPOSE

This procedure provides direction and instruction for generating, issuing, and using a Records Inventory and Disposition Schedule (RIDS).

1.1 Scope

The procedure applies to Central Characterization Program (CCP), CCP Manager, and CCP Records Manager responsible for inventory, scheduling, and disposing of CCP records under their cognizance, regardless of media, in order to document the activities related to the CCP.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- 44 USC 3301, *Definition of Records*
- DOE/CBFO-94-1012, *U.S. Department of Energy Carlsbad Field Office* (CBFO) *Quality Assurance Program Document* (QAPD)

Referenced Documents

- EA15RM3002-1-0, *WIPP Records Inventory Work Sheet*
- EA15RM3002-2-0, *Records Inventory and Disposition Schedule (RIDS)*
- WP 15-RM3002, *Records Filing, Inventorying, Scheduling, and Dispositioning*
- CCP-QP-008, *CCP Records Management*

3.0 RESPONSIBILITIES

3.1 CCP Manager or Designee

3.1.1 Approves the RIDS.

3.2 CCP Records Manager or Designee

3.2.1 Develops new RIDS.

3.2.2 Performs annual review and revision of RIDS.

4.0 PROCEDURE

4.1 Developing a New Inventory and RIDS

CCP Records Manager or Designee

NOTE
The CCP Records Manager or Designee may request assistance from WIPP Records Management Services (WRMS) for performance of steps 4.1.1 and 4.1.2.

4.1.1 Complete EA15RM3002-1-0, *WIPP Records Inventory Work Sheet* for each record and non-record series, using the instructions contained in WP 15-RM3002, *Records Filing, Inventorying, Scheduling, and Dispositioning*.

4.1.2 Complete the RIDS on form EA15RM3002-2-0, *Records Inventory and Disposition Schedule (RIDS),* using the instructions contained in WP 15-RM3002.

4.2 RIDS Review and Approval

4.2.1 Forward the draft RIDS and all EA15RM3002-1-0 to WRMS for review and comments.

4.2.2 **IF** WRMS returns the RIDS with comments,
THEN resolve the comments.

4.2.3 **WHEN** notified by WRMS that the RIDS is acceptable,
THEN print out a final copy of the RIDS for signatures.

4.2.4 Obtain the required signatures in Block 5, RIDS, as follows:

[A] Prepared by - Signature of the CCP Records Manager or Designee who prepared the RIDS

CCP Manager or Designee

[B] Approve the RIDS by signing in Block 5

CCP Records Manager

[C] Record Liaison Officer - Enter “N/A”

4.2.5 Submit signed RIDS to WRMS for final approval by obtaining WRMS signature.

4.3 Revising and Reviewing the RIDS

4.3.1 Review files annually, at a minimum.

NOTE

Take into consideration organization changes that may affect record series custodianship, location, or when new record series are created.

4.3.2 Check all record and non-record material on the current RIDS.

4.3.3 **IF** a new series is added,
THEN complete an EA15RM3002-1-0, with the instructions in WP 15-RM3002, **AND** add the new record series to a draft CCP RIDS.

4.3.4 **IF** a record series is no longer generated and maintained,
THEN complete an EA15RM3002-1-0, with the instructions in WP 15-RM3002, **AND** delete the item on a draft RIDS.

4.3.5 Forward the draft RIDS, **AND** any new EA15RM3002-1-0 to the WRMS annually at a minimum.

4.3.6 Follow steps 4.2.2 through 4.2.5.

4.3.7 **IF** an interim RIDS change is needed to make an immediate change of information on the RIDS,
THEN complete an EA15RM3002-1-0, with the instructions in WP 15-RM3002.

4.3.8 Send copy to WRMS and add changes to a draft RIDS to be submitted in the next RIDS review.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained in accordance with CCP-QP-008, *CCP Records Management.* The records are the following:

Non-Records

5.1.1 Records Inventory and Disposition Schedule (records held in accordance with WP 15-RM3002)

5.1.2 WIPP Records Inventory Worksheet (records held in accordance with WP 15-RM3002)

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CCP-TP-001

Revision 21

CCP
Project Level
Data Validation and Verification

EFFECTIVE DATE: 06/06/2013

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
4	12/14/2001	Revised to reflect the use of an electronic data management system at some sites. A new Section 4.4 was created; minor changes to Section 4.7; references and records updated, and Attachments 1 through 4 revised.
5	03/08/2002	Minor editorial changes; added a new Section 4.8, and a new Attachments 7 through 11.
6	05/15/2002	Description of Revision: Changes made due to the Revision of DOE/WIPP-02-3122, *Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (CH-WAC) and changes to the Permit Modification to be implemented June 1, 2002. Plus planned changes due to process improvement. Multiple section changes as well as Attachment changes.
7	01/13/2003	Updated title of CCP-PO-005. Updated attachments 1 through 12.
8	02/03/2003	Additions to Attachment 4 and Attachment 5, DAC requirements. Resolved CBFO comments.
9	07/10/2003	Text and attachments to include Homogeneous Solid/Soil Waste Sampling and Checklists. Added steps to validate BDRs through P-TS. Separated electronically fillable forms and updated references in procedure.
10	08/28/2003	Revised sections 2.1, 2.6, 3.2, 4.3, and 5.1.
11	03/23/2005	Revised to incorporate LANL Off-Site Source Recovery Project (OSRP) requirements. Deleted Section 4.5, e-QA forms, Attachments 1 through 4 due to closure of Argonne National Laboratory (ANL)-East. Revised CCP Records Custodian and Facility Records Custodian responsibilities and actions.
12	05/25/2006	Revised to address Carlsbad Field Office (CBFO) Document Review Record (DRR) comments.
13	07/21/2006	Revised Attachments 10, 11, 13, 14, and 15 in response to Corrective Action Report (CAR) Number CAR-LANL-0006-06.
14	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR). Addressed Carlsbad Field Office (CBFO) Document Review Record (DRR) comments.
15	11/22/2006	Minor revision to correct header in Attachment 12.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
16	04/26/2007	Clarification of note in Section 4.3 for quarterly reports.
17	09/24/2007	Revised to clarify the references in the attachments and to remove the 25%RPD limit for solids/soils co-located cores/samples from Attachments 6, 7, 8 and 9. Revised to remove Visual Examination (VE) Expert decisions and signature and date. Modifications were made to Sections 4.4, 4.5, and Attachments 6 through 9 to discuss the F-test and control charts.
18	08/09/2010	Revised to address Hazardous Waste Facility Permit modification, and other editorial and freeze file changes.
19	12/29/2010	Revised to clarify independent technical reviewer (ITR) Independence and to update references to the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit.*
20	09/27/2012	Revised to remove references to P-TS. Also revised due to CAR-LANL-0005-12 and CBFO CAR 12-033.
21	06/06/2013	Revised to address Class 2 Hazardous Waste Facility Permit Modification, which was approved by New Mexico Environmental Department (NMED) on March 13, 2013.

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Attachment 4 – CCP SPM Off-Site Source Recovery Sealed Source Radiological Characterization Project Level Validation Checklist and Summary 30

1.0 PURPOSE

Waste characterization data generated by characterization activities are validated and verified in compliance with CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (QAPjP) and CCP-PO-002, *CCP Transuranic Waste Certification Plan*. The format of CCP-PO-001 parallels that of the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit,* NM 4890139088 TSDF, Attachment C, *Waste Analysis Plan* (WAP). Characterization data requiring review, validation and verification includes Nondestructive Examination (NDE), Nondestructive Assay (NDA), Sealed Sources Radiological Characterization Data, and Visual Examination (VE).

1.1 Scope

NOTE

Remote-handled data review and validation is addressed in the appropriate TP-500 series procedure.

Gas Generation Testing (GGT) data review and validation are not addressed in this procedure. Refer to CCP-PO-016, *CCP Gas Generation Testing Program Quality Assurance Project Plan* for guidance.

This procedure defines the activities required to perform data validation and verification at the Central Characterization Program (CCP) Project Office. This procedure is applicable to all personnel performing data validation and verification. The Site Project Manager (SPM) is responsible for conducting the data validation and verification activities described in this procedure. Compliance with this procedure ensures that each batch data report (BDR) complies with the requirements of the CCP-PO-001 and CCP-PO-002.

2.0 REQUIREMENTS

2.1 References

Referenced Documents

- *Waste Isolation Pilot Plant Hazardous Waste Facility Permit*, NM 4890139088-TSDF, Attachment C, *Waste Analysis Plan*
- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
- CCP-PO-016, *CCP Gas Generation Testing Program Quality Assurance Project Plan*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-QP-029, *CCP Corrective Action Management*

2.2 Training Requirements

Personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan* prior to performing this procedure.

2.3 Equipment List

2.3.1 None.

2.4 Precautions and Limitations

2.4.1 None.

2.5 Prerequisite Actions

2.5.1 None.

2.6 Definitions

2.6.1 None.

2.7 Project Office Integrated Data Center (IDC) (where available)

2.7.1 The IDC provides the capability of tracking BDRs for review.

2.7.2 The IDC provides, as a minimum, the following:

[A] Link to a scanned copy of the BDR.

[B] Status of the BDR.

[C] HOLD status of the BDR.

[D] Status of Nonconformance Reports (NCRs).

3.0 RESPONSIBILITIES

NOTE

Implementation of this procedure requires the following positions: Data Generation Level (DGL) Personnel, SPM, CCP Records Custodian, and Facility Records Custodian.

3.1 SPM

3.1.1 Reviews 100 percent of the BDRs generated as a result of waste characterization activities prior to any of the waste associated with the data reviewed being shipped to the Waste Isolation Pilot Plant (WIPP).

3.1.2 Ensures the DGL Independent Technical Reviewer (ITR) reviews, validations, and verifications have been performed by verifying completed review checklists and appropriate signatures.

3.1.3 Ensures BDR review checklists are complete.

3.1.4 Ensures data are within established data assessment criteria and meet all applicable Quality Assurance Objectives (QAOs) as defined by CCP-PO-001.

3.1.5 Ensures BDRs are complete and data are properly reported (e.g., data are reported in the correct units, and correct significant figures).

3.1.6 Prepares the applicable CCP SPM Project Level Data Validation Summary.

3.1.7 Releases, by signature and date, the BDR upon completion of the SPM review.

3.1.8 Generates NCRs in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control* and Corrective Action Reports (CARs) in accordance with CCP-QP-029, *CCP Corrective Action Management* as required.

3.1.9 Reviews NCRs and verifies corrective actions, as needed.

3.1.10 Determines if U.S. Department of Energy (DOE)/Carlsbad Field Office (CBFO) reporting is required for NCRs/CARs generated at the SPM level.

[A] Makes notifications to DOE/CBFO, and ensures actions are completed as required.

3.2 CCP Records Custodian

3.2.1 Receives corrected BDR or BDR pages from the Facility Records Custodian, as necessary, in accordance with CCP-QP-008, *CCP Records Management*.

3.3 Facility Records Custodian

3.3.1 Enters BDR into the IDC.

3.3.2 Receives, processes, and transmits corrected BDR or BDR pages to CCP Records Custodian, when applicable, in accordance with CCP-QP-008.

4.0 PROCEDURE

4.1 BDR Receipt

Facility Records Custodian

4.1.1 Enter BDR into the IDC.

NOTE
Steps in Section 4.2 may be performed in any order.

4.2 SPM BDR Review

NOTE
Section 4.2 must be completed for 100 percent of the BDRs transmitted to the SPM.

The SPM must perform a comprehensive review of the data (e.g., correct units, significant figures, as well as ensuring that data assessment criteria are met).

SPM

4.2.1 Initiate BDR review in the IDC as follows:

[A] Log into the IDC.

[B] Select BDR to review (e.g., the IDC Daily Hot Lists).

[C] Click on START SPM REVIEW.

[D] Compare Container Identifications (IDs) in the BDR to the Container IDs included in the IDC.

[E] **IF** any Container IDs from the BDR are missing from the IDC **OR** DO **NOT** match those entered into the IDC, **THEN** contact the CCP Records Custodian/Facility Records Custodian, **AND** resolve the problem.

[E.1] Place BDR on HOLD by selecting, PLACE BDR ON HOLD, if necessary, **AND** enter reason for HOLD in the Comments/Qualifiers Section by selecting ADD/EDIT COMMENTS.

[E.2] **WHEN** the problem is resolved,
THEN select REMOVE HOLD FROM BDR in the IDC.

[E.3] Compare NCRs included in the BDR to the NCRs in the IDC, if applicable.

[E.4] **IF** any NCRs are missing from the IDC **OR** DO **NOT** match those entered into the IDC for the BDR,
THEN contact the NCR Coordinator, **AND** resolve the problem.

[E.5] Place BDR on HOLD by selecting, PLACE BDR ON HOLD, if necessary, **AND** enter reason for HOLD in the Comments/Qualifiers Section by selecting ADD/EDIT COMMENTS.

[E.6] **WHEN** the problem is resolved,
THEN select REMOVE HOLD FROM BDR in the IDC.

NOTE

Containers for Newly Generated Waste will **NOT** appear in the Acceptable Knowledge (AK) Tracking Spreadsheet on the CCP secure file transfer protocol (sftp) site for VE Technique BDRs. All Newly Generated Waste containers should be listed in the AK Tracking Spreadsheet at the time of validation for all other BDR types.

NOTE

Reports derived from the IDC Search function use the AK Tracking Spreadsheets and can be used to verify Container IDs.

[F] Compare Container IDs in the BDR to the approved AK Tracking Spreadsheet on the CCP sftp site.

[G] **IF** any Container IDs are included in the BDR that are **NOT** on the approved and posted AK Tracking Spreadsheet,
THEN contact the AK Expert.

[G.1] Place BDR on HOLD by selecting, PLACE BDR ON HOLD, if necessary, **AND** enter reason for HOLD in the Comments/Qualifiers Section by selecting ADD/EDIT COMMENTS.

[G.2] **WHEN** the problem is resolved,
THEN select REMOVE HOLD FROM BDR in the IDC.

4.2.2 Select the appropriate SPM checklist for the BDR being reviewed.

4.2.3 Record the BDR Number at the top of the appropriate SPM checklist.

4.2.4 Record the Examination Date(s) at the top of the appropriate SPM checklist.

4.2.5 Verify that the DGL ITR reviews, validations, and verifications have been performed as evidenced by the completed review checklist and appropriate signature release.

4.2.6 Verify the BDR is complete.

4.2.7 Verify that data are within established data assessment criteria and meet all applicable QAOs: Precision, Accuracy, Completeness, Comparability, and Representativeness.

NOTE

To answer questions regarding specific criteria being met, (i.e., QAOs, QCs), the SPM must ensure that the information presented in the BDR meets the requirements identified in CCP-PO-001, CCP-PO-002, and CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*.

4.2.8 Answer each question on the appropriate SPM checklist after verifying that the specific criteria have been met.

NOTE

All containers listed in the BDR will be listed on the SPM checklist.

4.2.9 **IF** any question is answered NO,
THEN evaluate the impact, **AND** perform steps 4.2.11 and 4.2.14, as appropriate.

4.2.10 **IF** any question is answered NA or NO,
THEN provide justification in the Comments/Qualifiers Section of the appropriate SPM checklist, as applicable. If a question includes criteria for “NA,” a comment is not required.

NOTE

Editorial corrections may be made to the BDR by the Operator, ITR, SPM or a Designee as directed by these personnel. The extent of editorial corrections permitted by a Designee is identified in CCP-QP-008. Data affecting changes are ONLY made by DGL personnel. Any data affecting changes made by DGL personnel will require a re-review by the Operator, ITR, and SPM.

4.2.11 **IF** editorial inconsistencies, mistakes, omissions, etc., are noted during the SPM review, that DO **NOT** change the characterization data,
THEN notify DGL personnel of required corrections, **AND** edit the BDR in accordance with CCP-QP-008.

[A] Place BDR on HOLD by selecting, PLACE BDR ON HOLD, if necessary, **AND** enter reason for HOLD in the Comments/Qualifiers Section by selecting ADD/EDIT COMMENTS.

DGL Personnel

[B] Perform editorial corrections, as needed.

[C] Resubmit corrected BDR or BDR pages to the Facility Records Custodian in accordance with CCP-QP-008.

Facility Records Custodian

[D] Receive, process, and transmit or maintain corrected BDR or BDR pages in accordance with CCP-QP-008.

[E] Notify SPM to continue review.

4.2.12 **IF** required changes CAN **NOT** be adequately documented on the SPM checklist,
THEN include additional information on an additional sheet of paper as needed.

4.2.13 **IF** additional information is placed after an SPM checklist,
THEN indicate, on the appropriate SPM checklist, that additional information is being provided, **AND** paginate the inserted documentation to show which checklist it is associated with (e.g., SPM-1).

NOTE

Corrections to BDRs mandated by Project Office NCRs will not proceed until DGL has been provided a copy of the validated and dispositioned Project Office NCR.

4.2.14 **IF** data affecting inconsistencies, mistakes, omissions, etc., are noted during the SPM review, that impact or change the characterization data,
THEN Initiate an NCR in accordance with CCP-QP-005:

[A] Ensure copy of approved Project Office NCR is provided to DGL documenting required changes in the NCR disposition.

DGL Personnel

[B] Correct the deficiency.

[C] ITR Re-review in accordance with the applicable procedure, **AND** resubmit corrected BDR or BDR pages, and copy of the NCR, to CCP Records for processing in accordance with CCP-QP-008.

4.2.15 Record comments in the box at the end of the appropriate SPM checklist or record NA.

4.2.16 Print name, sign, and date the appropriate SPM checklist.

4.2.17 End SPM review in IDC.

4.2.18 Submit completed SPM checklist to CCP Records for processing in accordance with CCP-QP-008.

4.2.19 If SPM re-review is required,

[A] Insert corrections.

[A.1] **IF** revised page contains correction or additional information,
THEN replace the BDR record page with the corrected page.

OR

[A.2] **IF** additional corrected pages are inserted in the numbered section of the BDR,
THEN supercede pages, **AND** properly paginate the inserted documentation in accordance with CCP-QP-008.

[B] Select RE-REVIEW button in the IDC, if necessary.

[C] Perform a re-review of the corrected BDR.

[D] Verify that all criteria have been met and the review is complete.

[E] Select REMOVE HOLD ON BDR in the IDC, if necessary, **AND** complete review in the IDC.

4.2.20 Print name, sign name, enter reason for re-review, and enter date completed on the appropriate SPM checklist in the re-review signature area.

4.2.21 **WHEN** all criteria have been verified, **AND** the review is complete, **THEN** select END SPM BDR REVIEW in the IDC.

NOTE

Additional information is information that is added to the back of the SPM checklist after receipt at the Project Level. Additional information can be in the form of e-mail authorizations for administrative changes, letters or e-mails of clarification to posed questions (This list is not all inclusive).

4.2.22 **IF** additional information is placed after an SPM checklist, **THEN** indicate, on the appropriate SPM checklist, that additional information is being provided, **AND** paginate the inserted documentation to show which checklist it is associated with (e.g., SPM-1).

4.2.23 Forward the completed SPM checklist, and any additional information, to the CCP Records Custodian/Facility Records Custodian.

CCP Records Custodian/Facility Records Custodian

4.2.24 Receive, process, and transmit or maintain in accordance with CCP-QP-008.

4.3 Quarterly Repeat of DGL Data Review, Validation, and Verification

NOTE

The SPM shall ensure that a repeat of the DGL data review, validation, and verification of data generated to meet the requirements of CCP-PO-001 is performed quarterly for a minimum of one randomly chosen waste container. The SPM uses this exercise to document that the DGL data review, validation, and verification is being performed in accordance with applicable procedures.

SPM

4.3.1 Randomly select one waste container for a repeat of the DGL data review, validation, and verification for one RTR and VE BDR generated in the last quarter.

NOTE

The following documents will be included in the quarterly DGL data review, validation, and verification: the original data reported, any nonconformances generated prior to ITR, reviews, and QC Data Sheets. The BDR Batch Narrative will **NOT** be included.

4.3.2 Retrieve a copy of the BDR from CCP Records.

NOTE

When possible, a different ITR will be used for the quarterly DGL data review, validation, and verification of the selected waste container.

4.3.3 Assemble the mini-container package.

4.3.4 Document the container selection and the assignment of the DGL ITR by interoffice memorandum.

4.3.5 Submit a copy of the mini-container package to the Host site for re-review.

NOTE

DGL Personnel will review submitted data and generate new Tables of Contents, BDR Batch Narratives and DGL Checklists. Any discrepancies will be noted in the BDR Batch Narrative.

SPM

4.3.6 Perform a review of the re-submitted data in accordance with Section 4.2.

4.3.7 Compare the original BDR submitted for the selected container with the re-submitted data.

4.3.8 Document the comparison, by interoffice memorandum, to CCP Records.

4.3.9 **IF** discrepancies or problems that affect data quality are noted during the review,
THEN perform the following:

[A] Initiate an NCR in accordance with CCP-QP-005.

[B] Notify the appropriate facility personnel.

4.3.10 Submit the re-reviewed package, associated information, and copy of interoffice memorandum to CCP Records.

Facility Records Custodian/CCP Records Custodian

4.3.11 Receive, process, and transmit the reviewed package, associated information, and copy of interoffice memoradum in accordance with CCP-QP-008.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as Quality Assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] Attachment 1, CCP SPM Visual Examination Project Level Validation Checklist and Summary

[B] Attachment 2, CCP SPM Radiography Project Level Validation Checklist and Summary

[C] Attachment 3, CCP SPM Nondestructive Assay Project Level Validation Checklist and Summary

[D] Attachment 4, CCP SPM Off-Site Source Recovery Sealed Source Radiological Characterization Project Level Validation Checklist and Summary

[E] Interoffice memorandum for the Quarterly Repeat of DGL Data Review BDR

[F] Container selection and the assignment of the DGL ITR interoffice memoramdum

5.1.2 QA/Nonpermanent

[A] Project Office Integrated Data Center (IDC)

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
1. Is the completed, signed and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**				
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**				
3. Does the BDR include a listing of all container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**				
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers:
5. Is the current implementing procedure and revision number included in the BDR? **Reference Source: CCP-PO-001, Table C3-3**				
6. Is the BDR date included? **Reference Source: CCP-PO-001, Table C3-3**				
7. Is there a reference to or copy of any associated NCRs (if any) in the BDR? **Reference Source: CCP-PO-001, Table C3-3**				
8. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001 C3-4**				
9. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures). **Reference Source: CCP-PO-001 C3-4**				
10. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**				
11. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**				
12. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**				

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
13. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**				
14. Were discrepancies between the Visual Examination operator and the ITR with regards to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**				
15. Are the training requirements met for the VE Expert and VE Operators who have signed the data forms? **Reference Source: CCP-PO-001, C3-8**				
16. Is evidence of a satisfactory audio/video test included in the BDR? NA [not applicable] for VE Method for Newly Generated Waste. **Reference Source: CCP-PO-001, C1-2**				
17. If the VE was not recorded using audio/video media, does the data sheet contain the signature of two qualified operators who observed for themselves the waste being placed into the container? NA if audio/video used. **Reference Source: CCP-PO-001, C1-2**				
18. Are the weights/estimated weights for the 12 waste material parameters reported in kilograms (kg)? **Reference Source: CCP Technical Procedures**				
19. Are the descriptions for each waste material parameter included in the BDR? **Reference Source: CCP-PO-001, C1-2**				
20. Is the gross weight reported (in kg) for each container included in the BDR? **Reference Source: CCP Technical Procedures**				
21. Is the number of layers of confinement recorded? **Reference Source: CCP-PO-001, C1-2**				
22. Is sufficient information included in the BDR to determine the packaging configuration? **Reference Source: CCP-PO-001, C1-2**				

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
23. Is the type and number of filters recorded? **Reference Source: CCP-PO-001, CCP Technical Procedures**				
24. Is the size of the rigid liner vent hole recorded? NA if no liner lid. **Reference Source: CCP-PO-001, CCP Technical Procedures**				
25. For Los Alamos National Laboratory (LANL) Sealed Sources, does the characterized waste container meet the definition of sealed sources per Title 10 Code of Federal Regulations (CFR) 30.4 and Title 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**				
26. For LANL Sealed Sources, are sealed sources the only non-packaging items in the waste container? **Reference Source: CCP-TP-069, 4.1.4**				
27. For LANL Sealed Sources, are the sealed sources a U.S. Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per Title 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? **Reference Source: CCP Technical Procedures**				
28. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of Title 10 CFR 34.27 (effective January 1, 2004), and assembled as part of AK documentation? **Reference Source: CCP Technical Procedures**				

Attachment 1 – CCP SPM Visual Examination Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
29. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or in a rigid sealed container less than or equal to 4 L? **Reference Source: CCP Technical Procedures**				
30. For LANL Sealed Sources, AK documentation does not indicate the use of volatile organic compounds (VOCs) or VOC-bearing materials as constituents of sealed sources? **Reference Source: CCP Technical Procedures**				
31. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? **Reference Source: CCP Technical Procedures**				

Comments:

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

SPM Printed Name Signature Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
1. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-001, C3-4**				
2. Does the BDR contain all items addressed in the BDR Table of Contents? **Reference Source: CCP-PO-001, C3-4**				
3. Does the BDR include a listing of all the container numbers in the batch? **Reference Source: CCP-PO-001, C3-4**				
4. List all containers that have met QAOs. **Reference Source: CCP-PO-001, C3-4**				Container Numbers:
5. Does the BDR identify the current implementing procedure and revision number? **Reference Source: CCP-PO-001, Table C3-3**				
6. Is there a reference to or copy of any associated NCRs (if any) in the BDR? NA if no NCRs. **Reference Source: CCP-PO-001, Table C3-3**				
7. Are there 20 or fewer containers in the batch? **Reference Source: CCP-PO-001, C3-4**				
8. Are the data properly reported (i.e., data are reported in correct units and with correct significant figures)? **Reference Source: CCP-PO-001, C3-4**				
9. Is there evidence of verification that the physical form matches the Waste Matrix Code? **Reference Source: CCP-PO-001, Table C3-3**				

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
10. Is there evidence of verification that the physical form matches the waste stream description? **Reference Source: CCP-PO-001, Table C3-3**				
11. Are prohibited items absent? **Reference Source: CCP-PO-001, Table C3-3**				
12. Does observable liquid, if present, meet the criteria of the TSDF-WAC? **Reference Source: CCP-PO-001, C-1**				
13. Were discrepancies between two operators with regard to identification of waste matrix code, liquids in excess of the TSDF-WAC, or compressed gases through replicate scans and independent observations reconciled? NA if no discrepancies. **Reference Source: CCP-PO-001, C3-2**				
14. Are the training qualifications for all radiography personnel acceptable? **Reference Source: CCP-PO-001, C3-8**				
15. Was evidence of the video/audio check included in the BDR? **Reference Source: CCP-PO-001, C1-1**				
16. Was the Lines-Pair Resolution Test or Sieve Test Check included in the BDR? **Reference Source: CCP Technical Procedures**				
17. Was a replicate scan performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**				
18. Was an independent observation performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: CCP-PO-001, C1-1**				

Attachment 2 – CCP SPM Radiography Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
19. Were the replicate scan and independent observation performed on different waste containers? **Reference Source: CCP-PO-001, C1-1**				
20. Were the personnel performing the replicate scan and independent observation different from the individual who performed the original? **Reference Source: CCP-PO-001, C1-1**				
21. Does the BDR include an estimate of each material parameter weight in kg for each container? **Reference Source: CCP Technical Procedures**				
22. Does the BDR include a description of each material parameter for each container? **Reference Source: CCP Technical Procedures**				
23. Is the container gross weight recorded in kilograms (kg) for each container in the BDR? **Reference Source: CCP Technical Procedures**				
24. Was the Scale Weight Calibration Check included in the BDR? **Reference Source: CCP Technical Procedures**				
25. Was the Scale Weight Check included in the BDR? **Reference Source: CCP Technical Procedures**				

Comments:

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

SPM Printed Name Signature Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 3 – CCP SPM Nondestructive Assay Project Level Validation Checklist and Summary

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Are the background measurements performed and recorded daily and included in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.4.2**				
2. Is the efficiency/energy calibration and resolution check performed and recorded daily and included in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.4.2**				
3. Were the performance checks and backgrounds done prior to the analysis of the samples? **Reference Source: CCP-PO-002, Attachment 1, A.4.2**				
4. Are the required QC checks specified on the ITR checklist within acceptable limits? **Reference Source: CCP-PO-002, Attachment 1, A.4.2**				
5. Is the matrix drum performed at least once per operational week? **Reference Source: CCP-PO-002, Attachment 1, A.4.2**				
6. List all containers that have met all QC criteria thresholds. **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				Container Numbers:
7. Is there evidence of participation in the PDP program or any relevant approved comparison program? **Reference Source: CCP-PO-002, Attachment 1, A.4.1**				
8. Are the personnel training records acceptable? **Reference Source: CCP-PO-002, Attachment 1, A.4.1**				
9. Is a standard cover sheet included in the BDR? **Reference Source: CCP Technical Procedures**				
10. Is there reference to or copy of associated NCRs included in the BDR? NA if no NCRs associated with BDR. **Reference Source: CCP-QP-005**				

Attachment 3 – CCP SPM Nondestructive Assay Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
11. Is the method used for radioassay identified by the implementing procedure(s) and revision number(s) referenced for each container in the BDR? **Reference Source: CCP Technical Procedures**				
12. Is the current software revision number correct for each container in the BDR? **Reference Source: CCP-QP-022**				
13. Is the completed, signed, and dated Independent Technical Reviewer Checklist included in the BDR, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-002, Attachment 1, A.5.1**				
14. Is the correct Waste Matrix Code referenced in the BDR? **Reference Source: CCP Technical Procedures**				
15. Is the method of expressing TMU specified in the BDR? **Reference Source: CCP-PO-002, 3.3.1**				
16. Does the instrument performing TRU/low-level waste measurement have an LLD of 100 nCi/g or less? **Reference Source: CCP-PO-002, Attachment 1, A.3**				
17. Are the ten WIPP tracked radionuclides of 241Am, 238Pu, 239Pu, 240Pu, 242Pu, 233U, 234U, 238U, 90Sr, 137Cs estimated activities and masses, including their associated TMU reported on each radioassay data sheet? **Reference Source: CCP-PO-002, 3.3.1**				
18. Is 235U (in order to calculate FGE) reported as present or absent on each radioassay data sheet? **Reference Source: CCP-PO-002, Attachment 1, A.3**				
19. If 235U is reported as present, is 234U reported as present? NA, if 235U is not present. **Reference Source: CCP Technical Procedures**				
20. Is the TRU alpha activity concentration and associated TMU reported for each container in the BDR? **Reference Source: CCP-PO-002, 3.3.1**				

Attachment 3 – CCP SPM Nondestructive Assay Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
21. Is the TRU alpha activity concentration limit of >100 nCi/g met for containers in the BDR? **Reference Source: CCP-PO-002, 3.3.3**				
22. Is the Total Pu239 FGE (g) and associated TMU reported for each container in the BDR? **Reference Source: CCP-PO-002, 3.3.1**				
23. Is the FGE plus two times the TMU less than or equal to the limits for containers in this BDR? 200 FGE for 55-gal drums/325 FGE for SWBs. Note: TMU equals one standard deviation. **Reference Source: CCP-PO-002, Table A-3**				
24. Is the decay heat reported for each container in the BDR? **Reference Source: CCP-PO-002, 3.3.1**				
25. Are all the appropriate QC forms (background, efficiency checks, control charts, and matrix drum) included in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
26. Is the name of the testing facility included in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
27. Is the batch number included in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
28. Is a listing of all container numbers in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
29. Does the BDR contain a BDR Table of Contents? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
30. Are the testing report data sheets including the waste container number for each container included in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
31. Is the title “Radioassay Data Sheet” included for each container in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				

Attachment 3 – CCP SPM Nondestructive Assay Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
32. Is the date of radioassay included for each container in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
33. Is the operator and reviewer signature release and date included for each container in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
34. Is the total Pu239 equivalent activity (Ci) reported for each container in the BDR? **Reference Source: CCP-PO-002, Attachment 1, A.5.2**				
35. Are the NDA net weights within 5% of the NDE net weight or the VE net weight, whichever is applicable, for each container in the BDR? **Reference Source: CCP Technical Procedures**				

Comments:

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by CCP-PO-002.

SPM Printed Name Signature Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Attachment 4 – CCP SPM Off-Site Source Recovery Sealed Source Radiological Characterization Project Level Validation Checklist and Summary

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
1. Are the personnel training records acceptable? **Reference Source: Site applicable LOQI**				
2. Does the Batch Data Report (BDR) include the name of the facility? **Reference Source: CCP-PO-002**				
3. Does the BDR include a standard cover sheet? **Reference Source: CCP-PO-002**				
4. Does the BDR include a Table of Contents? **Reference Source: CCP-PO-002**				
5. Does the BDR include a batch number? **Reference Source: CCP-PO-002**				
6. Does the BDR include a listing of all waste container numbers in the batch? **Reference Source: CCP-PO-002**				
7. List all containers. **Reference Source: CCP-PO-002**				Container Numbers:
8. Does the BDR include a Container Characterization Report sheet(s) for each container in the batch? **Reference Source: CCP-PO-002**				
9. Is there a reference to or copy of associated NCRs (if any) in the BDR? NA if no NCRs associated with the BDR. **Reference Source: CCP-PO-002**				
10. Does the BDR include the implementing procedure and revision numbers? **Reference Source: CCP-PO-002**				
11. Does the BDR include a completed, signed, and dated Independent Technical Review Checklist, and the independent technical reviewer was not involved in the generation or recording of the data under review? **Reference Source: CCP-PO-002**				
12. Does the waste meet the definition of sealed sources per 10 CFR 30.4 and 10 CFR 835.2 (effective January 1, 2004) and documentation included with the AK information? **Reference Source: CCP-PO-001, C4-2**				

Attachment 4 – CCP SPM Off-Site Source Recovery Sealed Source Radiological Characterization Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	YES	NO	NA	
13. Is the sealed source a US DOT Special Form Class 7 (Radioactive Material) per 49 CFR 34.27 (effective January 1, 2004) and is this documented in the AK information? **Reference Source: CCP-PO-001, C4-2**				
14. Is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of 10 CFR 34.27 (effective January 1, 2004), and is assembled as part of AK documentation? **Reference Source: CCP-PO-001, C4-2**				
15. Does the AK information document that no VOC or VOC-bearing material are constituents of the waste? **Reference Source: CCP-PO-001, C4-2**				
16. Does the AK information document that the outer casing of the sealed source is a non-VOC bearing material and is this verified during VE? **Reference Source: CCP-PO-001, C4-2**				
17. Is the Title "Characterization Data Sheet" included on each data sheet? **Reference Source: CCP-PO-002**				
18. Is the waste container number included on each data sheet? **Reference Source: CCP-PO-002**				
19. Is the run date included on each data sheet? **Reference Source: CCP-PO-002**				
20. Is the TRU alpha activity concentration (Ci/g) included on each data sheet? **Reference Source: CCP-PO-002**				
21. Is the Total Pu-239 equivalent activity (PE-Ci) included on each data sheet? **Reference Source: CCP-PO-002**				
22. Is the Total FGE (g) and associated TMU included on each data sheet? **Reference Source: CCP-PO-002**				
23. Is the Decay Heat (W) and associated TMU included on each data sheet? **Reference Source: CCP-PO-002**				
24. Are the activities and/or masses of individual radioisotopes and associated TMUs (curies and/or grams) included on each data sheet? **Reference Source: CCP-PO-002**				

Attachment 4 – CCP SPM Off-Site Source Recovery Sealed Source Radiological Characterization Project Level Validation Checklist and Summary (Continued)

BDR Number: _____ **Examination Date(s):** _____

Description of Criteria Reviewed	Criteria Met? YES	NO	NA	Comments/Qualifiers
25. Is the method of expressing TMU specified? **Reference Source: CCP-PO-002**				
26. Are the ten WIPP tracked radionuclides of 241Am, 238Pu, 239Pu, 240Pu, 242Pu, 233U, 234U, 238U, 90Sr, 137Cs identified and reported as present or absent? **Reference Source: CCP-PO-002**				
27. Is 235U (in order to calculate FGE) reported as present or absent? **Reference Source: CCP-PO-002**				
28. Is the TRU Alpha activity concentration >100 nCi/g? **Reference Source: CCP-PO-002**				
29. Is the Fissile Mass $\leq$ FGE limit? **Reference Source: CCP-PO-002**				
30. If 235U is reported as present, is 234U reported as present? NA if 235U is not present. **Reference Source: CCP-PO-002**				

Comments:

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by CCP-PO-002.

SPM Printed Name Signature Date

Checklist is to be re-signed only when a re-review is performed.

SPM Printed Name	Signature	Reason	Date
SPM Printed Name	Signature	Reason	Date

Controlled
Copy

CCP-TP-002

Revision 26

CCP
Reconciliation of DQOs and Reporting Characterization Data

EFFECTIVE DATE: 06/19/2013

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
18	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR). Addressed Carlsbad Field Office (CBFO) Document Review Record (DRR) comments.
19	12/22/2006	Revised to clarify Waste Stream Profile Form contents.
20	08/18/2008	Revised Section 4.2.1 to incorporate Central Characterization Project (CCP) Standing Order CCP-SO-32. Updated several document/procedure titles. Minor changes to Section 5.0.
21	08/04/2009	Revised to answer Waste Isolation Pilot Plant (WIPP) Form 09-050, and add changes to Sections 3 and 4 and make any other editorial changes needed.
22	06/30/2010	Revised for Class 2 Modification Request WIPP Hazardous Waste Facility Permit EPA I.D. Number NM4890139088.
23	12/29/2010	Revised to implement the revision of the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit*.
24	12/28/2011	Revised to make editorial changes. Replacing Waste Stream Profile Form (WSPF) change notice with revision to WSPF. Revising instructions for completing WSPF package.
25	02/11/2013	Revised to include timeframe for transmitting the waste stream profile form package to records. Also revised to make editorial changes needed.
26	06/19/2013	Revised to implement the Permit Modification Request Class 2 approved by New Mexico Environment Department (NMED) dated March 13, 2013.

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Attachment 5 – CCP RTR/VE Summary of Prohibited Items (Example) 36

1.0 PURPOSE

Upon completion of waste characterization activities, and prior to shipment of waste, the Central Characterization Program (CCP) is required to reconcile the data in accordance with the requirements of CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (QAPjP). Data reconciliation is required in order for the CCP Site Project Manager (SPM) to complete and submit a Waste Stream Profile Form (WSPF) (see Attachment 2, CCP Waste Stream Profile Form, for an example).

1.1 Scope

This procedure provides data reconciliation with the data quality objectives (DQOs) following data validation and verification at the CCP Project Office. This reconciliation is performed at the waste stream or waste stream lot level. This procedure provides the instructions for the completion of the WSPF Package for submittal to the U.S. Department of Energy (DOE) Carlsbad Field Office (CBFO) for permittee review and CBFO approval prior to shipment.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- DOE/WIPP 01-3194, *CH-TRU Waste Content Codes* (*CH-TRUCON*)
- DOE/WIPP 90-045, *RH-TRU Waste Content Codes* (*RH-TRUCON*)
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods For Payload Control* (*CCP CH-TRAMPAC*)
- CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control* (*CCP RH-TRAMPAC*)

Referenced Documents

- *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan*
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria For The Waste Isolation Pilot Plan*
- 40 CFR 261, *Identification and Listing of Hazardous Waste,* Subpart C, *Characteristics of Hazardous Waste.*
- 40 CFR 261, *Identification and Listing of Hazardous Waste,* Subpart D, *Lists of Hazardous Wastes*
- DOE/TRU-11-3425, *Annual Transuranic Waste Inventory Report – 2011*
- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-TP-005, *CCP Acceptable Knowledge Documentation*

2.2 Training Requirements

2.2.1 Personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan*, prior to performing this procedure.

3.0 RESPONSIBILITIES

3.1 Site Project Manager (SPM)

3.1.1 Ensures that all data generated and used in decision making meet the DQOs

[A] Assesses whether data of sufficient type, quality, and quantity have been collected.

NOTE

The WSPF Package consists of the WSPF, the Characterization Information Summary (CIS) and the Summation of Aspects of the Acceptable Knowledge (AK) Summary.

3.1.2 Completes and submits the WSPF package and required revisions.

3.1.3 Prepares the Waste Stream Characterization Package per CCP-PO-001, Section C3-6b(3) upon request from the DOE CBFO.

3.2 Acceptable Knowledge Expert (AKE)

NOTE

As the waste stream is characterized, the Acceptable Knowledge Expert (AKE) is responsible for corroborating the AK information with the characterization data collected. For the final data reconciliation (conducted in accordance with this procedure), the AKE provides assistance to the SPM.

3.2.1 Compiles the AK information for the waste stream being characterized.

3.2.2 Creates the AK summary which is used to create the Summation of Aspects of the AK summary.

3.2.3 Assigns a unique waste stream number for each waste stream based on information in the DOE/TRU-11-3425, *Annual Transuranic Waste Inventory Report* (ATWIR) and/or information from the Host site.

3.2.4 Reviews and concurs with the WSPF Package and subsequent revisions.

3.3 Host Site Subcontract Technical Representative (STR)

3.3.1 If required by the site-specific interface document, reviews, and concurs with the WSPF Package.

4.0 PROCEDURE

NOTE
The attachments in this document are examples of the requirements. The examples identify the minimum information required in the final approved report.

NOTE
Steps DO **NOT** need to be followed in sequence.

SPM

4.1 Assigning the WSPF Number

NOTE
The unique number will be limited to a maximum of 20 alpha-numeric characters. The first two characters will be the two letter site designator, and the remaining characters should coincide, to the maximum extent possible, with the title page of the AK Summary Report.

4.1.1 Assign the Waste Stream Number to the WSPF per the AK Summary Report.

NOTE
The Waste Stream Number is recorded on all applicable attachments.

4.2 Compilation and Evaluation of DQO Parameters

4.2.1 For the lot to be processed, select an appropriate number of containers that have completed CCP Project Office verification and validation from the waste stream population.

[A] Ensure that all of the containers selected are from the same waste stream by comparing the container numbers/waste stream identification numbers with the AK Tracking Spreadsheet for the subject site.

[B] Ensure all containers from any waste stream that requires Gas Generation Testing (GGT) meet one of the following requirements:

[B.1] The container is on an approved GGT Batch Data Report (BDR) and that the BDR is the most recent.

[B.2] The container is included in an approved Long Term Objective population.

[C] Ensure all containers from any waste stream that require Flammable Gas Analysis (FGA) for Transportation Sampling are on an approved FGA for transportation BDR and that the BDR is the most recent:

[D] Ensure all data to be used for certification was generated using certified equipment.

[E] Ensure that each of the BDRs chosen to certify the containers is the most recent BDR available for that characterization process (i.e., real-time radiography [RTR] or visual examination [VE], nondestructive assay [NDA], FGA, Dose-to-Curie [DTC]), Radiological Characterization.

4.2.2 Obtain copies of the following documents from CCP Records, as applicable:

- Documentation of Radiological Properties (e.g., NDA BDR), VE, RTR, FGA **AND/OR** an AK Sufficiency Determination
- Previous records of data completion and reconciliation with DQOs (see Attachment 1, CCP Reconciliation with Data Quality Objectives for an example)
- Previously completed CIS submitted to records on interoffice memo

4.2.3 Determine if sufficient data have been collected to determine if program-required waste parameters have been met, by completing the CCP Reconciliation with Data Quality Objective Attachment 1, using the attached instructions.

4.2.4 **IF** sufficient data has been collected,
THEN enter the Waste Stream Number and Lot Number on the CCP Reconciliation with Data Quality Objective.

4.2.5 **IF** data DOES **NOT** meet the criteria on the CCP Reconciliation with Data Quality Objective,
THEN sufficient data has **NOT** been collected to fully characterize the waste stream, therefore, determine the additional waste characterization that needs to be performed **AND** direct the appropriate site facility to collect the additional data.

NOTE

The CCP Reconciliation with Data Quality Objective contains multiple questions for each entry. If there are discrepancies between questions or if entries are Not Applicable (N/A), comments will be added to the form explaining how criteria are met.

4.2.6 Complete the CCP Reconciliation with Data Quality Objective, using the attached questions.

4.2.7 Print name, sign, and date the CCP Reconciliation with Data Quality Objective.

4.2.8 Place the CCP Reconciliation with Data Quality Objective in the holding file.

4.3 Preparing Waste Stream Profile Form (WSPF)

NOTE

The current approved revision of the waste stream AK Summary should be used in preparing or revising the WSPF.

4.3.1 **IF** a WSPF exists for the waste characterization data being reconciled,
THEN GO TO Section 4.7.

4.3.2 Ensure all characterization data obtained from CCP Records for the waste stream in question have gone through project level validation (i.e., signed SPM checklists).

4.3.3 Prepare a CCP WSPF (see CCP Waste Stream Profile Form, for an example) using the instructions included in Attachment 2.

4.3.4 Review, print name, sign, and date the WSPF.

4.4 Completing the Characterization Information Summary (CIS)

4.4.1 Record the Waste Stream Number and Lot Number, including the list of site specific/CCP procedures, revisions, and dates used in characterizing the containers in the lot, on the CCP Characterization Information Summary Cover Page (see Attachment 3, CCP Characterization Information Summary Cover Page for an example).

4.4.2 Complete the cross-reference listing the container numbers to each BDR (see Attachment 4, CCP Correlation of Container Identification Numbers to Batch Data Report Numbers for an example).

[A] For items **NOT** analyzed enter N/A.

[B] Print name, sign, and date the CCP Correlation of Container Identification Numbers to Batch Data Report Numbers.

4.4.3 **IF** the AK Summary for the waste stream identified the U.S. Environmental Protection Agency (EPA) Hazardous Waste Number (HWN) U134 (hydrofluoric acid),
THEN address in CCP RTR/VE Summary of Prohibited Items (see Attachment 5, CCP RTR/VE Summary of Prohibited Items for an example) that any liquid identified is a prohibited item per the applicable operating procedure and is **NOT** acceptable by the Treatment, Storage, and Disposal Facility (TSDF).

4.4.4 Complete the CCP RTR/VE Summary of Prohibited Items to document that prohibited items are **NOT** present in the waste stream or waste stream lot and to verify the physical form of the waste matches the waste stream description as determined by AK.

NOTE
If CBFO approves, VE may be performed on S3000 and S4000 when the material is not removed from the characterized container.

4.4.5 Complete the justification for the selection of radiography and/or VE as the appropriate method for characterizing the waste.

4.4.6 Print name, sign, and date CCP RTR/VE Summary of Prohibited Items.

4.5 Summation of Aspects of the AK Summary

4.5.1 Obtain an approved copy of the AK Summary for the subject waste stream in order to create a summary level version of the AK Summary, entitled the Summation of Aspects of the AK Summary (Summation).

4.5.2 Create the Summation and include the following information: waste stream name and number, point of generation, waste stream volume (current and projected), generation dates, TRUCON codes, Summary Category Group, Waste Matrix Code(s) (WMC) and Waste Matrix Code Group, other ATWIR information, waste stream description, areas of operation, generating processes, Resource Conservation and Recovery Act (RCRA) determinations, radionuclide information, method for determining Waste Material Parameter (WMP) weights per unit of waste contact-handled ([CH] only), all references used to generate the Summation, and any other information required by CCP-PO-001.

4.5.3 Include a list of any approved AK Sufficiency Determinations for the waste stream.

4.6 Submitting the WSPF Package to DOE CBFO

4.6.1 Compile the WSPF Package consisting of the following:

- WSPF
- CIS
- Summation

4.6.2 Forward a copy to the AKE for review and concurrence.

4.6.3 **IF** required by the appropriate site-specific Interface Document, **THEN** forward a copy to the STR for review and concurrence.

4.6.4 **IF** comments are received from the AKE **AND/OR** STR, **THEN** resolve the comments, **AND** forward a copy of the resolution to the reviewer(s) for concurrence.

4.6.5 **AFTER** concurrence(s) is/are received, **THEN** continue with this section.

4.6.6 Transmit the WSPF Package via e-mail to the DOE CBFO electronic mail (email) site at site.documents@wipp.ws for permittee review and CBFO approval.

4.6.7 **IF** comments are received from the permittees, **THEN** repeat steps 4.6.2 through 4.6.6 until comments have been resolved.

4.6.8 Submit approved WSPF Package to CCP Records in accordance with CCP-QP-008, *CCP Records Management,* with an interoffice memo within 30 calendar days of WSPF approval.

4.7 Subsequent Data Reconciliation

4.7.1 Obtain a copy of the WSPF Package from CCP Records.

4.7.2 Perform applicable steps of Sections 4.2 and 4.4.

NOTE
A revision required to the WSPF package that results in the addition of EPA HWNs will require the waste stream to be suspended until DOE approves the revised WSPF.

4.7.3 **IF** the waste DOES **NOT** meet the WSPF Package description, **THEN** revise the WSPF Package, **OR** assign the waste to a new waste stream.

[A] **IF** subsequent data collection reveals discrepancies that identify different EPA HWNs,
THEN the Waste Stream Profile will be revised.

[B] **IF** subsequent data collection reveals discrepancies that indicate the waste belongs to a different waste stream,
THEN initiate a nonconformance report (NCR) in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*.

NOTE
A revision required to the WSPF Package that DOES **NOT** result in addition of EPA HWNs (application of additional TRUCON Content codes, or addition of material parameter weight estimates per unit of waste) will not require the waste stream to be suspended.

[C] **IF** the WSPF Package requires a revision,
THEN make the appropriate changes in accordance with guidance provided in the CCPWSPF, **AND** submit the WSPF revision to CCP Records and DOE CBFO in accordance with the applicable steps in Section 4.6.

[D] **IF** the waste DOES **NOT** match the subject WSPF Package (i.e., have common physical form, contain similar hazardous constituents, and were generated from a single process or activity discrepancies are noted that identify different EPA HWNs or indicate that the waste belongs to a different waste stream),
THEN perform the following:

[D.1] Notify the AKE that the subject waste must be redefined to a separate waste stream in accordance with the applicable steps of CCP-TP-005, *CCP Acceptable Knowledge Documentation*, Section 4.8.

[D.2] Generate a new WSPF Package in accordance with Sections 4.2 through 4.6.

4.7.4 Provide documentation of the waste stream lot data reconciliation to CCP Records that includes the CCP CIS and CCP Reconciliation with Data Quality Objective.

4.8 Completing the Waste Stream Characterization Package

4.8.1 When requested by DOE CBFO, prepare the Waste Stream Characterization Package for the requested waste stream.

4.8.2 Obtain a copy of the subject WSPF Package from CCP Records.

4.8.3 Obtain copies of the subject CISs for each of the waste stream lots associated with the subject waste stream from CCP Records.

4.8.4 Obtain a complete copy of the AK Summary for the subject waste stream from CCP Records.

4.8.5 Obtain copies of the BDRs as requested by DOE CBFO from CCP Records.

4.8.6 Obtain copies of other data requested by DOE CBFO from CCP Records.

4.8.7 Assemble the information, **AND** transmit to DOE CBFO.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as quality assurance (QA) Records in accordance with CCP-QP-008. The records are the following:

QA/Lifetime

[A] Characterization Information Summary with attached interoffice memorandum

[A.1] Attachment 1 – CCP Reconciliation with Data Quality Objective

[A.2] Attachment 3 – CCP Characterization Information Summary Cover Page

[A.3] Attachment 4 – CCP Correlation of Container Identification Number to Batch Data Report Numbers

[A.4] Attachment 5 – CCP RTR/VE Summary of Prohibited Items

[B] Waste Stream Profile Form Package

[B.1] Attachment 2 – CCP Waste Stream Profile Form – includes Interoffice Memorandum of Submittal from the SPM

[B.2] CIS for the lot addressing the applicable analysis data

[B.3] Summation of Aspects of the AK Summary, if applicable

Attachment 1 – CCP Reconciliation with Data Quality Objective (Example)

Sampling Completeness

RTR:
Number of valid samples: _____ Number of total samples analyzed: _____
Percent Complete: _____ (QAO is 100%)

NDA:
Number of valid samples: _____ Number of total samples analyzed: _____
Percent Complete: _____ (QAO is 100%)

Attachment 1 – CCP Reconciliation with Data Quality Objective (Example) (Continued)

Waste Stream#: _____ Lot #: _____

	Y/N/NA	Reconciliation Parameter			
1.		Waste Matrix Code.			
2.		Waste Material Parameter Weights.			
3.		The transuranic (TRU) activity reported in the BDRs for each container demonstrates with a 95 percent probability that the container of waste contains TRU radioactive waste.			
4.		AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?			
5.		The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 *Code of Federal Regulations* (CFR), Part 261, *Identification and Listing of Hazardous Waste,* Subpart C, *Characteristics of Hazardous Waste*.			
6.		Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, *Lists of Hazardous Wastes*?			
7.		Waste stream can be classified as hazardous or nonhazardous.			
8.		The overall completeness, comparability, and representativeness quality assurance objectives (QAOs) were met for each of the testing procedures as specified in CCP-PO-001Sections C3-1 through C3-2 prior to submittal of a WSPF for a waste steam or waste stream lot.			
			Completeness	**Comparability**	**Representativeness**
		Radiography			
		VE			
Comments					

SPM Printed Name _____ Signature _____ Date _____

Attachment 1 – CCP Reconciliation with Data Quality Objective (Example) (Continued)

Instructions for completing form:

Prior to completing Blocks 1 through 13, the SPM or Designee shall complete the Sampling Completeness portion of Attachment 1.

For each waste container and process, verify that:

- The waste container, by serial number, is included in the BDR shown for each characterization methodology listed in Attachment 4, CCP Correlation of Container Identification Numbers to Batch Data Report Number.
- The BDR has gone through project level validation and verification and has received SPM approval.
- The waste container was not removed from the BDR via NCR.

This information is recorded on Attachment 1 under the Sampling Completeness.

This process confirms that the samples are valid and that there is analysis data in the BDRs to support the determination, by the SPM, of program-required waste parameters for the total number of samples collected.

1. Waste Matrix Code. Is the waste matrix code assigned to the waste stream in the AK Summary Report supported by the radiography and/or VE testing BDRs?
2. Waste Material Parameter Weights. Are the waste material parameters listed in the AK Summary reported in kilograms for each of the waste material parameters identified in the waste stream?
3. TRU Radioactive Waste. Does the TRU activity reported in the BDR for each container demonstrate compliance with CCP-PO-002, *CCP Transuranic Waste Certification Plan*?
4. AK Sufficiency Determinations requested for the waste stream? If the answer is Yes, record request in comments field and document the use of the AK Sufficiency Determination as objective evidence for answering Yes to other DQOs.
5. Toxicity Characteristic. Does the waste exhibit a toxicity characteristic under 40 CFR Part 261, Subpart C?
6. Listed Waste. Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D?
7. Hazardous Waste Determination. Can the waste stream be classified as hazardous or nonhazardous?

Attachment 1 – CCP Reconciliation with Data Quality Objective (Example) (Continued)

8. Completeness, Comparability, and Representativeness. Have the overall completeness, comparability, and representativeness quality assurance objective (QAOs) for each of the testing, processes been met for the waste stream or waste stream lot by answering each of the following questions:

   - Completeness:

     o RTR: Is there an audio/videotape (or equivalent media) of the radiography examination and a validated radiography data form for 100 percent of the containers subject to radiography?

     o VE: A validated VE data form will be obtained for 100 percent of the waste containers subject to VE.

   - Comparability: RTR and VE:

     o Was the correct approved version of the procedure used by qualified operators to acquire, verify, and validate the data?

   - Representativeness: Was the correct approved version of the procedure used to control:

     o RTR: Viewing test image, resolving discrepancies between two operators

     o VE: Reconciling any discrepancies between the operator and the Independent Technical Reviewer

Attachment 2 – CCP Waste Stream Profile Form (Example)

(1) Waste Stream Profile Number:								
(2) Generator site name:							(3) Generator site EPA ID:	
(4) Technical contact:							(5) Technical contact phone number:	
(6) Date of audit report approval by New Mexico Environment Department (NMED):								
(7) Title, version number, and date of documents used for WIPP-WAP Certification:								
(8) Did your facility generate this waste?	YES		NO					
(9) If no, provide the name and EPA ID of the original generator:								
Waste Stream Information								
(10) WIPP ID:							(11) Summary Category Group:	
(12) Waste Matrix Code Group:							(13) Waste Stream Name:	
(14) Description from the ATWIR:								
(15) Defense TRU Waste:	YES		NO					
(16) Check One:	CH		RH					
(17) Number of SWBs (17a) Number of SLB2		(18) Number of Drums					(19) Number of Canisters	
(20) Batch Data Report numbers supporting this waste stream characterization:								
(21) List applicable EPA Hazardous Waste Numbers:								
(22) Applicable TRUCON Content Numbers:								
(23)**Acceptable Knowledge Information**								
(For the following, enter the supporting documentation used [i.e., references and dates])								
Required Program Information								
(23A) Map of site:								
(23B) Facility mission description:								
(23C) Description of operations that generate waste:								
(23D) Waste identification/categorization schemes:								
(23E) Types and quantities of waste generated:								
(23F) Correlation of waste streams generated from the same building and process, as applicable:								
(24) Waste certification procedures:								
(25) Required Waste Stream Information								
(25A) Area(s) and building(s) from which the waste stream was generated:								
(25B) Waste stream volume and time period of generation:								
(25C) Waste generating process description for each building:								
(25D) Waste Process flow diagrams:								
(25E) Material inputs or other information identifying chemical/radionuclide content and physical waste form:								
(25F) Waste Material Parameter Weight Estimates per unit of waste								
(26) Which Defense Activity generated the waste:								
	Weapons activities including defense inertial confinement fusion							Naval Reactors development
	Verification and control technology							Defense research and development
	Defense nuclear waste and material by products management							Defense nuclear material production
	Defense nuclear waste and materials security and safeguards and security investigations							

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

(27) Supplemental Documentation:	
(27A) Process design documents:	
(27B) Standard operating procedures:	
(27C) Safety Analysis Reports:	
(27D) Waste packaging logs:	
(27E) Test plans/research project reports:	
(27F) Site databases:	
(27G) Information from site personnel:	
(27H) Standard industry documents:	
(27I) Previous analytical data:	
(27J) Material safety data sheets:	
(27K) Sampling and analysis data from comparable/surrogate Waste:	
(27L) Laboratory notebooks:	
Confirmation Information	
For the following, when applicable, enter procedure title(s), number(s) and date(s)	
(28)	Radiography:
	Visual Examination:

(29) Comments: For a list of the waste characterization procedures used and date of respective procedures see the list of procedures on the attached CIS.

Reviewed by AK Expert: **YES** ☐ **Date:** _____

Reviewed by STR (if necessary): **YES** ☐ **N/A** ☐ **Date:** _____

Waste Stream Profile Form Certification:

I hereby certify that I have reviewed the information in this Waste Stream Profile Form, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Site Project Manager	Printed Name	Date

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

CCP WASTE STREAM PROFILE PACKAGE

A WSPF Package should be completed as early as possible (once sufficient data has been obtained [e.g., at least one lot]) and submitted to DOE CBFO for approval.

The SPM, in completing the WSPF, should seek the assistance and participation of the AKE in the preparation of the form and attachments.

The WSPF package submitted to DOE CBFO for approval contains three parts. The first part is the WSPF itself. The second part is the CIS Report for the waste stream or waste stream lot used to support the WSPF. The last part is the *Summation of Aspects of the AK Summary Report*, to support the WSPF. The completion of the first and third parts of the package is addressed in these instructions. Completion of the CIS is addressed in CCP-TP-002, *CCP Reconciliation of DQOs and Reporting Characterization Data*, and associated forms.

Instructions for completing the Waste Steam Profile Form:

Obtain an approved copy of the current WSPF Package from CCP Records; for new WSPFs, it will be blank.

Line numbers indicated below refer to the number in the parenthesis on the CCP WSPF.

The brackets [ ] indicate the primary source of the information requested if not otherwise referred to within the instruction.

Line 1:

Assign a site-specific waste stream profile number to each form generated. The number should normally coincide, to the extent possible, as it appears on the title page of the AK Summary Report. The SPM is responsible for selecting the number after referring to the AK Summary Report. The number should start with the applicable two-digit site designator. The number should be limited to 20 alpha-numeric characters maximum. Indicate waste stream lots with a period and sequentially numbered digits added to the waste stream profile number.

Line 2:

Enter the name of the site where the waste is currently stored. [AK Summary Report]

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

Line 3:

Enter the EPA Identification (ID) Number of the site listed in Line 2. The ID number, if not included in the AK Summary Report, can be obtained from the EPA Regional office in which the site is located. The AKE should assist in the acquisition of this information.

Line 4:

Enter the name of the technical contact for this site. This is the individual to be contacted if there are questions concerning the data reported on the form, usually the SPM.

Line 5:

Provide the telephone number of the person identified in Line 4.

Line 6:

Enter the date of the most recently approved audit report approval by NMED. If the site has been audited but an audit report has not yet been approved by DOE CBFO, contact the CCP Project Manager. If DOE CBFO has approved the audit report and is awaiting approval by New Mexico Environmental Department (NMED), submit the WSPF package to DOE CBFO for distribution to the Waste Isolation Pilot Plant (WIPP) Review Team.

Line 7:

List the site-specific waste program documents (such as CCP-PO-001, the CCP-PO-003, Interface, etc.) listing the current revision.

Line 8:

Check the appropriate box. [AK Summary Report]

Line 9:

If the site where the waste is currently stored is not the site where the waste was generated, then provide the name and EPA identification number of the site where the waste was generated. [The AK Summary Report should provide the information as to where the waste was generated. The ID number, if not included in the AK Summary Report, can be obtained from the EPA Regional Office in which the site is located. The AKE should assist in the acquisition of this information.]

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

If the waste was generated at the site where it is currently stored, place an N/A in this box.

Line 10:

Enter the WIPP identification number from the current revision of the Annual Transuranic Waste Inventory Report (ATWIR) that best describes the waste stream being certified. CCP may split or combine ATWIR waste streams for the purposes of defining waste sampling populations. If CCP has split or combined ATWIR waste streams, all contributing ATWIR waste streams listed on the WSPF should also be indicated on the Summation of Aspects of AK Summary Report.

If there is no corresponding WIPP ID number listed in the ATWIR or if the ATWIR information is in error or no longer applies, enter None Available. If there is no corresponding WIPP ID number listed in the ATWIR, contact the AKE for assistance. (A copy of the ATWIR may be found in the WIPP Technical Library in the Skeen Whitlock Building.)

Line 11:

Enter the Summary Category Group identified in the AK Summary Report as representing this waste stream.

Line 12:

Enter the Waste Matrix Code (WMC) Group identified in the AK Summary Report as representing this waste stream. Use only WMC Groups identified in the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan* (WIPP-WAP).

Line 13:

Enter the name of the waste stream from the AK Summary Report.

Line 14:

Enter the waste stream description from the ATWIR (preferred) or AK Summary Report.

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

Line 15:

Check the appropriate box. [AK Summary Report]

If the answer to this question is NO, stop work and notify the CCP Program Manager immediately. This waste can not be disposed of at the WIPP Site.

Line 16:

Check the appropriate box.

CH=contact-handled TRU waste
RH=remote-handled TRU waste

[AK Summary Report for the waste stream identified above.]

Line 17:

Enter the number of standard waste boxes in this waste stream (current and projected). [AK Summary Report] If there are no standard waste boxes in the waste stream, N/A should be entered.

Line 17a:

Enter the number of standard large box 2s (SLB2s) in this waste stream (current and projected). [AK Summary Report] If there are no SLB2s in the waste stream, N/A should be entered.

Line 18:

Enter the total number of drums in the waste stream (current and projected). Enter the number of Ten-Drum Overpacks (TDOPs), 85-gallon drums and 100-gallon drums if applicable (current and projected). [AK Summary Report]

If there are no drums (e.g., only SWBs, SLB2s, or Canisters) in the waste stream, N/A should be entered.

Line 19:

Enter the number of canisters in this waste stream (current and projected). [AK Summary Report]

If there are no canisters in the waste stream, N/A should be entered.

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

Line 20:

List the TRU Waste BDR numbers used to support the completion of this WSPF. This list shall include every container and the associated BDRs from each process in the waste stream OR every container in the waste stream lot and the associated BDRs from each process used in that characterization (for example NDA, RTR, HSG, VE, etc). Reference may be made to the CIS (Attachment 3 and contents) (The CIS for the waste stream, or waste stream lot associated with the WSPF, is submitted as part of the WSPF package to DOE CBFO for approval).

Line 21:

List each EPA HWN that is present in the waste stream. Each EPA HWN must be listed in the WIPP Hazardous Waste Facility Permit, Attachment C, Table C-9, Hazardous Waste Permit Application, Part A. Each EPA HWN must be justified in the Waste stream specific AK Summary Report. The AKE should assist in this determination.

Line 22:

Enter all of the TRUCON Content Numbers, from the current revision of the content codes document applicable to this waste stream. [AK Summary Report]

Line 23: A-F

Reference all of the appropriate sections, figures, or pages in the current revision of the AK Summary Document (including the document title, number, revision number, and effective date) for this waste stream where the listed information can be found in the AK document.

Line 24:

List all of the waste stream certification procedures applicable to this waste stream. Include procedure numbers, revision numbers, titles, and effective date. This list should contain all revisions of a document that were used during the characterization of the waste. References may be made to the CIS, Attachment 3.

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

Line 25 A-F:

Reference all of the appropriate sections, figures, or pages in the current revision of the AK Summary Document (including the document title, number, revision number, and effective date) for this waste stream where information listed can be found in the AK document.

Line 26:

Check all that apply that describes the defense activities that generated the waste.
[AK Summary Report]

Line 27 A-L:

Sites must provide the appropriate references to the site-specific documents that contain documentation that is used to support the use of AK for TRU waste characterization. Items in this section must be given the same level of consideration as the items in the Required Program Information and Required Waste Stream Information sections. This information may either be inserted into the block or referenced as listed on a continuation sheet. The AKE should provide appropriate lists of documents for use in completing Line 27. Only those documents referenced in the AK Source Documents List in the Summation of Aspects should be included in these lists.

Using information from the AK Record or from a document that is traceable to the AK record, provide a reference for the following parameters:

(A) Process design document (e.g., Title II Design).

(B) Standard operating procedures, including procedure date and reference number, that may include a list of raw materials or reagents, a description of the process or experiment generating the waste, and a description of the process or experiment generating the waste, and a description of waste generated and how the wastes are managed at the point of generation.

(C) Preliminary and final safety analysis reports and technical safety requirements.

(D) Waste packaging records.

(E) Test plans or research project reports that describe reagents and other raw materials used in experiments.

(F) Site databases (e.g., chemical inventory database for Superfund Amendments and Reauthorization Act Title III requirements).

(G) Information from site personnel (e.g., documented interviews).

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

(H) Standard industry documents (e.g., vendor information).

(I) Analytical data relevant to the waste stream, including results from fingerprint analyses, spot checks, routine verification sampling, or other processes that collect information pertinent to the waste stream. This may also include new information acquired apart from the confirmatory process, which supplements required information (e.g., visual examination not performed in compliance with the WIPP-WAP, radiography screening for prohibited items).

(J) MSDSs, product labels, or other product package information.

(K) Sampling and analysis data from comparable or surrogate waste streams (e.g., equivalent nonradioactive materials).

(L) Laboratory notebooks that detail the research processes and raw materials used in an experiment.

Line 28:

List the most current revisions of the approved applicable procedure(s) by the title, number, revision number, and effective date in the appropriate block.

Line 29:

For a list of the waste characterization procedures used and date of respective procedures, see the list of procedures on the attached CIS.

Instructions for completing the Summation of Aspects of the AK Summary Report:

This summation should be as succinct as possible and consistent with the AK Summary Report.

Example:

SUMMATION OF ASPECTS OF AK SUMMARY REPORT: WASTE STREAM NTXXXXXXX

Overview

The overview is an executive summary of the summation. It should contain general information about where the waste was generated, where it is stored, reference to the WSPF number and the AK Summary Report from which the information is compiled, etc. In addition, the overview should contain summary level information that the waste stream is derived from defense related activities.

Waste Stream Identification Summary

This section should contain, as a table, the information identified below, if applicable.

Waste Stream Name
Waste Stream Number

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

Dates of Waste Generation
Waste Stream Volume (current and projected by container)
Summary Category Group
Waste Matrix Code Group
Waste Matrix Code
TRUPACT-II Content code (TRUCON)
TRUPACT-III Content Code
ATWIR ID Number

Waste Stream Description and Physical Form

This section should contain information regarding what the waste consists of generally. For instance: the source of the waste - nonline laboratory trash that is heterogeneous debris and includes plastics, rubber, paper, glass, etc.

Point of Generation

Location

Specifically where the waste was generated:
Facility, description of the site, state, area designation, building number, production line, etc.

Area and/or Buildings of Generation

Short summary regarding the buildings or areas or productions lines, etc. that generated the waste.

Generating Processes

Description of Waste Generating Processes

This section should be a more detailed description of where and how the waste is generated. It can be building by building, process line by process line, or any other grouping that makes sense. These descriptions should be complete enough for understanding yet still striving for brevity.

Waste Stream Material and Chemical Inputs

A Table of Chemicals, for which an EPA HWN has been assigned. Include at least one identified use for each chemical.

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

RCRA Determinations

Historical Waste Management

The Historical Waste Management section is used to explain site policies or previous RCRA designation of the waste and how CCP uses those determinations. Explanations of how the site physically managed the waste and discussion of waste tracking or other management programs are optional. Include a discussion of duplicated CBFO approved waste streams generated under other certified programs.

Hazardous Waste Determinations

The AKE should assist in the hazardous waste determination. Include discussions in appropriate section below for instances where EPA HWNs are added as a result of confirmation activities.

The following text should be used to begin the discussions of ignitable, corrosive, and reactive characteristics.

Ignitability, Corrosivity, Reactivity

The waste material in this waste stream does not meet the definition of ignitable, corrosive, and reactive as defined in 40 CFR 261.21.

The waste in this waste stream is not liquid and does not contain unreacted corrosive chemicals; therefore, it does not meet the definition of corrosivity found in 40 CFR 261.22.

The waste material in the waste stream does not meet the definition of reactivity in 40 CFR 261.23. The materials are stable and will not undergo violent chemical change without detonating. The materials will not react violently with water, form potentially explosive mixtures with water, nor generate toxic gases, vapors, or fumes when mixed with water. Include other text such as the absence of sulfides and cyanides as appropriate.

Provide adequate detail to describe the absence of ignitable, corrosive, or reactive waste in the waste stream. Ensure the discussion closes with a statement such as, “The containers in the waste stream will be evaluated in accordance with the WIPP-WAP using radiography (and/or VE) prior to shipment to ensure the waste is not ignitable, reactive, or corrosive.

Ignitable (D001) wastes are prohibited from disposal at WIPP. Any potential D001 wastes in the waste stream must be evaluated and a determination of whether or not to apply the D001 number must be made.

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

Special care must be taken to address items such as metal powders which are not normally thought of as ignitable.

Some chemicals, to which the D001 EPA HWN is applied, may be identified in the AK. The D001 number is applied due to ignitability. The SPM must be able to address the ignitability of these wastes and determine that the characteristic of ignitability does not apply.

If the SPM can not positively state at the conclusion of this section that "The waste number for ignitability (D001) does not apply to this waste stream," contact the CCP Project Manager.

Corrosive (D002) wastes are prohibited from disposal at WIPP. Any potential D002 wastes in the waste stream must be evaluated and a determination of whether or not to apply the D002 number must be made.

If the SPM can not positively state at the conclusion of this section that "The waste number for Corrosivity (D002) does not apply to this waste stream," contact the CCP Project Manager.

Reactive (D003) wastes are prohibited from disposal at WIPP. Any potential D003 wastes in the waste stream must be evaluated and a determination of where or not to apply the D003 number must be made.

If the SPM can not positively state at the conclusion of this section that "The waste number for Reactivity (D003) does not apply to this waste stream," contact the CCP Project Manager.

Toxicity Characteristic

Determine if the waste in this waste stream meets the definition of toxicity as defined in 40 CFR 261.24. For each chemical listed in CFR 261.24, determine if the EPA HWN should be applied to the waste stream.

If it is not possible to identify a specific source of the chemical, but the determination is made to apply the number, state that the number is being applied based on the information available.

Listed Waste

F-Listed Waste

Determine if the waste in this waste stream meets the requirements for listing as an F-Listed (Hazardous Waste from Non-Specific Sources) as defined in 40 CFR 261.31. For each chemical listed in CFR 261.31, determine if the EPA HWN should be applied to the waste stream.

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

If it is not possible to identify a specific reason to apply the number for a chemical, but never the less the determination is made to apply the number, state that the number is being applied based on the information available.

K-Listed Waste

K-Listed wastes (Hazardous Waste from Specific Sources) are unlikely in waste to be shipped to WIPP. If K wastes are included, document as below for P- and U-Listed wastes.

P- and U-Listed Wastes

P- and U-Listed wastes are lists of chemicals that if present in the waste as pure un-used commercial chemical products would require the application of the EPA HWN.

Determine if the waste in this waste stream meets the requirements for listing as a P- or U-Listed as defined in 40 CFR 261.33. For each chemical listed in CFR 261.33, determine if the EPA HWN should be applied to the waste stream.

If it is not possible to identify a specific reason to apply the number for a chemical, but never the less the determination is made to apply the number, state that the number is being applied based on the information available.

Hydrofluoric acid (U134) and Beryllium (P015) are of special interest and must be addressed in every WSPF.

Polychlorinated Biphenyls

Evaluate the presence of Polychlorinated Biphenyls (PCBs) in the waste.

Prohibited Items

Include the appropriate prohibited items discussion from the AK Summary Report including a discussion as to how the prohibited items will be identified and remediated prior to shipment (such as radiography or VE).

Method for Determining Waste Material Parameter Weights per Unit of Waste

Describe the method used for determining waste material parameter weight estimates per unit of waste and include the WMP estimates table.

List of Any AK Sufficiency Determinations Requested for the Waste Stream

List applicable AK sufficiency determinations.

Attachment 2 – CCP Waste Stream Profile Form (Example) (Continued)

Transportation

Briefly discuss DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria For The Waste Isolation Pilot Plant* (WIPP-WAC) transportation requirements as they pertain to identified TRUCON codes as dictated by the waste stream.

Beryllium

Address the WIPP-WAC requirements for beryllium.

Radionuclide Information

Present the two most prevalent isotopes expected from the waste stream (CH only). Insert radionuclide table from the AK Summary Report.

Include a brief discussion on payload management per the WIPP-WAC, Appendix E.

Source Documents

Insert reference list from AK Summary Report.

Revision to the Waste Stream Profile Form Package

If a revision to the WSPF Package is needed, a revised WSPF is created. Reasons for revising the WSPF Package include:

- Addition of EPA HWNs
- Application of additional TRUCON Content codes
- Addition of material parameter weight estimates per unit of waste

Attachment 3 – CCP Characterization Information Summary Cover Page (Example)

Waste Stream: #: _____ Lot #: _____

AK Expert Review: _____ Date: _____

SPM Review: _____ Date: _____

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Controlled
Copy

Attachment 4 – CCP Correlation of Container Identification Number to Batch Data Report Numbers (Example)

Waste Stream #: ________________________________ Lot #: ___________

Container ID Number	NDA BDR	RTR BDR	VE BDR	Payload Management/ Overpack Yes

_______________________________ _______________________________ _______________
Signature of Site Project Manager Printed Name Date

Attachment 5 – CCP RTR/VE Summary of Prohibited Items (Example)

CCP RTR/VE Summary of Prohibited Items

Waste Stream Number: _____ Lot(s)#: _____

Container Number	RTR Prohibited Items [a,b]	Visual Examination Prohibited Items [a,b]	Does the Physical Form of the Waste Match the Waste Stream Description as Determined by AK
a. See Batch Data Reports b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF)			
Justification for the selection of RTR and/or VE:			

Site Project Manager Signature Printed Name Date

Controlled
Copy

CCP-TP-005

Revision 26

CCP
Acceptable Knowledge Documentation

EFFECTIVE DATE: 08/12/2013

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
4	01/17/2002	Revised to delete the requirement for signing the AK Summary and other minor changes. Added cis & trans-1,2-Dichloroethylene, Attachment 5.
5	01/24/2002	Minor change to Attachment 14 due to the following: Signature lines were struck and approved by all levels of review in previous revision. When preparing document to be issued signature lines were inadvertently left in and must now be removed. Printed name and "approved for use" are being inserted to reflect the CCP Procedure format.
6	07/23/2002	Revised document to: • Comments based on CH-WAC revision • Accommodate comments from an assessment at SRS Document Review Record for Technical and Quality Assurance • Comments from a Program Evaluation at ANL-E
7	09/06/2002	Revised document to: • Minor editorial changes to 2.1, 4.2, 4.3, and 4.4 Changes to 4.4.17 to comply with WAP requirements and Program Evaluation Changes to 4.4.26 to comply with Program Evaluations for NTS.
8	09/19/2002	Revised document based on comments from the ANLE Certification Audit and a CBFO Adequacy Review; revised Sections 3.1, 4.2, 4.3, 4.4, 4.5 and Attachments 7, 10, and 11.
9	09/26/2002	Revised document based on comments from the NTS Certification Audit; revised Sections 4.3, 4.4, 4.5, and 4.6.
10	10/24/2002	Revised step 3.2.13; added Section 3.6 and steps 4.7.18 and 4.7.19; and revised Attachment 10 based on comments from the SRS Recertification Audit.
11	02/05/2003	Revised document to address CAR #02-087 and CAR # 02-088 from the ANL-E Certification Audit. Revised steps 4.4.1 and added NOTE. Revised steps 4.4.17, 4.4.20, 4.4.24, 4.4.26, and 4.5.1 [D.2]

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
12	03/26/2003	Revised step 4.4.8 and preceding NOTE.
13	11/18/2003	Revised document to: - Perform minor editorial changes throughout document. Clarify that Attachments are example forms. Remove Attachments 11 and 12 to create electronically fillable forms of these attachments. Add Section 3.7 to include responsibility of Nondestructive Assay (NDA) Subject Matter Expert (SME) to perform assessment with the Acceptable Knowledge Expert. Update steps 4.4.17 and 4.4.18 to require that the uses and limitations of the radionuclide Acceptable Knowledge information is reviewed by the NDA SME. Add Section 4.9 to address CAR-SRS-006-03 for the process used to document the addition of containers to existing waste streams. Added a new Section 4.3.3 identifying the use of Memorandum to CCP Central Records. Added a new Section 4.6.3 to incorporate preparation of a letter/memorandum to Site Project Manager summarizing AK information; revision of Sections 4.6.4 and 5.1.1[J] to incorporate the addition of 4.6.3. Deleted Section 4.1.3 Process Equipment Description from the AK Summary Report Content Guide. - Modified Attachment 5.
14	11/19/2004	Revised document to: - Perform minor editorial changes and technical clarifications throughout document. - Revised procedure to address WIPP WAC Revision 1 and 2 changes relating to beryllium, payload container management, high plutonium content waste/material, and PCB requirements (Sections 1.0 and 4.4.24). - Revised Section 4.8.1 to allow for resolution of discrepancies within the AK Summary Report. - Deleted redundant records management requirement to attach copies of the AK Source Document Discrepancy reports to all affected sources. - Deleted step 4.4.8[B].

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
15	03/31/2005	Revised document to incorporate WIPP WAP AK requirements for LANL sealed sources. Addressed CBFO comments.
16	02/27/2006	Revised document to: Incorporate minor editorial changes and technical clarifications throughout the document. Add Sections 4.10 and 4.11 to address creation and maintenance of the Container Tracking Spreadsheet on the FTP (CAR-INL-0003-05). Replace revised Attachments 5 and 10 based on recent audit discussions.
17	06/05/2006	Revised to allow the use of attachments to this procedure during the management of Remote-Handled (RH) Acceptable Knowledge (AK) in accordance with DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan* (WCPIP). Revised Attachment 6, Waste Form, Waste Material Parameters, Prohibited Items, and Packaging – Example Form per Los Alamos National Laboratory (LANL) Certification Audit A-06-11.
18	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR). Addressed Carlsbad Field Office (CBFO) Document Review Record (DRR) comments.
19	07/06/2010	Revised document to address the Waste Isolation Pilot Plant (WIPP) Form WF09-171 from an internal Central Characterization Project (CCP) audit and to incorporate minor editorial changes and technical clarifications noted as a result of various Acceptable Knowledge audits.
20	11/01/2010	Revised to allow new and updated attachments and source documents to be submitted anytime after the initial submittal.
21	12/29/2010	Revised to implement the revision of the *Waste Isolation Pilot Plant Hazardous Waste Facility Permit*.
22	04/21/2011	Revised to address changes in Revision 2 of the *Remote-Handled Tru Waste Characterization Program Implementation Plan* (WCPIP). Incorporated editorial changes and technical clarifications throughout procedure.
23	06/30/2011	Revised to clarify what constitutes a record as part of the resolution to resolve CBFO CAR11-043.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
24	11/28/2011	Revised to address comments from inspectors during U.S. Environmental Protection Agency (EPA) Baseline Inspection EPA-SNL-CCP-RH-06.11-8 (June 6/8, 2011). Also revised to incorporated lessons learned from Carlsbad Field Office (CBFO) records surveillance.
25	06/19/2013	Revised to incorporate Nuclear Waste Partnership (NWP) transition changes and to implement the Permit Modification Request Class 2 approved by New Mexico Environment Department (NMED) dated March 13, 2013.
26	08/12/2013	To clarify the evaluation of nondestructive assay (NDA) results by the site project manager (SPM) and acceptable knowledge expert (AKE). Also, to incorporate changes as a result of CAR-LANL-0003-13.

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LIST OF ATTACHMENTS

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1.0 PURPOSE

The *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan* (WIPP-WAP), authorizes the use of acceptable knowledge (AK) in appropriate circumstances to delineate waste streams and to characterize hazardous waste. WIPP WAP AK requirements are addressed in CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*, and implemented through this procedure. DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WIPP-WAC), AK requirements are addressed in CCP-PO-002, *CCP Transuranic Waste Certification Plan*. Additionally, implementation of this procedure will generate information required by CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control* (*CCP CH-TRAMPAC*) and CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control* (*CCP RH-TRAMPAC*). This procedure applies to Central Characterization Program (CCP) personnel who perform AK activities for retrievably stored and newly generated transuranic (TRU) waste streams that may be eligible for disposal at Waste Isolation Pilot Plant (WIPP).

1.1 Scope

This procedure describes the processes the CCP uses to compile, review, evaluate, update, and report AK documentation. The procedure also describes how the CCP determines AK Sufficiency, AK accuracy; re-evaluates AK documentation when necessary; resolves AK documentation discrepancies, and uses AK to delineate waste streams and determine whether the waste is hazardous. A waste stream is defined as waste materials that have common physical form, that contain similar hazardous constituents (similar radiological properties for DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan* [WCPIP] compliance), and that are generated from a single process or activity.

Only CCP personnel trained in accordance with CCP-QP-002, *CCP Training and Qualification Plan,* will compile, evaluate, and document AK information in accordance with this procedure. Sites hosting the CCP may assist CCP personnel in the collection of AK information; however, this procedure will be used by the CCP to generate the required AK in accordance with CCP-PO-001, CCP-PO-002, CCP-PO-003, and CCP-PO-505.

AK includes any documentation that describes or verifies site history, mission, and operations, in addition to waste stream-specific information used to define the generating process, waste matrix, waste quantities and contaminants (radiological and chemical).

The information acquired in the performance of this procedure is used to prepare an AK Summary Report or an AK Sufficiency Determination.

This information is provided in the following attachments:

- Attachment 1 – Acceptable Knowledge Documentation Checklist – Example Form
- Attachment 2 – Record of Communication – Example Form
- Attachment 3 – Acceptable Knowledge Source Document Summary – Example Form
- Attachment 4 – Acceptable Knowledge Information List – Example Form
- Attachment 5 – Hazardous Constituents – Example Form
- Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging
- Attachment 7 – Radionuclides – Example Form (CH only)
- Attachment 8 – Waste Containers List – Example Form
- Attachment 9 – Attachment 9 is no longer required and Attachment number is reserved for future use.
- Attachment 10 – Acceptable Knowledge Re-evaluation Checklist – Example Form
- Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Example Form
- Attachment 12 – Example Form and Content Guide for AK Summary Reports
- Attachment 13 – CCP Waste Stream Characterization Checklist – Example Form
- Attachment 14 – CCP Acceptable Knowledge Accuracy Report – Example Form
- Attachment 15 – CCP TRU Waste Correlation and Surrogate Summary Form – Example Form

The attached forms are provided as examples for the required AK information to be prepared for CCP Records. The forms identify the minimum information that will be prepared to document the AK collection and review process described in this procedure. Attachment 4, Acceptable Knowledge Information List – Example Form, lists all of the information that was collected and considered during the preparation of an AK Summary Report. Only those sources of information that are referenced in the AK Summary Report are considered source documents and submitted to CCP Records.

Remote-Handled (RH) TRU AK management will be performed in accordance with WCPIP to address U.S. Environmental Protection Agency (EPA) requirements; and CCP-PO-001 to address WIPP-WAP requirements. The attachments for AK management in this procedure were reviewed and determined to meet or exceed the information requirements described for AK management in the WCPIP, and will be used, as appropriate, during the compilation, review, evaluation, and reporting associated with RH AK information.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- DOE/WIPP 89-004, *TRUPACT-II Content Codes* (TRUCON)

Referenced Documents

- DOE/LLW-217, *DOE Waste Treatability Group Guidance. Idaho Falls*, Idaho, INEL-Lockheed Idaho Technologies
- DOE/TRU-12-3425, *Annual Transuranic Waste Inventory Report – 2012,* (or current revision), Carlsbad, New Mexico, U.S. DOE Carlsbad Field Office
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria For the Waste Isolation Pilot Plant*
- DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
- 20 NMAC 4.1, New Mexico Administrative Code
- 40 CFR Part 261, *Identification and Listing of Hazardous Waste*
- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control* (*CCP CH-TRAMPAC*)
- CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control* (*CCP RH-TRAMPAC*)
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-QP-010, *CCP Document Preparation, Approval, and Control*
- CCP-QP-029, *CCP Corrective Action Management*

- CCP-TP-002, *CCP Reconciliation of DQOs and Reporting Characterization Data*
- CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging*
- CCP-TP-101, *CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization*
- 42 U.S.C. 10101, *Nuclear Waste Policy Act of 1982*, U.S. Congress
- 40 CFR part 761*, Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions,* U.S. EPA

2.2 Training Requirements

2.2.1 All personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002*,* prior to performing this procedure.

3.0 RESPONSIBILITIES

3.1 Site Project Manager (SPM)

3.1.1 Ensures that trained AK Experts (AKE) are available to implement this procedure in coordination with the Host site.

3.1.2 Approves, resolves, and requests re-evaluation of AK as necessary.

3.1.3 Makes final waste stream determinations, EPA Hazardous Waste Number assignments, and compares, confirms, and approves the AK documentation.

3.1.4 Prepares the AK Accuracy Report.

3.1.5 Confirms the chemical compatibility to the assigned TRUCON code and reviews the characterization data for each waste stream.

3.2 CCP Inventory and AK Support Manager

3.2.1 Manage and direct AKEs to ensure qualified individuals are performing tasks specified.

3.2.2 Coordinate between AKE and SPM for development of AK Summary Reports and Waste Stream Profile Forms.

3.2.3 Provide site-by-site tracking of AK development to allocate AK resources as needed.

3.3 AK Expert (AKE)

3.3.1 Identifies, locates, compiles, documents, summarizes, and evaluates required AK information.

3.3.2 Delineates waste streams and assigns waste stream numbers.

3.3.3 Recommends hazardous waste determinations to the SPM.

3.3.4 Prepares and revises AK Summary Reports.

3.3.5 Collects, reviews, prepares, and submits source documents as necessary.

3.3.6 Prepares and revises the AK Sufficiency Determination Request.

3.3.7 Documents and resolves discrepancies with AK information.

3.3.8 Records meetings, telecommunications, interviews and other communications.

3.3.9 Completes and maintains document summaries and information lists.

3.3.10 Reviews and verifies AK information.

3.3.11 Develops waste stream descriptions.

3.3.12 Assigns Summary Category Groups and Waste Matrix Codes, and estimates waste material parameter (WMP) weights.

3.3.13 Prepares auditable file of AK information.

3.3.14 Re-evaluates and updates AK as needed.

3.3.15 Reviews and concurs on the Waste Stream Profile Form (WSPF).

3.3.16 Supports the development of the AK qualification method(s) and compliance with the applicable Data Quality Objectives (DQOs) for RH wastes streams in accordance with the WCPIP.

3.4 Off-Site Source Recovery (OSR) Program

3.4.1 For Los Alamos National Laboratory (LANL) sealed sources, assists the AKE in preparing the Nondestructive Assay (NDA) Memorandum discussed in step 4.4.24.

3.5 Nondestructive Assay (NDA) Expert Analyst (EA)

3.5.1 Performs the assessment for the NDA Memorandum discussed in step 4.4.24 with the AKE.

4.0 PROCEDURE

NOTE

The data collection, documentation, and AK preparation steps can be performed in any sequence as long as the AK data collection requirements found in CCP-PO-001 are met.

NOTE

The attached forms referenced in this section are provided as examples for the required AK information to be prepared for CCP Records. The forms identify the minimum information that will be prepared to document the AK collection and review process described in this procedure. All attachments submitted must contain a header with the procedure number, revision number, procedure title, effective date, and page number as displayed in the Example Attachments. Attachments must also contain the Attachment number and title immediately following the header, as shown on the Example Attachments.

4.1 AK Documentation Management

AKE

4.1.1 As they are collected, maintain the compiled AK documents with reasonable care (protection from damage or loss).

4.1.2 Assign a unique tracking number to each document collected as AK information using the Acceptable Knowledge Information List (see Attachment 4 for an example), for each waste stream. Describe the specific convention used to assign the unique identifiers to the source documents in the AK Summary Report. Examples of source document categories are as follows:

(EXAMPLE)

C – Correspondence
D – Documents
M – Miscellaneous
P – Procedures and Published Documents
DR – Discrepancy Resolution
U – Unpublished Documents

4.2 Compiling AK Documentation

AKE

4.2.1 Locate and obtain source documents with assistance of the Host site for documents with reference sections, as applicable.

4.2.2 Compile (i.e., gather) source documents that identify TRU waste management program information in the Acceptable Knowledge Documentation Checklist , AK #s PR1-PR8 (see Attachment 1, Acceptable Knowledge Documentation Checklist - Example Form, for facilities that generated the waste stream.

NOTE

Information collected must be sufficient to accurately characterize the waste stream.

NOTE

Source documents may include published or unpublished documents, correspondence, databases, quality assurance (QA) protocols, operating procedures, work instructions, waste storage/disposal records, waste certification summaries, process flow diagrams, analytical and testing data packages from previous waste characterization activities, and other sources of information descriptive of elements on the Checklist.

4.2.3 Apply a unique waste stream number based on the information in DOE/TRU-12-3425, *Annual Transuranic Waste Inventory Report* (ATWIR), and/or information from the Host site for each waste stream (Refer to CCP-TP-002, *CCP Reconciliation of DQOs and Reporting Characterization Data*, for appropriate numbering format).

4.2.4 Compile and record source documents that identify TRU waste stream-specific information specified in the Acceptable Knowledge Documentation Checklist, AK #s WS1-WS12 for each waste stream.

4.2.5 Compile and record source documents that identify additional AK documentation specified in the Acceptable Knowledge Documentation Checklist, AK #s S1-S16.

[A] Obtain additional AK information as appropriate to augment required information and provide any other information obtained to further characterize the waste stream.

[B] All additional specific, relevant AK documentation assembled and used in the AK process, whether it supports or contradicts any required AK documentation, shall be identified and an explanation provided for its use (e.g., identification of a toxicity characteristic).

[C] Additional documentation may be used to further document the rationale for the hazardous characterization results. If discrepancies exist between additional information and the required information, assess and evaluate the information to determine the appropriate hazardous waste numbers consistent with RCRA requirements. Document the resolution of RCRA hazardous waste number assignment discrepancies on an Acceptable Knowledge Source Document Discrepancy Resolution (see Attachment 11, Acceptable Knowledge Source Document Discrepancy Resolution - Example Form), or in the AK Summary Report.

4.2.6 For LANL sealed sources, compile source documents that identify OSR-specific documentation specified in the Acceptable Knowledge Documentation Checklist, AK #s O1-O16.

[A] If source markings are needed to support radiological characterization, the SPM must verify that they have been documented in accordance with CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging.*

NOTE

For RH waste streams, the documentation collected and compiled in Sections 4.1 and 4.2 may not be sufficient to meet the DQOs established for the selected parameters in accordance with the WCPIP. If there is insufficient AK information to address each of the DQOs, then either additional AK will be collected and/or the characterization methods described in the WCPIP will be initiated. A combination of AK and other characterization methods may be used to meet the WCPIP DQO requirements.

4.2.7 For RH waste, review the documentation compiled and determine which of the WCPIP DQOs that can be met using the AK information collected.

4.2.8 Collect additional AK documentation and/or identify the characterization method(s) recommended to meet the DQO in accordance with the WCPIP (see step 4.4.33[O]).

4.3 Recording AK Documentation

AKE

NOTE

There are two categories of source documents used to document AK for a waste stream. Documentation generated by CCP and documents and/or other media supplied by the generator site. Generator site provided documents and/or other media are external records created by the waste generator sites and are identified in this procedure as "historical source documents."

4.3.1 Copy the document or the pertinent information from the document that defines source document contents, including cover sheets, executive summaries, introductions, and table of contents, if available **AND** maintain this information in the working files.

NOTE

Classified material CAN **NOT** be copied. If source documents are classified, an unclassified summary will need to be provided by the Host site or the document will be developed and summarized on an Acceptable Knowledge Source Document Summary (see Attachment 3, Acceptable Knowledge Source Document Summary - Example Form), by the AKE **AND** reviewed by the Site's Authorized Derivative Classifier for release.

4.3.2 Record meetings, telecommunications, interviews, and other communication on a Record of Communication (see Attachment 2, Record of Communication - Example Form), including a detailed summary of the content of the communication and data limitations.

NOTE

To avoid redundancy, a Record of Communication form may **NOT** be required if the information is already provided on an interview-related source document.

4.3.3 As necessary, prepare a memorandum or letter to CCP Records and Record of Communication, as appropriate, documenting the method used by the AKE to review AK sources for the purpose of evaluating required AK parameters such as radionuclides, Waste Matrix Codes, assignment of EPA Hazardous Waste Numbers, estimating waste material parameter weights, etc. The memorandum must identify the sources of AK used during the evaluation and clearly document the AKE assumptions and conclusions.

NOTE

Collection and review of AK source documents is an ongoing activity. It is conducted initially during the development of the AK Summary Report and continues as additional information becomes available during subsequent waste stream characterization and management activities. Completion of the Acceptable Knowledge Source Document Summary (see Attachment 3 for an example), for the source documents is an iterative process performed during these activities.

If the source document is a collection of information (i.e., container data sheets, material safety data sheets [MSDS] sheets, etc.) provide a description in the Title field of the Attachment 3 and ensure that it matches the Title field in the AK Source Document section of the AK Summary Report.

Information documents collected but not referenced in the AK Summary Report are not required to be summarized on an Attachment 3.

4.3.4 Initiate an Acceptable Knowledge Source Document Summary for each source document that includes detail sufficient to justify the use of the information. The Acceptable Knowledge Source Document Summary must be completed by the time the associated AK Summary Report is finalized for all AK source documents referenced within the report. Identify the specific waste stream or streams that correspond to the source document in the Waste Stream Number field on Attachment 3. If a comprehensive library is used for all streams at the site, note this in this field.

[A] Source documents referenced in the AK Summary Report and their applicable attachments must be submitted to CCP Records on or before the date of issuance of the AK Summary Report as final.

4.3.5 **IF** the summary consists of multiple pages,
THEN provide the unique source document tracking number on each page **AND** paginate the number of pages (e.g., 2 of 6 pages).

4.3.6 Print name, sign, and date the Acceptable Knowledge Source Document Summary before submitting to CCP Records.

4.3.7 For source documents that CAN **NOT** be reproduced or removed from the source (e.g., classified documents or databases), indicate on the Acceptable Knowledge Source Document Summary that a copy of the source document is **NOT** available, and state the reason.

4.3.8 Include a note on the limitations of the information (e.g., if a document covers a specific period of time) on the Acceptable Knowledge Source Document Summary.

NOTE

Attachment 4 is a listing of relevant documents collected during the investigative process. Documents collected must be categorized in accordance with Step 4.1.2.

4.3.9 Create and maintain an Acceptable Knowledge Information List that includes the following:

- Site, waste stream number, and waste stream description
- Source document tracking number
- Source document title or description
- Name of author
- Original document number, or publisher's document number (if available)
- Revision number and document date (if applicable)

4.3.10 Print name, sign, and date the Acceptable Knowledge Information List before submitting to CCP Records.

4.4 Review and Submittal of AK Documentation

AKE

4.4.1 Evaluate the waste stream to verify that the waste materials do not meet the definition of spent nuclear fuel or high-level waste as defined in the in Section 10101(3) of the *Nuclear Waste Policy Act of 1982.*

4.4.2 Evaluate the waste stream to verify that the waste materials meet the definition of defense waste defined in CCP-PO-002.

NOTE

According to CCP-PO-002, a TRU waste is eligible for disposal at WIPP if it has been generated in whole or in part by one or more of the following functions:

- Naval reactors development
- Weapons activities including defense inertial confinement fusion
- Verification and control technology
- Defense nuclear materials production
- Defense nuclear waste and materials by-products management
- Defense nuclear materials security and safeguards and security investigations
- Defense research and development

4.4.3 **IF** there is no information linking the waste stream to defense related activities or commingled with defense materials, **OR** if the waste contains spent nuclear fuel or high-level waste,
THEN notify the SPM.

4.4.4 Document the defense determination, high-level waste and spent nuclear fuel assessments in the AK Summary Report.

4.4.5 Verify that 100 percent of the information specified in Acceptable Knowledge Documentation Checklist from AK #s PR1 through PR8 and WS1 through WS12 has been compiled.

4.4.6 **IF** 100 percent of this information is **NOT** available for a particular waste stream,
THEN notify the SPM that waste is **NOT** eligible for disposal at WIPP without the collection of additional information to augment the existing AK.

4.4.7 For LANL sealed sources waste containers, verify that the information on Acceptable Knowledge Documentation Checklist, AK #s O1-O16 has been compiled.

4.4.8 Review all AK information compiled in Section 4.2 of this procedure.

4.4.9 Document and resolve discrepancies regarding AK information among AK source documents as described in Section 4.9 of this procedure.

4.4.10 Print name, sign, and date the Acceptable Knowledge Documentation Checklist once the collection and review of the required AK information has been completed.

NOTE

A waste stream is defined as waste materials that have common physical form, that contain similar hazardous constituents (similar radiological properties for WCPIP compliance), and that are generated from a single process or activity. This definition will be used to obtain information for the waste stream specific description to be written in step 4.4.34.

4.4.11 Using the definition of a waste stream from above, the waste stream-specific documentation from the Acceptable Knowledge Documentation Checklist, and, if applicable, the description from the ATWIR, define the waste stream represented by the compiled AK information, **AND** provide this description in the AK Summary Report (see Attachment 12, Example Form and Content Guide for AK Summary Reports, for a format and content guide to be used when preparing the AK Summary Report). Provide a discussion to justify combining previously identified (i.e., ATWIR or site designations), TRU mixed waste and TRU non-mixed waste streams.

NOTE

A Waste Matrix Code will be assigned based on the physical form of the waste. DOE/LLW-217, *DOE Waste Treatability Group Guidance*, describes the convention for assignment of Waste Matrix Codes for low-level waste treatability groups, and can be used as the basis for the assignment of Waste Matrix Codes that bound the waste stream.

4.4.12 Assign and describe the Waste Matrix Code assigned to each waste stream identified.

NOTE

The Waste Matrix Code Groups identified in CCP-PO-001 are:

- Solidified inorganics
- Solidified organics
- Salt waste
- Soils
- Lead/cadmium metal
- Inorganic nonmetal waste
- Combustive waste
- Graphite
- Filters
- Heterogeneous debris waste
- Uncategorized metals

4.4.13 Assign the waste stream to the appropriate Waste Matrix Code Group.

4.4.14 Assign the waste stream to the appropriate Summary Category Group as defined below:

- S3000 Homogeneous Solids – Homogeneous solids are defined as solid material, excluding soil, that does not meet the New Mexico Environment Department (NMED) criteria for classification as debris (20.4.1.800 New Mexico Administrative Code [NMAC] [incorporating 40 CFR §268.2(g) and (h)]). Included in the series of homogeneous solids are inorganic process residues, inorganic sludges, salt waste, and pyrochemical salt waste. Other waste streams are included in this Summary Category Group based on the specific waste stream types and final waste form. This Summary Category Group is expected to contain toxic metal and spent solvents. This category includes wastes that are at least 50 percent by volume homogeneous solids.

- S4000 Soil/Gravel – This Summary Category Group includes S4000 waste streams that are at least 50 percent by volume soil/gravel. This Summary Category Group is expected to contain toxic metals.

- S5000 Debris Wastes – This Summary Category Group includes heterogeneous waste that is at least 50 percent by volume material that meets the criteria specified in 20.4.1.800 NMAC (incorporating 40 CFR §268.2[g]). Debris means solid material exceeding a 2.36 inch (60 millimeter) particle size that is intended for disposal and that is a manufactured object, plant or animal matter, or natural geologic material. Particles smaller than 2.36 inches in size may be considered debris if the debris

is a manufactured object and if it is **NOT** a particle of S3000 or S4000 material.

4.4.15 **IF** waste DOES **NOT** include at least 50 percent of any given Summary Category Group by volume,
THEN assign the Summary Category Group constituting the greatest volume of waste for that waste stream.

4.4.16 Review the AK information to determine if the waste is listed under 20 NMAC 4.1.200 (incorporating 40 CFR 261.30), Subpart D. If so, assign the appropriate HWNs.

4.4.17 Review the AK information to determine if a toxicity characteristic 20 NMAC 4.1.200 (incorporating 40 CFR 261.20), Subpart C contaminant is identified and has **NOT** been assigned a listed HWN from step 4.4.16. Evaluate the available data and assign the toxicity characteristic HWN consistent with RCRA requirements.

4.4.18 Compare the HWNs assigned from steps 4.4.16 and 4.4.17 to the HWNs listed in CCP-PO-001, Table C-9.

4.4.19 **IF** any HWNs are **NOT** included in CCP-PO-001, Table C-9,
THEN notify the SPM.

4.4.20 Include the justification and basis for steps 4.4.16 and 4.4.17 in the TRU waste stream-specific description of AK Summary Report,
AND complete the Attachment 5.

4.4.21 Print name, sign, and date Hazardous Constituents form.

4.4.22 Assess available AK radionuclide data.

NOTE

For LANL sealed sources, the SPM must confirm sufficient radionuclide data is available in accordance with CCP-TP-101, *CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization.*

4.4.23 For contact-handled (CH) waste streams and RH waste streams characterized using NDA techniques, review all source documents to determine the two most prevalent radionuclides for the waste stream, and estimated isotopic ratios for the following 10 WIPP-required radionuclides: Sr-90; Cs-137; U-233; U-234; U-238; Pu-238; Pu-239; Pu-240; Pu-242; and Am-241.

4.4.24 Prepare an NDA Memorandum to CCP Records (CH waste only), evaluating the radionuclide characterization of the waste stream. The NDA Memorandum must include a section for an assessment written with the NDA EA determining how the AK will be applied

during assay. For LANL sealed sources waste, the NDA Memorandum must be written with input from the OSR group. This assessment should include a discussion of the limitations of the radiological characterization in the AK document and a description of the required assay methods, if any. Any NDA issues for both measured and calculated radionuclides should be discussed and resolved.

4.4.25 **IF** AK is intended as the sole basis for meeting the radiological characterization requirements in CCP-PO-002,
THEN state so in the AK Summary Report.

4.4.26 Prepare a Waste Material Parameter Evaluation Memorandum to CCP Records that estimates the waste material parameter weights for the waste stream. The expected weight percent for each waste material parameter will be calculated using historical waste generator information for the materials in the waste stream or industry documentation for similar waste inventories. This evaluation should include the technical assumptions, justification, and limitations for the estimated weight percentages.

NOTE

The WIPP-WAP allows the generator to utilize visual examination (VE) and real-time radiography (RTR), if there is insufficient AK to estimate for the waste material parameter weight percentages.

4.4.27 Complete the following forms as appropriate:

[A] See Attachment 6, Waste Form, Waste Material Parameters, Prohibited Items, and Packaging - Example Form for an example. Include the Waste Material Parameter Evaluation Memorandum described in step 4.4.26 as an addendum to Waste Form, Waste Material Parameters, Prohibited Items, and Packaging.

[B] See Attachment 7, Radionuclides - Example Form (CH only), for an example. Include the NDA Memorandum (signed by the AKE and NDA EA) described in step 4.4.24 as an addendum to Radionuclides.

[C] See Attachment 8, Waste Containers List – Example Form, (or an equivalent form, e.g., spreadsheet). Prepare or update the Container Tracking Spreadsheet as described in Section 4.11 for the containers identified in Waste Containers List and corresponding Waste Stream Container Evaluation Memorandum prepared in steps 4.10.3 and 4.10.4.

4.4.28 Print name, sign, and date all forms generated in step 4.4.27.

4.4.29 Review the waste management program AK documentation specified on the Acceptable Knowledge Documentation Checklist, **AND** write a TRU Waste Management Program Description that addresses AK #s PR1-PR8 in Acceptable Knowledge Documentation Checklist. Include the following:

- Correlation to the waste stream identification and description found in the ATWIR or indication that the waste stream was not included in the ATWIR.
- Determination of whether the TRU waste materials were generated as a result of, or mixed with materials from, defense-related activities as specified in CCP-PO-002.

4.4.30 **IF** prohibited items or incompatible materials are listed on the Waste Form, Waste Material Parameters, Prohibited Items, and Packaging,
THEN perform the following:

[A] Notify the SPM.

SPM

[B] Notify the Host site as directed in the Interface Document between CCP and that site.

AKE

4.4.31 Correlate TRU waste management program information (AK #s PR1 - PR8) and TRU waste stream-specific information (AK #s WS1 - WS12) with regard to the time of generation, waste generation processes, rate and quantity of newly generated waste (when appropriate), and areas and building or facility where the waste stream was generated (Acceptable Knowledge Documentation Checklist).

4.4.32 Identify AK source document tracking numbers, as applicable, in the TRU waste management program description and TRU waste stream-specific description.

4.4.33 Review the waste stream-specific AK documentation specified on the Acceptable Knowledge Documentation Checklist and information developed in steps 4.4.11 through 4.4.32), **AND** describe the waste stream in the AK Summary Report, including the following:

[A] Waste stream description and waste stream number. The waste stream number is limited to 20 alpha-numeric characters.

[B] Explain the selection of the Waste Matrix Code in the TRU waste stream-specific description of the AK Summary Report.

[C] Ensure the description of the waste stream is sufficient to allow the radiography and VE Operators to determine whether the waste in individual containers is included in the waste stream and the physical form of the waste matches the waste stream description.

[D] Include the justification and basis for determination of waste material parameters weights expected in the waste stream.

[E] Include the justification and basis for the method by which the radionuclide AK has been compiled.

[F] For waste streams characterized using NDA, state the method for determination of the (2) most prevalent radionuclides (see CCP-PO-002).

[G] Include the following assessment information:

- Waste identification and categorization schemes relevant to the isotopic composition of the waste
- Description of the isotopic composition of waste streams
- Physical/chemical composition that could affect isotopic distributions
- Numerical adjustments (e.g., scaling factors, decay/ingrowth corrections and secular equilibrium consideration) applied to derive isotopic compositions
- Specification of the isotopic ratios for the 10 WIPP - tracked radionuclides

- Radionuclides other than the ten WIPP-tracked radionuclides that contribute to 95 percent of the radioactive hazard for a payload container

[H] Provide justification for the assumption that the waste stream is TRU waste (i.e., it contains more than 100 nanocuries [nCi] of alpha-emitting radionuclides with half-lives greater than 20 years per gram of waste), as specified in CCP-PO-002.

[I] For waste streams with containers selected for payload management, include an assessment estimating the percentage of the TRU waste stream volume above and below 100 nanocuries per gram (nCi/g) in accordance with CCP-PO-002. The AK Summary Report must demonstrate that the waste stream has been historically managed as TRU waste, as applicable for payload management.

[J] Provide justification for determining the estimated concentration (less than or equal to 1 percent or greater than 1 percent by weight) of beryllium (metal and oxides) for each payload container within the waste stream as required in CCP-PO-002.

[K] Provide justification for determining that prohibited items are not present in the waste stream or describe the potential prohibited items and how they will be identified and remediated. Identify process controls associated with the management of prohibited items, physical form, and hazardous waste content.

[L] Provide justification for determining if any waste in the waste stream contains polychlorinated biphenyls (PCBs) in concentrations equal to or greater than 50 parts per million (ppm). Identify the type of waste containing PCB contamination (e.g., remediation, bulk product), **AND** provide justification for determining that the waste stream will **NOT** contain residual PCB liquids as defined in CCP-PO-002.

[M] For waste streams assigned the EPA Hazardous Waste Number U134 for hydrofluoric acid, provide information demonstrating neutralization of this acid, if available, as required by CCP-PO-001.

[N] **IF** correlating or surrogate information from similar materials or waste streams generated at the same site or other sites is used to support the characterization of the waste stream, **THEN** complete the CCP TRU Waste Correlation and

Surrogate Summary Form (see Attachment 15, CCP TRU Waste Correlation and Surrogate Summary Form – Example Form) **AND** describe the use of the information in the AK Summary Report.

[O] For RH waste streams, identify the AK and/or characterization methods to be used to meet the DQOs. Identify how each DQO will be met and describe the qualification method(s) selected for AK used solely to meet a specific DQO in the AK Summary Report.

4.4.34 Summarize the waste stream-specific description in Section 2.0 of the AK Summary Report. Provide a physical, chemical, and radiological description of the waste stream in Section 5.0 of the AK Summary Report (see Attachment 12 for an example format and content guide to be used when preparing the AK Summary Report). This description may be abbreviated for use on attachments as needed.

NOTE

Use the Example Form and Content Guide for AK Summary Reports in Attachment 12 to prepare the AK Summary Report. This guide provides the recommended format for preparation of the reports. However, the format of the report and content of the sections may vary, as long as the required AK elements are presented.

4.4.35 Prepare the AK Summary Report by combining the TRU waste management program description and each of the completed TRU waste stream-specific descriptions, as well as the information from forms 1-8 and Acceptable Knowledge Source Document Discrepancy Resolution (see Attachment 11 for an example), if applicable.

4.4.36 Submit the AK Summary Report to Document Services to initiate the review and approval process in accordance to CCP-QP-010, *CCP Document Preparation, Approval, and Control.*

NOTE

Electronic media for historical source documents shall be managed in accordance with CCP-QP-008, *CCP Records Management*.

4.4.37 Submit records identified in Section 5.0 to CCP Records in accordance with CCP-QP-008.

NOTE

As the AK Summary Report is revised, resubmit report to CCP Document Services.

4.5 Waste Stream Characterization

NOTE

The following comparison may be performed for a waste stream or a waste stream lot.

SPM

4.5.1 Ensure that audit and other internal and external surveillance reports relating to CCP characterization programs are available.

4.5.2 **IF** any AK Sufficiency Determination Request has been approved by Carlsbad Field Office (CBFO) for any characterization parameter (see Section 4.7),
THEN note the approval for that parameter on the CCP Waste Stream Characterization Checklist (see Attachment 13, CCP Waste Stream Characterization Checklist - Example Form).

4.5.3 Compare the testing results from VE and Radiography, and NDA characterization activities to the waste stream AK by completing a CCP Waste Stream Characterization Checklist, to certify a waste stream (or lot) for disposal at WIPP.

[A] Radiography and VE Data

[A.1] Compare Radiography and VE results (obtained from CCP Records) in VE Data Forms, and Radiography Data Sheets to AK information in Waste Form, Waste Material Parameters, Prohibited Items, and Packaging of this procedure to verify the physical form of the waste stream and absence of prohibited items.

[A.2] **IF** AK information CAN **NOT** be resolved upon completion of these comparisons,
THEN note any inconsistencies on CCP Waste Stream Characterization Checklist, **AND** proceed with Section 4.8 of this procedure.

[B] NDA Data – CH Waste

[B.1] Compare radionuclides reported on Attachment 7 by Weight percent, Activity, or other parameters justified in the AK Summary Report with NDA Radioassay results.

[B.2] Compare the two most prevalent radionuclides in AK with those identified in the NDA results for the waste stream and waste stream lot.

[B.3] Compare the radionuclides identified by the AK as expected to be present with those reported in the NDA results.

[B.4] Report the differences between NDA results and those expected from AK in the Comments section of the CCP Waste Stream Characterization Checklist.

[B.5] Provide rationale in the Comment section of CCP Waste Stream Characterization Checklist, if any of these conditions were anticipated based on AK.

[B.6] Attach applicable data and description to CCP Waste Stream Characterization Checklist.

[B.7] **IF** AK information CAN **NOT** be resolved upon completion of these comparisons,
THEN note any inconsistencies on CCP Waste Stream Characterization Checklist, **AND** proceed with Section 4.8 of this procedure.

[C] Radiological Characterization – RH Waste

[C.1] Identify the characterization method (e.g., Dose-to-Curie) on the CCP Waste Characterization Checklist.

[C.2] Identify the drums in which the radiological characterization differ from that expected; provide rationale in the Comments section of the CCP Waste Stream Characterization Checklist, if this condition was anticipate, otherwise notify the AKE to perform a re-evaluation as described in Section 4.8 of this procedure.

[C.3] Attach data and applicable description to CCP Waste Stream Characterization Checklist.

4.5.4 **IF** AK information can be resolved upon completion of the comparisons with the testing results,
THEN print name, sign, and date CCP Waste Stream Characterization Checklist, **AND** forward it to the AKE for signature **AND** submit to CCP Records.

4.6 Determining AK Documentation Accuracy

NOTE
The quality assurance objectives (QAOs) and their applicability to AK are discussed in CCP-PO-001. Calculation of the accuracy of AK documentation is required and is performed as follows.

SPM

4.6.1 Obtain a copy of the completed CCP Waste Stream Characterization Checklist, **AND** any Acceptable Knowledge Re-evaluation Checklists (see Attachment 10, CCP Waste Stream Characterization Checklist), applicable to the waste stream or waste stream lot, and any necessary supporting documentation from CCP Records.

NOTE
The Acceptable Knowledge Accuracy Report is used to determine the percentage of containers reassigned to a new Waste Matrix Code, designated with a hazardous waste number assignment different from AK, or inconsistent with anticipated radionuclide composition determined from AK.

NOTE
For AK Accuracy Reports that are prepared for waste stream lots within a waste stream, updates to AK accuracy shall be issued periodically. Although there is no specified timeframe for AK accuracy updates, they should typically be issued annually.

4.6.2 Complete the CCP Acceptable Knowledge Accuracy Report (see Attachment 14, CCP Acceptable Knowledge Accuracy Report - Example Form), after characterization has been completed for a subset of containers in the subject waste stream or waste stream lot.

4.6.3 Prepare an AK Accuracy Memorandum summarizing the following AK accuracy information:

[A] Purpose

[B] Methodology

[C] Results of accuracy determination

[D] Other considerations, if applicable

[E] Summary

4.6.4 For RH waste, **IF** the AK accuracy falls below 90 percent for assigning containers to a Summary Category Group, **THEN** CBFO shall be notified of this significant condition adverse to quality, **AND** appropriate corrective actions implemented before proceeding with further characterization activities on the affected waste stream, in accordance with CCP-QP-029, *CCP Corrective Action Management*.

NOTE

For RH waste, significant discrepancies between the radionuclide information in the AK record and measured values will be assessed during preparation of the Acceptable Knowledge Accuracy Report. What constitutes a significant discrepancy will depend on site- and waste stream-specific considerations for each waste stream.

4.6.5 For RH waste, describe any significant discrepancies between the radionuclide information in the AK record and measured values in the Acceptable Knowledge Accuracy Report.

4.6.6 Review, print name, sign, and date **AND** submit CCP Acceptable Knowledge Accuracy Report to CCP Records. At the option of the SPM, CCP Acceptable Knowledge Accuracy Report may list only the containers with accuracy issues, as long as the complete list of containers represented by the accuracy report is included by attachment to, or referenced in, the cover memorandum or letter.

4.7 AK Sufficiency Determination

SPM/AKE

NOTE

An AK Sufficiency Determination Request to meet all or part of the waste characterization requirements may be used if AK information available for a waste stream permits.

4.7.1 Evaluate the AK information available for a waste stream to determine if an AK Sufficiency Determination is possible or desirable.

4.7.2 Prepare an AK Sufficiency Determination Request that includes the following information:

[A] An introduction that briefly describes the waste stream, the type of AK Information available, whether AK alone can be used to meet the characterization requirements.

[B] Identification of any mandatory requirements supported only by upper tier documents (i.e., there is insufficient supporting data).

[C] Description demonstrating that the AK process described in CCP-PO-001 was followed (for example, AK personnel were appropriately trained; discrepancies were documented, etc.).

[D] Information demonstrating that CCP has assessed the AK process (e.g., internal audits).

4.7.3 Obtain copies of the following information from CCP Records and attach to the AK Sufficiency Determination Request:

[A] AK Summary Report for the waste stream;

[B] Acceptable Knowledge Documentation Checklist providing an AK roadmap and cross reference between mandatory programmatic and waste stream information with references supporting these requirements.

[C] Acceptable Knowledge Information List, providing a complete reference list including all mandatory and additional AK documentation.

[D] Current revision of this procedure to demonstrate that CCP has developed a written procedure for compiling AK information and assigning hazardous waste numbers.

[E] Relevant additional information for the required programmatic and waste stream data addressed in the AK Summary Report, as applicable or if requested by CBFO.

4.7.4 Submit the AK Sufficiency Determination Request and attachments to the SPM for approval and submittal to CBFO.

4.7.5 **IF** comments are received from CBFO,
THEN address the comments and resubmit the AK Sufficiency Determination Request.

4.8 Re-evaluating AK Documentation

NOTE

Differences in Waste Matrix Codes, state and EPA Hazardous Waste Numbers, and NDA results may exist between those previously assigned in the AK documentation and those indicated as a result of waste characterization activities performed to certify waste for disposal at the WIPP or during the confirmation performed by the Permittee. Under these circumstances, the AK information is re-evaluated and the required AK information associated with the new designation is documented. Characterization data associated with the waste is re-evaluated and changes in AK resulting from the re-evaluation are documented.

SPM

4.8.1 **IF** re-evaluation is warranted as a result of 1) inconsistencies noted during the process of comparing AK information to characterization results **OR** 2) the initiation of an nonconformance report (NCRs) that identifies potential changes to the AK of a waste stream (including NCRs generated as a result of discrepancies identified during confirmation performed by the Permittee),
THEN notify the AKE.

AKE

4.8.2 Retrieve copies of applicable characterization data and AK information from CCP Records.

4.8.3 **IF** a waste must be assigned to a different Waste Matrix Code (i.e., different waste stream or waste stream lot) based on Radiography or VE,
THEN perform the following:

[A] Review existing information based on the waste container identification number and document all differences in EPA HWN assignments. Consider all generator specific waste streams and hazardous waste number assignments; original site-specific permit requirements; and other state-enforced agreements in this analysis.

[B] **IF** differences exist in the EPA Hazardous Waste Numbers that were assigned,
THEN reassess **AND** document required applicable AK information associated with the new designation.

[C] Reassess **AND** document applicable testing data associated with the waste.

[D] Verify **AND** document that waste with a reassigned Waste Matrix Code was generated within the specified time period, area buildings and waste generating process; and that the process material inputs are consistent with the waste material parameters identified during Radiography or VE.

[E] Record all changes to the AK records on the appropriate forms and resubmit to CCP Records.

[F] **IF** unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides,
THEN document the segregation of this container, **AND** define the actions necessary to fully characterize the waste.

4.8.4 **IF** testing results indicate that additional or different EPA Hazardous Waste Numbers may apply to the waste,
THEN review the existing AK and characterization information,
AND perform the following:

[A] **IF** a hazardous waste, not originally identified by AK, has been identified during testing (lead items, circuit boards, etc.),
THEN assign the applicable state and EPA Hazardous Waste Numbers unless an alternative assignment can be justified or representative quantitative data are available to preclude the assignment.

4.8.5 **IF** NDA results indicate the presence of additional radionuclides or different prevalent radionuclides in the waste,
THEN review existing AK and characterization information.

4.8.6 **IF** changes are required,
THEN document the need for changes in the appropriate comment section of the Acceptable Knowledge Re-evaluation Checklist.

4.8.7 Resolve all AK documentation discrepancies, if applicable, as described in Section 4.9 of this procedure.

4.8.8 Modify the AK Summary Report as appropriate.

4.8.9 Forward the completed Acceptable Knowledge Re-evaluation Checklist **AND** the revised AK Summary Report to the SPM for review and approval.

4.8.10 Submit changes to the Document Writers for distribution and approval.

SPM

4.8.11 Review the Acceptable Knowledge Re-evaluation Checklist and the revised AK Summary Report.

4.8.12 **IF** the AK Summary Report requires correction,
THEN return to AKE.

4.8.13 **IF** no correction is required,
THEN approve the Acceptable Knowledge Re-evaluation Checklist by printing name, signing, and dating the checklist.

4.8.14 Approve the revised AK Summary Report.

4.8.15 Review the WSPF to see if the change to the AK Summary Report affects the WSPF.

4.8.16 **IF** the WSPF requires change,
THEN revise the WSPF in accordance with CCP-TP-002.

4.8.17 Submit the Acceptable Knowledge Re-evaluation Checklist and revised AK Summary Report to CCP Records.

[A] Any new source documents referenced in the revised AK Summary Report and the applicable attachments must be submitted to CCP Records on or before the date of issuance of the revised AK Summary Report as final.

4.8.18 Once the re-evaluation is approved, complete the CCP Waste Stream Characterization Checklist, as described in step 4.5.3.

4.9 Resolving AK Discrepancies

NOTE
AK discrepancies may be identified during AK source document compilation, review, characterization, confirmation, and re-evaluation activities.

AKE

4.9.1 Document the nature of the discrepancy **AND** identify the documents involved for the particular waste stream or waste container on the Acceptable Knowledge Source Document Discrepancy Resolution or in the appropriate section of the AK Summary Report.

4.9.2 Use information from interviews, telephone contacts, or other correspondence or other supporting information to resolve the discrepancy.

4.9.3 Record interviews, telephone conversations, and correspondence needed to resolve discrepancy issues on a Record of Communication.

4.9.4 Print name, sign, and date a Record of Communication.

4.9.5 Complete an Acceptable Knowledge Source Document Summary for each Record of Communication form.

4.9.6 Print name, sign, and date Acceptable Knowledge Source Document Summary, attach to the Record of Communication form, **AND** submit to CCP Records.

4.9.7 Verify that process inputs (hazardous constituents and waste material parameters) are consistent with waste material parameters identified during Radiography and VE.

4.9.8 Assign **OR** revise the AK identified waste material parameters, as necessary, and document the change and the assumptions made on the Acceptable Knowledge Source Document Discrepancy Resolution.

4.9.9 Assign **OR** reassign Waste Matrix Codes, as necessary, using guidance specified in the DOE/LLW-217, **AND** document the assignment and assumptions made on the Acceptable Knowledge Source Document Discrepancy Resolution.

4.9.10 Evaluate the sources of discrepancies among sources of isotopic distribution data to determine whether the sources are credible. Identify limitations of data **AND**, if the data is **NOT** used, provide a justification on the Acceptable Knowledge Source Document Discrepancy Resolution. Otherwise, describe data limitations in the AK Summary Report, as applicable.

4.9.11 Assign or revise the identified radionuclides present, as necessary, **AND** document the change and the assumptions made on the Acceptable Knowledge Source Document Discrepancy Resolution.

4.9.12 Assign or revise state and EPA Hazardous Waste Number, as necessary. Assign the Hazardous Waste Numbers consistent with RCRA requirements. Document the assignment and the assumptions and justifications made on the Acceptable Knowledge Source Document Discrepancy Resolution.

4.9.13 Obtain the affected AK source documentation, as necessary.

4.9.14 Make necessary changes to Acceptable Knowledge Source Document Summary, as appropriate.

4.9.15 Complete, print name, sign, and date the Acceptable Knowledge Source Document Discrepancy Resolution documenting final disposition of the discrepancy.

4.9.16 Complete, print name, sign, and date an Acceptable Knowledge Source Document Summary for each Acceptable Knowledge Source Document Discrepancy Resolution.

4.9.17 Attach the Acceptable Knowledge Source Document Summary to the Acceptable Knowledge Source Document Discrepancy Resolution.

4.9.18 **IF** the form consists of multiple pages,
THEN add a footer identifying the page number and total number of pages.

4.9.19 Forward the form and supporting documentation (if requested) to the SPM for review and concurrence.

SPM

4.9.20 Review the Acceptable Knowledge Source Document Discrepancy Resolution and supporting documentation, as applicable, print name, sign, and date the form if the discrepancy has been resolved, **AND** forward the completed form to the AKE.

AKE

4.9.21 Confirm that the Acceptable Knowledge Source Document Discrepancy Resolution is signed and dated by the SPM.

4.9.22 Submit the original Acceptable Knowledge Source Document Discrepancy Resolution and supporting documentation, as applicable, to CCP Records.

4.9.23 Revise the AK Summary Report as needed.

NOTE

Discrepancies which CAN **NOT** be resolved by CCP will result in the container being returned to the Host site. If the discrepancy is **NOT** container-specific, containers from the subject waste stream will **NOT** be shipped to WIPP until such time as the discrepancy has been resolved. If the discrepancy is related to radiological characterization, notify the SPM that direct measurements of the impacted waste population may be required.

SPM

4.9.24 **IF** the discrepancy CAN **NOT** be resolved,
THEN issue an NCR (if not already identified in an NCR) and manage corrective actions in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*, CCP-QP-029, *CCP Corrective Action Management*, and the CCP/site interface document.

4.9.25 Record the NCR number on the Acceptable Knowledge Source Document Discrepancy Resolution.

4.9.26 Coordinate with the Host site to place a hold tag on, **AND** segregate waste containers associated with the NCR, if applicable, in accordance with applicable procedures.

4.9.27 Assess the potential timeframe of the noncompliance, the potentially affected waste populations, and the reassessment and recertification of the waste, if applicable.

4.9.28 Coordinate resolution of the nonconforming condition with the AKE.

4.9.29 Document information identified during the corrective action process as described in CCP-QP-005.

4.9.30 Once the discrepancy is resolved, applicable NCR(s) closed, and corrective action is completed, sign and date the Acceptable Knowledge Source Document Discrepancy Resolution **AND** forward the form to the AKE.

AKE

4.9.31 **WHEN** discrepancies are resolved, applicable NCRs are closed, **AND** corrective actions completed,
THEN review the discrepancy form, document any supporting AK information generated, assign the appropriate waste material parameters, Waste Matrix Code, radionuclides or hazardous waste numbers as applicable, **OR** justify the use of alternates and confirm that it has been signed.

4.9.32 Submit the original Acceptable Knowledge Source Document Discrepancy Resolution to CCP Records.

4.10 Updating AK for Additional Waste Stream Containers

NOTE

The following process is followed when the SPM identifies additional containers to be included in a waste stream defined in an existing AK Summary Report. The Waste Containers List identifies the AK source document number(s) designated for the Waste Stream Container Evaluation Memorandum, adding containers, if applicable.

SPM

4.10.1 Provide the AKE with a list of containers to be assessed for inclusion in an existing waste stream.

AKE

4.10.2 Collect container-specific documentation and evaluate the following information for each container:

- Waste generation location and process
- Time period of generation
- Physical form compared to the assigned Waste Material Parameters and Waste Matrix Code
- Chemical content
- Prohibited items
- Radionuclides

4.10.3 **IF** the containers are bounded by the existing AK Summary Report for the waste stream,
THEN notify the SPM **AND** submit a Waste Stream Container Evaluation Memorandum documenting the evaluation to CCP Records.

4.10.4 **IF** the containers are **NOT** bounded by the existing AK Summary Report, but should be included in the waste stream,
THEN revise the AK Summary Report; update the Waste Containers List; notify the SPM, **AND** revise and submit the updated Waste Containers List and Waste Stream Container Evaluation Memorandum documenting the evaluation to CCP Records.

4.11 Container Tracking Spreadsheet Development

AKE or Designee

4.11.1 Develop a spreadsheet which identifies the following minimum criterion for each container listed on Waste Containers List:

- Container I.D.
- Waste Stream I.D.
- Generation Date
- Vent Date
- Associated Defense Determination (required for OSRP containers only)
- Change Reason
- New Closure Date
- New Vent Date
- Container Type

4.11.2 Post the copy of the Container Tracking Spreadsheet to the secure file transfer protocol (sftp) site.

4.12 Container Tracking Spreadsheet Maintenance

AKE or Designee

4.12.1 **WHEN** notified of a change to the status of a container(s) identified by the SPM, CCP personnel, Host site personnel, or during the addition of containers to the waste stream inventory,
THEN evaluate the change based on the data provided.

[A] **IF** the change is routine and DOES **NOT** adversely affect data,
THEN GO TO step 4.12.2.

[B] **IF** the change is non-routine or adversely affects data,
THEN notify the SPM to take the appropriate actions prior to proceeding to step 4.12.2.

4.12.2 Update the Container Tracking Spreadsheet and post the change to the sftp site.

4.12.3 Notify the SPM of the change.

5.0 RECORDS

5.1 Records generated during the performance of this procedure in Section 5.1.1 are maintained as QA records. The following records will be maintained in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime Records

[A] Acceptable Knowledge Documentation Checklist

[B] Records of Communication

[C] Acceptable Knowledge Source Document Summary forms, and when applicable attached CCP generated source documents

[D] Acceptable Knowledge Information List

[E] Hazardous Constituents forms

[F] Waste Form, Waste Material Parameters, Prohibited Items, and Packaging forms

- Waste Material Parameter Evaluation Memorandum

[G] Radionuclides forms

- NDA Memorandum

[H] Waste Containers List

[I] Acceptable Knowledge Re-evaluation Checklist

[J] Acceptable Knowledge Source Document Discrepancy Resolution, which include Acceptable Knowledge Source Document Summary forms as attachments

[K] CCP Waste Stream Characterization Checklist

[L] CCP Acceptable Knowledge Accuracy Report, including cover memorandum or letter

- AK Accuracy Memorandum

[M] CCP TRU Waste Correlation and Surrogate Summary Form

[N] AK Summary Reports

[O] AK Sufficiency Determination Request

[P] SPM Notifications (emails, letters, memorandums, etc.), as applicable

[Q] AK Container Tracking Spreadsheet (submitted to CCP Records after notification by the site SPM that waste shipments to WIPP have been completed)

5.1.2 Non-QA

[A] Historical Source Documents

Attachment 1 – Acceptable Knowledge Documentation Checklist - Example Form

Site(s): _____

Waste Stream Description:_____

Waste Stream Number(s): _____

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
Mandatory generator site TRU waste program (PR) information:			
Map of the generator site that identifies TRU waste generation, treatment, and storage areas.	PR1		
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	PR2		
Overview of the generator site and generator site TRU waste management operations in the context of the facility's mission.	PR3		
Descriptions of historical and current TRU waste generating operations, including how waste is tracked and managed and/or how operations relative to isotopic composition were tracked.	PR4		
Waste identification and/or categorization schemes and terminology used at the generator site, including codes correlating to specific isotopic distributions.	PR5		
Types and quantities of TRU waste generated, including historical generation through future projections.	PR6		
Correlation of waste streams and description of time of generation, waste generating processes, and area and building/facility where each waste stream was generated.	PR7		
Certification procedures for waste to be sent to the WIPP facility (i.e., procedures to ensure that prohibited items are documented and managed in accordance with site-specific certification plans).	PR8		
Mandatory generator site TRU waste stream (WS)-specific information:			
Waste stream designation	WS1		
Area(s) and building(s) from which the waste stream was or is generated.	WS2		
Waste stream volume and time period of generation	WS3		
Waste generating process (describe for each building) including processes associated with U134 waste generation, if applicable.	WS4		

Attachment 1 – Acceptable Knowledge Documentation Checklist - Example Form (Continued)

Waste Stream Number(s): _____

Acceptable Knowledge Information	(1)AK#	Compiled? (Y/N)	Source Document Tracking Number
Process flow diagrams. For research/development, analytical laboratory waste, or other similar processes where process flow diagrams cannot be created, a description of the waste generating processes, rather than a formal process flow diagram, may be included, if justified.	WS5		
Summary of basis and rationale for delineating each waste stream including justification for combining waste historically managed separately as TRU mixed and TRU non-mixed waste streams into a single waste stream, that is traceable to referenced documents.	WS6		
Generator site mission descriptions related to TRU waste generation and management identifying defense and non-defense operations.	WS7		
Material inputs or other information that identified the chemical contents of the waste and the stream. Includes events or processes that may have modified the chemical properties of the waste stream after generation.	WS8		
Physical waste form (e.g., glovebox materials and chemicals handled during glovebox operations, if applicable), assigned Summary Category Group, Waste Matrix Code and materials inputs, including waste material parameters present in the waste stream. Includes events or processes that may have modified the physical properties of the waste stream after generation.	WS9		
Waste identifiers assigned by the generator site (e.g., item description code, packaging identification numbers).	WS10		
Specification of the isotopic ratios for the ten WIPP-tracked radionuclides and all radionuclides other than the ten WIPP-tracked radionuclides that contribute to 95 percent of the radioactive hazard for a payload container. Chemical and physical information that could affect the waste isotopic distribution, as well as calculations used to derive the isotopic distribution.	WS11		

Attachment 1 – Acceptable Knowledge Documentation Checklist - Example Form (Continued)

Waste Stream Number(s): _____

Acceptable Knowledge Information	[1]AK#	Compiled? (Y/N)	Source Document Tracking Number
State and EPA hazardous waste constituents in the waste stream and state and EPA Hazardous Waste Numbers assigned, including documentation regarding how the site has historically managed the waste, including the historical regulatory status of the waste (i.e., TRU mixed versus TRU non-mixed waste).	WS12		
Additional acceptable knowledge documentation (briefly describe):			
Process design documents (e.g., Title II Design)	S1		
Standard operating procedures that may include a list of raw materials or reagents, a description of the process or experiment generating the waste, and a description of the waste generated and how the wastes are managed at the point of generation	S2		
Preliminary and Final Safety Analysis Reports and technical safety requirements	S3		
Waste Packaging records	S4		
Test plans or research project reports that describe the reagents, radionuclides, and other raw materials used in experiments	S5		
Site databases (e.g., chemical inventory database for SARA Title III requirements, SNM or nuclear material databases)	S6		
Information from site personnel (e.g., documented interviews)	S7		
Standard industry documents (e.g., industry specification sheets, handbooks, reference materials, or other vendor information)	S8		
Analytical data relevant to the waste stream, including results from fingerprint analyses, spot checks, routine verification sampling or other processes that collected information pertinent to the waste stream. This may include new information (or previously collected data) which augments required information (e.g., visual examination not performed in compliance with CCP-PO-001, radiography screening for prohibited items).	S9		
Material Safety Data Sheets, product labels, or other product information	S10		
Laboratory notebooks that detail the research processes and raw materials used in an experiment	S11		
Comparable or surrogate sampling and analysis data	S12		
Other (describe)	S13		

Attachment 1 – Acceptable Knowledge Documentation Checklist - Example Form (Continued)

Waste Stream Number(s): _____

Acceptable Knowledge Information	(1)AK#	Compiled? (Y/N)	Source Document Tracking Number	
Safeguards and security, Materials Control and Accountability, and other nuclear material control system data Reports of nuclear safety or criticality accidents involving special nuclear materials (SNM)	S14			
NMMA logs or inventory records or waste disposal logs providing SNM or nuclear material information	S15			
Packaging	S16			
OSR-Specific Information (Applies only to sealed sources)				
Evidence that the waste meets the definition of a sealed source reference 10CFR30.4 and 10CFR835.2	O1			
Documentation that sources are Special Form, such as certificates DOT Special Form Class 7 per 49CFR173.403	O2			
Contamination survey results for each source reference requirements of 10CFR34.27	O3			
Source manufacturer's sales catalogues	O4			
Source purchase records	O5			
Manufacturer fabrication documents	O6			
Manufacturer drawings	O7			
Fuel capsule assembly reports	O8			
Manufacturer's operational procedures for meeting cleanliness requirements	O9			
Manufacturer's shipping documents or records	O10			
Manufacturer welding records	O11			
TRU batch material records	O12			
National database radiological information (e.g., NMMSS, NRC Device Registry)	O13			
NRC or agreement state regulatory licensing information	O14			
Documentation of physical markings on the outer source casing or labels attached to devices housing sources	O15			
Unique physical description attributed to specific source models	O16			

Attachment 1 – Acceptable Knowledge Documentation Checklist - Example Form (Continued)

Waste Stream Number(s): _____

Acceptable Knowledge Information	(1)AK#	Compiled? (Y/N)	Source Document Tracking Number
Acceptable knowledge information regarding waste generated off-site or from similar process:			
(1) AK#s are used as identifiers for program, waste stream-specific and supporting elements. The identifiers are to be used in the Acceptable Knowledge Source Document Summary and Acceptable Knowledge Information List to aid in the page location of program and waste stream-specific elements within a given document. N/A means that item is not applicable.			

Additional comments:

_____
_____
_____
_____
_____

All required AK information has been compiled and source document tracking numbers assigned.

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Attachment 2 – Record of Communication – Example Form

Corresponding Source Document Tracking No:		
Interviewer:	Date:	Time:
Interviewee:	Group/Organization: Job Title:	Phone: E-mail:
Subject:		
Summary:		
Data Limitations:		

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Attachment 3 – Acceptable Knowledge Source Document Summary – Example Form

Site(s):	Source Document Tracking Number:
Waste Stream Number: (Applicable only when site library is not in use)	
Acceptable Knowledge Documentation Type: ☐ TRU Waste Management Program Information ☐ Waste Stream-Specific Information ☐ Additional Information	Category: ☐ C - Correspondence ☐ D - Documents ☐ M - Miscellaneous ☐ P - Procedure ☐ DR - Discrepancy Resolution ☐ U - Unpublished Documents
Title or Description of Source Document [a]:	
Source Document Reference Information (author(s), document and revision number, date, publisher):	

AK #[b]	Source Doc. Page #[c]	AK Information Summary

Source Document Data Limitations (if any):

Acceptable Knowledge Expert:

_____/_____ Date: _____
Print Sign

[a] Provide description for non-titled information (i.e., container paperwork, MSDS sheets, etc)
[b] Obtain from Acceptable Knowledge Documentation Checklist
[c] For microfilm or microfiche, identify box, tape, reel number and location.

Controlled
Copy

Attachment 4 – Acceptable Knowledge Information List – Example Form

Site(s): _____

Waste Stream Number(s): _____

Waste Stream Description: _____

Source Document Tracking Number[a/c]	Title or Description [a]	Author	Document #[b]	Document Revision # and Date

[a] From Acceptable Knowledge Source Document Summaries (Attachments 3)
[b] Or publisher's document number if available
[c] In the case where an AK Summary Report has been revised based on information in Attachment 11 - Acceptable Knowledge Source Document Discrepancy Resolution form, identify the tracking number.

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Attachment 5 – Hazardous Constituents – Example Form

Site(s): _____

Waste Stream Description: _____

Compound	Suspected Present? (Y/N)	Used as a solvent? [a] (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Toxicity Characteristic Metal Compounds (40 CFR Part 261)								
Arsenic		N/A		D004	N/A	N/A		
Barium		N/A		D005	N/A	N/A		
Cadmium		N/A		D006	N/A	N/A		
Chromium		N/A		D007	N/A	N/A		
Lead		N/A		D008	N/A	N/A		
Mercury		N/A		D009	N/A	U151		
Selenium		N/A		D010	N/A	N/A		
Silver		N/A		D011	N/A	N/A		
Volatile Organic Compounds (40 CFR Part 261)								
1,1,1-Trichloroethane			N/A	N/A	F001/F002	U226		
1,1,2,2-Tetrachloroethane		N/A	N/A	N/A	N/A	U209		
1,1,2-Trichloro-1,2,2-trifluoroethane			N/A	N/A	F001/F002	N/A		
1,1,2-Trichloroethane			N/A	N/A	F002	U227 [c]		
1,1-Dichloroethylene		N/A		D029	N/A	U078		
1,2-Dichlorobenzene			N/A	N/A	F002	U070		
1,2-Dichloroethane		N/A		D028	N/A	U077 [c]		
1,4-Dichlorobenzene		N/A		D027	N/A	U072		
1, 4-Dioxane		N/A	N/A	N/A	N/A	U108		
2-Ethoxyethanol			N/A	N/A	F005	U359 [c]		
2-Nitropropane			N/A	N/A	F005	U171 [c]		
Acetone			N/A	N/A	F003	U002		

Attachment 5 – Hazardous Constituents – Example Form (Continued)

Compound	Suspected Present? (Y/N)	Used as a solvent? [a] (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Volatile Organic Compounds (continued)								
Acetonitrile		N/A	N/A	N/A	N/A	U003		
Benzene				D018	F005	U019		
Butanol (n-Butyl alcohol)			N/A	N/A	F003	U031 [c]		
Carbon disulfide			N/A	N/A	F005	P022 [c]		
Carbon tetrachloride				D019	F001	U211 [c]		
Chlorobenzene				D021	F002	U037		
Chloroform		N/A		D022	N/A	U044		
Cyclohexanone			N/A	N/A	F003	U057 [c]		
Ethyl acetate			N/A	N/A	F003	U112 [c]		
Ethyl benzene			N/A	N/A	F003	N/A		
Ethyl ether			N/A	N/A	F003	U117 [c]		
Formaldehyde		N/A	N/A	N/A	N/A	U122		
Hydrazine		N/A	N/A	N/A	N/A	U133		
Isobutanol			N/A	N/A	F005	U140 [c]		
Methanol			N/A	N/A	F003	U154		
Methyl ethyl ketone				D035	F005	U159		
Methyl isobutyl ketone			N/A	N/A	F003	U161 [c]		
Methylene chloride			N/A	N/A	F001/F002	U080 [c]		
Pyridine				D038	F005	U196		
Tetrachloroethylene				D039	F001/F002	U210		
Toluene			N/A	N/A	F005	U220		
trans-1,2-Dichloroethylene		N/A	N/A	N/A	N/A	U079		
Trichloroethylene				D040	F001/F002	U228		
Trichlorofluoromethane			N/A	N/A	F001/F002	U121 [c]		
Vinyl Chloride		N/A		D043	N/A	U043		
Xylenes			N/A	N/A	F003	U239		

Attachment 5 – Hazardous Constituents – Example Form (Continued)

Compound	Suspected Present? (Y/N)	Used as a solvent? [a] (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Semivolatile Organic Compound (40 CFR Part 261)								
2,4-Dinitrotoluene		N/A		D030	N/A	U105		
Cresols				D026	F004	U052		
Dimethyl sulfate		N/A	N/A	N/A	N/A	U103		
Hexachlorobenzene		N/A		D032	N/A	U127 [c]		
Hexachlorobutadiene		N/A		D033	N/A	U128 [c]		
Hexachloroethane		N/A		D034	N/A	U131 [c]		
Nitrobenzene				D036	F004	U169 [c]		
Pentachlorophenol		N/A		D037	F027 [c]	N/A		

Attachment 5 – Hazardous Constituents – Example Form (Continued)

Compound	Suspected Present? (Y/N)	Used as a solvent? [a] (Y/N/NA)	TC constituent concentration less than regulatory level? [a] (Y/N/NA)	TC Hazardous Waste Number [a]	F-Listed Hazardous Waste Number [a]	U- or P-Listed Hazardous Waste Number [a]	EPA Hazardous Waste Number Assigned (N/Specify HWN)	State Hazardous Waste Number [b]
Other Constituents								
Wastewater treatment sludges from electroplating operations		N/A	N/A	N/A	F006	N/A		
Spent cyanide plating bath solutions from electroplating operations		N/A	N/A	N/A	F007	N/A		
Spent cyanides stripping and cleaning bath solutions from electroplating operations		N/A	N/A	N/A	F009	N/A		
Beryllium powder		N/A	N/A	N/A	N/A	P015		
Cyanide (soluble cyanide salts)		N/A	N/A	N/A	N/A	P030		
Potassium cyanide		N/A	N/A	N/A	N/A	P098		
Potassium silver cyanide		N/A	N/A	N/A	N/A	P099		
Sodium cyanide		N/A	N/A	N/A	N/A	P106		
Vanadium pentoxide		N/A	N/A	N/A	N/A	P120		
Hydrofluoric acid		N/A	N/A	N/A	N/A	U134		
Total PCB Concentration [d]		N/A	N/A	N/A	N/A	N/A	N/A	
Additional EPA Hazardous Constituents (List)								
Additional State Hazardous Constituents [b] (List) [e]								
Potentially Flammable VOCs (List) [e,f]		N/A						

Attachment 5 – Hazardous Constituents – Example Form (Continued)

a. Source: Title 40 Code of Federal Regulations Part 261, Identification and Listing of Hazardous Waste
b. Source: Cite applicable state regulation
c. This EPA Hazardous Waste Number is not permitted for WIPP disposal.
d. Source: Title 40 Code of Federal Regulation Part 761, Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.
e. Add rows or attach additional sheets as necessary
f. Flammable VOCs included in the CH-TRAMPAC

NOTE: If any of the information requested on this form is not available or not applicable, enter N/A in the appropriate box.

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging – Example Form

Site(s): _____

Waste Stream Description: _____

Container ID Numbers: _____

Waste Stream Number:	
Physical Waste Form (e.g., debris, solidified waste)	
Summary Category Group[a]	
Waste Matrix Code Group[a]	
Waste Matrix Code[b]	
Waste Material Parameter Weights[c]	Estimated Waste Stream Weight Percent Average (attach evaluation justifying percentages)
Iron-based metals/alloys	
Aluminum-based metals/alloys	
Other metals	
Other inorganic materials	
Cellulosics	
Rubber	
Plastics (waste materials)	
Organic matrix	
Inorganic matrix	
Soils/Gravels	
Packaging materials	Present (Y/N)?
Steel	
Plastics	
Prohibited Wastes[d, e, f, g]	Present (Y/N)?
Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of RTR or VE. Observable liquid shall be no more than 60 milliliters or 3 percent by volume, whichever is greater, in an internal container. Observable liquid shall not be present in a container with EPA HWN U134 assigned.	
Non-radionuclide pyrophoric materials	

Attachment 6 – Waste Form, Waste Material Parameters, Prohibited Items, and Packaging – Example Form (Continued)

Sealed containers > 4 liters	
Hazardous waste not occurring as co-contaminants with TRU mixed waste (non-mixed hazardous waste)	

Waste Stream Number: _____

Explosives	
Compressed gases	
Residual hydrofluoric acid (if U134 assigned to stream)	
Residual PCB liquids[j]	
Ignitables (EPA Hazardous Waste Number D001)	
Corrosives (EPA Hazardous Waste Number D002)	
Reactives (EPA Hazardous Waste Number D003)	
Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes[h]	
Spent Nuclear fuel or high-level waste[i]	
Any unvented plastic bags > 4 liters that have been heat-sealed	
Additional Information (if available)	
Packaging	
Waste container type?	
Liner type?	
Is liner punctured?	
Is filter vent installed?	
Maximum number of confinement layers	

a. Source: *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (CCP-PO-001) Introduction.
b. Source: *Transuranic Waste Baseline Inventory Report* (DOE/CAO-95-1121) or DOE Waste Treatability Group Guidance (DOE/LLW-217). Note: the Waste Matrix Code should not be assigned at the Summary Category Group level.
c. Source: CCP-PO-001 - Table C3-1. Attach the Waste Material Parameter Evaluation Memorandum used to estimate values include in this Table (see Section 4.4.26).
d. Source: CCP-PO-001 - Section C-1c.
e. Source: *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WAC)(DOE/WIPP-02-3122), Section 3
f. Source: *TRUPACT-II Content Codes* (TRUCON) (DOE/WIPP 89-004)
g. Source: *TRUPACT-II Authorized Methods for Payload Control (TRAMPAC),* Nuclear Waste Partnership, LLC
h. This waste has been approved for disposal at the WIPP by the Permittee as documented by Appendix C1 of the WIPP RCRA Part B Permit Application and the Permittee's approval and assignment of the applicable TRUCON Codes for this waste stream.
i. Source: *Nuclear Waste Policy Act of 1982* (42 U.S.C. 10101)
j. Source: Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution and Commerce, and Use Prohibitions (40 CFR Part 761)

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Attachment 7 – Radionuclides – Example Form

*Attach current Radiological Characterization or NDA Memorandum

Site(s): _____

Waste Stream Number(s): _____

Waste Stream Description: _____

Radionuclide	Wt %[b]	Ci[b]	Suspected Present (Yes/No)
From CCP-PO-002			
Sr-90			
Cs-137			
U-233			
U-234			
U-238			
Pu-238			
Pu-239			
Pu-240			
Pu-242			
Am-241			
Other Radionuclides (List)			
[a]Source: *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant* (WAC) (DOE/WIPP-02-3122), Section 3 [b]If available			

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Attachment 8 – Waste Containers List – Example Form

(This attachment may be provided in a different format)

Site(s): _____

Waste Stream Number(s): _____

Waste Stream Description: _____

Number of Waste Containers in Waste Stream: _____

Total Existing Volume (m^3): _____

Is waste expected to be generated in the future?: _____

If yes, Estimated Future Volume (m^3): _____

Assumptions: _____

Waste Stream Container Evaluation Memo(s) for Added Containers: _____

Container Identification Number	Generation Date	Generation Point

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Attachment 9 – Attachment 9 is no longer required and Attachment number is reserved for future use

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Attachment 10 – Acceptable Knowledge Re-evaluation Checklist – Example Form

Site(s): _____
Waste Stream Number(s): _____
Waste Stream Description: _____
NCR numbers(s) if applicable: _____
Inconsistency between waste characterization and acceptable knowledge information (describe): _____
_____

Requirements	Completed? Yes/No	Additional Documentation [a]
Review existing information based on the container identification number and document all differences in EPA Hazardous Waste Number assignments. [c]		
If differences exist in the EPA Hazardous Waste Numbers that were assigned, reassess and document all required AK information associated with the new designation. [b,c]		
Reassess and document all testing data associated with the waste. [c]		
Verify and document that the reassigned Waste Matrix Code was generated within the specified time period, area and buildings, waste generating process, and that the process material inputs are consistent with the waste material parameters identified during RTR or VE.		
If NDA results indicate the presence of additional or different radionuclides in the waste, reassess and document AK and characterization information associated with the new information. [c]		
Record all changes to the AK records on the appropriate Attachments and resubmit to the CCP Facility Records Custodian.		
If unresolved discrepancies exist in the AK information for the reassigned Waste Matrix Code, EPA Hazardous Waste Numbers, or radionuclides, document the segregation of this container, and define the actions necessary to fully characterize the waste.		

a. Cite the source document, nonconformance report number, attachment, or other documentation used to support a change or no change.
b. If a toxicity characteristic contaminant is identified, it is not included as a listed waste, and analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.
c. Not applicable for LANL sealed source waste stream.

Acceptable Knowledge Expert:

_____ Date: _____
Print Sign

Site Project Manager:

_____ Date: _____
Print Sign

Attachment 11 – Acceptable Knowledge Source Document Discrepancy Resolution – Example Form

Waste Stream Number(s): _____

Waste Stream Description: _____

AK Source Document Discrepancy Form Tracking Number:

Tracking #		Title	Document/Rev#	Author	Date		Page #

Nature of Discrepancy:

Resolution:

Discrepancy Resolved: [ ] Yes [ ] No

Acceptable Knowledge Expert: _____ / _____ Date: _____
Print Sign

Site Project Manager: _____ / _____ Date: _____
Print Sign

Attachment 12 – Example Form and Content Guide for AK Summary Reports

CCP-AK-SITE-XXX

Central Characterization Program
Acceptable Knowledge Summary Report
For

NAME OF THE SITE
NAME OF THE PROCESS

REVISION NUMBER
DATE

Printed Name

APPROVED FOR USE

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

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LIST OF FIGURES
LIST OF ATTACHMENTS
LIST OF ACRONYMS AND ABBREVIATIONS

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

1.0 EXECUTIVE SUMMARY

This Acceptable Knowledge (AK) Summary Report has been prepared for the Central Characterization Program (CCP) for Contact-Handled (CH) (Remote-Handled [RH]) Transuranic (TRU) waste generated and managed by *(NAME THE SITE[s])*. The waste described in this report was generated by (Building/Facility), (and the waste will be repackaged in [Building/Facility]). This report was prepared in accordance with CCP-TP-005, *CCP Acceptable Knowledge Documentation* (Reference 1), to implement the AK requirements of (**RH only** -DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan* [WCPIP] [Reference __]); *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan* (WIPP-WAP) (Reference __); and DOE/WIPP-02-3122, Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WIPP-WAC) (References __).

The WIPP WAP AK requirements are addressed in CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan* (Reference __). The WIPP-WAC AK requirements are addressed in CCP-PO-002, *CCP Transuranic Waste Certification Plan* (Reference __). Additionally, this report provides the AK information required by (**CH only** - CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control [*CCP CH-TRAMPAC] [Reference __]) **OR** (**RH only -** CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control* [CCP RH-TRAMPAC] [Reference __]).

The CCP is tasked with certification of TRU waste for transportation to and disposal at the Waste Isolation Pilot Plant (WIPP). This report was developed in accordance with CCP-TP-005 (Reference 1) and describes how AK is collected, reviewed, and managed by the CCP. The CCP is responsible for collection, review, and management of AK documentation in accordance CCP-TP-005 and reviews and approves this AK Summary Report. CCP maintains responsibility for this AK Summary Report and all CCP-TP-005 generated forms and records as quality assurance (QA) records. In addition, CCP maintains a copy of the “historical source documents” as non-QA records.

(Brief description of the waste stream, facility[ies], and generating process/activity).

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

This AK Summary Report, along with referenced supporting documents, provides a defensible and auditable record of AK for designated waste streams from the *NAME THE (FACILITY/PROCESS/ACTIVITY)*. The references and AK source documents used to prepare this report are listed in Sections 7.0 (8.0 for RH) and 8.0 (9.0 for RH). The source documents cited throughout this report are identified by alphanumeric designations corresponding to a unique Source Document Tracking Number (i.e., C001, D001, DR001, M001, P001, and U001 (as applicable to match Section 3).

This AK report includes information relating to the facility's history, mission, process operations, waste identification, characterization, and waste management practices. Information contained in this report was obtained from numerous sources, including facility safety basis documentation, historical document archives, generator and storage facility waste records and documents, and interviews with cognizant personnel.

This report and supporting source documentation provide the mandatory waste program and waste stream-specific information required by the WIPP-WAP (Reference 3). (**RH only -** This report also compiles data relevant to the applicable U.S. Environmental Protection Agency [EPA] requirements and presents the documentation necessary to satisfy each WCPIP data quality objective [DQO] and quality assurance objective [QAO] for RH TRU waste streams [Reference 2]).

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

2.0 WASTE STREAM IDENTIFICATION SUMMARY

Site Where TRU Waste Was Generated and Stored: *SITE ADDRESS and EPA ID*

Facility Where TRU Waste Was Generated: *NAME OF FACILITY*

Facility Mission: *DESCRIBE THE MISSION AND HOW THE WASTE WAS GENERATED*

2.1 Waste Stream #1 (Identifier and Name)

2.2 Waste Stream #2 (Identifier and Name) (repeat following for each waste stream)

Summary Category Group: (Assign per Section 4.4.11)

Waste Matrix Code Group: (Assign per Section 4.4.10)

Waste Matrix Code: (Assign per section 4.4.9)

TRUPACT-II Content Code (TRUCON): (Obtain TRUCON Code(s) from SPM

TRUPACT-III Content Code (TRUCON): (Obtain TRUCON Code(s) from SPM

Waste Stream Description:

As described in Section 5.4.1, waste stream (number) is comprised primarily of (describe type of waste).

(Describe any other specific waste items in the waste stream, equipment, items not included above, secondary waste/chemicals introduced during packaging/repackaging.)

This waste stream was determined to contain Resource Conservation and Recovery Act (RCRA)-regulated constituents and is assigned the following EPA hazardous waste numbers (HWNs): (list HWNs) (Refer to Section 5.4.3).

(Identify the two predominant radionuclides by mass and activity for waste characterized using NDA techniques) (Refer to Section 5.4.2)

(Identify potential prohibited items and characterization method[s] selected to ensure the absence of these items in the final packaging) (Refer to Section 5.4.5).

(Describe waste packaging/repackaging and final waste container configuration) (Refer to Section 5.5).

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

For CH - Waste Stream (number) meets the WIPP-WAP waste stream definition. The waste stream consists of waste materials that have common physical form, that contain similar hazardous constituents, and that are generated from a single process or activity.

For RH - Waste Stream (number) meets the WIPP-WAP and the WCPIP waste stream definitions. The waste is similar in material, physical form, hazardous constituents, and radiological properties and generated from a single process or activity.

3.0 ACCEPTABLE KNOWLEDGE DATA and INFORMATION

TRU waste destined for disposal at the WIPP must be characterized prior to shipment. Development of knowledge of the waste materials and processes that generate and control the waste is required to provide a clear and convincing argument about the characteristics of each waste stream. The AK characterization documented herein complies with the requirements of the WIPP-WAP (Reference__) (**RH only** - and the WCPIP [Reference 1]) and was developed in accordance with of CCP-PO-001, (Reference ___), and CCP-TP-005 (Reference 1).

RH only - The WCPIP identifies waste characterization requirements and methods to satisfy requirements in:

- 40 Code of Federal Regulations (CFR) Part 191, *Environmental Radiation Protection Standards for the Management and Disposal of Spent Nuclear Fuel, High-Level and Transuranic Radioactive Wastes* (Reference __).
- 40 CFR Part 194, *Criteria for the Certification and Re-Certification of the Waste Isolation Pilot Plant's Compliance with the 40 CFR 191 Disposal Regulations* (Reference __).
- *Criteria for the Certification and Re-Certification of the Waste Isolation Pilot Plant's Compliance with the 40 CFR Part 191 Disposal Regulations: Certification Decision* (Reference __).

Public Law 102-579, *The WIPP Land Withdrawal Act (LWA)* (Reference __).

[Include a summary of the types and sources of AK information used].

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

The references and AK sources used to prepare this report are listed in Sections 7.0 (8.0 for RH) and 8.0 (9.0 for RH), respectively. The AK sources referenced within this report by alphanumeric designations (e.g., C001, D001, DR001, M001, P001, and U001) correspond to the Source Document Tracking Number using the following convention: (include as applicable)

- C – Correspondence
- D – Documents
- DR – Discrepancy resolution
- M – Miscellaneous
- P – Procedures and Published documents
- U – Unpublished documents

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

4.0 REQUIRED PROGRAM INFORMATION

This section presents the mandatory TRU waste program information required by the WIPP-WAP and the WCPIP for waste stream (number)(References __ and __). This section provides a description of the facility and operations associated with the generation of (facility/building/operation) TRU waste. Included is a description of the (facility/building/operation), summary of the mission, defense determination, and descriptions of (other operations including D&D, maintenance, repackaging, etc.) operations associated with the generation of waste stream (number) are provided.

4.1 Facility Location
4.2 Facility Description
4.3 Facility Mission
4.4 Defense Waste Assessment
4.5 High-Level Waste and Spent Nuclear Fuel Assessment
4.6 TRU Waste Management
4.6.1 Types and Quantity of TRU Waste Generated
4.6.2 Correlation of Waste Streams Generated from the Same Building and Process
4.6.3 Waste Stream Identification, Categorization, and Delineation
4.7 Description of Waste Generating Process

4.8 Waste Certification Procedures

5.0 REQUIRED WASTE STREAM INFORMATION
(Repeat the following information in additional waste stream sections, as needed)

This section presents the mandatory TRU waste stream specific information required by the WIPP-WAP (**RH only -** and the WCPIP) for waste stream (number) (References __ and __). The area of generation, waste stream volume, period of generation, prohibited items, waste packaging, and the physical, chemical, and radiological composition of the waste stream are described.

5.1 Area and Building of Generation

5.2 Waste Stream Volume and Period of Generation

5.3 Waste Generating Activities

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

5.4 Type of Waste Generated
5.4.1 Materials Related to Physical Form
5.4.1.1Waste Matrix Code
5.4.1.2Waste Material Parameters
5.4.2 Radiological Characterization
5.4.3 Chemical Content Identification - Hazardous Constituents
5.4.3.1F-Listed Constituents
5.4.3.2Toxicity Characteristic Constituents
5.4.3.3U- and P-Listed Constituents
5.4.3.4K-Listed Constituents
5.4.3.5Ignitables, Reactives, and Corrosives
5.4.3.6State Hazardous Waste Code or Number Assignment (if applicable)
5.4.4 Polychlorinated Biphenyls
5.4.5 Prohibited Items
5.5 Waste Packaging

6.0 QUALIFICATION OF AK – (**RH Only)**

As stated in CCP-PO-002, *CCP Waste Certification Plan,* (Reference __), this AK Summary Report provides a description of the characterization of this RH waste stream. CCP-AK-ORNL-XXX, *CCP RH TRU Waste Certification Plan for 40 CFR 194 Compliance and Confirmation Test Plan for Waste Stream (number)* (Reference __), describes how each DQO and QAO is met along with the rationale for selection of the AK qualification methods used. As required by the WCPIP (Reference __), the description of waste stream (number) is provided in Sections 4.0 and 5.0. The description of the confirmatory testing process, the percentage of containers that are subjected to the process, a discussion of why the process is considered representative of the waste stream, and quantitative acceptance criteria is presented in CCP-AK-ORNL-XXX (Reference __).

The CCP intends to use a combination of methods to qualify the AK information associated with the [site/facility/building] waste stream because this will make the best use of the information available (such as existing sampling and analytical data). Table XX, Waste Stream (number) Determination Summary, lists the DQOs to be addressed using AK associated with waste stream [number] relating to the defense waste, radiological, and physical waste stream determinations. The location (page number, section, etc.) of the relevant information is identified in the AK source identified in Table XX.

Table XX. Waste Stream (number) DQO Determination Summary
(Provide a summary of the AK and identify the AK sources and the characterization method for each WCPIP DQO).

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

6.0 CONTAINER-SPECIFIC INFORMATION **(Section 7.0 for RH)**

(Provide a summary of the AK documentation reviewed, including a list of the container-specific information).

In accordance with procedure CCP-TP-005 (Reference 1), a CCP Waste Containers List (Attachment 8 of the procedure) is completed and maintained as a quality record for waste tracking purposes. Information tracked includes container identification number, waste stream number, and the closure date for each container.

Attachment 12 – Example Form and Content Guide for AK Summary Reports
(Continued)

7.0 REFERENCE INFORMATION **[Section 8.0 for RH]**

1. CCP-TP-005, *CCP Acceptable Knowledge Documentation,* Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

2. DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*, Carlsbad, New Mexico, U.S. DOE Carlsbad Field Office

3. *Waste Isolation Pilot Plant Hazardous Waste Facility Permit, Waste Analysis Plan,* New Mexico Environment Department, Santa Fe, New Mexico

4. DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria For the Waste Isolation Pilot Plant,* Carlsbad, New Mexico, U.S. DOE Carlsbad Field Office

5. CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan,* Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

6. CCP-PO-002, *CCP Transuranic Waste Certification Plan,* Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

7. CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC),* Carlsbad, New Mexico, Nuclear Waste Partnership, LLC.

8. CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control (CCP RH-TRAMPAC),* Carlsbad, New Mexico, Nuclear Waste Partnerhsip, LLC.

10. DOE/LLW-217, *DOE Waste Treatability Group Guidance*, Idaho Falls, Idaho, INEL-Lockheed Idaho Technologies

11. 40 CFR Part 191, *Environmental Radiation Protection Standards for Management and Disposal of Spent Nuclear Fuel, High-Level and Transuranic Radioactive Wastes*, Washington, D.C., U.S. EPA

12. 40 CFR Part 194, *Criteria for the Certification and Re-Certification of the Waste Isolation Pilot Plant's Compliance with the 40 CFR Part 191 Disposal Regulations*, Washington, D.C., U.S. EPA

Attachment 12 – Example Form and Content Guide for AK Summary Reports (Continued)

13. *Criteria for the Certification and Re-Certification of the Waste Isolation Pilot Plant's Compliance with the 40 CFR Part 191 Disposal Regulations: Certification Decision*, Washington, D.C., U.S. EPA

14. Public Law 102-579, *The Waste Isolation Pilot Plant Land Withdrawal Act*, October 30, 1992 as amended by Public Law 104-201

15. 42 U.S.C 10101, *Nuclear Waste Policy Act of 1982*, U.S. Congress

Attachment 12 – Example Form and Content Guide for AK Summary Reports
(Continued)

8.0 AK SOURCE DOCUMENTS **[Section 9.0 for RH]**

Document Number	Title

[INSERT ALL REFERENCED FIGURES]

Attachment 13 – CCP Waste Stream Characterization Checklist – Example Form

CCP Waste Stream Characterization Checklist

Site(s):

Waste Stream Number: Lot # (if applicable)

Waste Stream Description:

Acceptable Knowledge Information or other data points[a]	Characterization Method(s)	Acceptable Knowledge Re-evaluation Required? Yes/No[b]?	Comments[c]
Physical waste form/description			
Waste material parameters weights			
Waste percent volume consistent with nondestructive examination or visual examination data and audio/video tapes or equivalent media			
Summary Category Group assignment			
Waste Matrix Code assignment			
Absence of prohibited items			
EPA Hazardous Waste Number assignment[d]			
Toxicity characteristic code assignment			
VOCs from packaging materials or radiolysis present			
State Hazardous Waste Number assignment			
Radionuclides present			
Other radiological parameters: (specify)			

Controlled
Copy

Attachment 13 – CCP Waste Stream Characterization Checklist – Example Form (Continued)

CCP Waste Stream Characterization Checklist

Additional Comments:_____

a. Identified in the AK Summary Report or included in the in-process record documentation (e.g., BDR's)
b. If "yes," AKE completes an *Acceptable Knowledge Re-evaluation Checklist.*
c. Identify the source of the waste testing information (e.g., VE or RTR batch data reports). Note if an AK Sufficiency Determination has been approved to meet any characterization parameter.
d. Ensure that, if a toxicity characteristic contaminant is identified, it is not included as a listed waste, and if analytical data regarding the concentration are not available, the corresponding EPA Hazardous Waste Number is applied.

Site Project Manager:

Date:

Print Sign

Acceptable Knowledge Expert:

Date:

Print Sign

Attachment 14 – CCP Acceptable Knowledge Accuracy Report – Example Form

CCP Acceptable Knowledge Accuracy Report

Site(s):_____

Waste Stream Number(s):_____

Waste Stream Description:_____

Waste Containers:	Waste Matrix Code Reassigned? (Y/N)	EPA Hazardous Waste Number Reassigned? (Y/N)	Radiological Data Consistent with AK? (Y/N)

Total containers in this report:_____
Total containers consistent with AK: _____
Percent containers consistent with AK:_____

Site Project Manager:
_____/_____ Date:_____
Print Sign

Controlled
Copy

Attachment 15 – CCP TRU Waste Correlation and Surrogate Summary Form – Example Form

CCP TRU Waste Correlation and Surrogate Summary Form

Generator/Storage Site(s): _____

Waste Stream(s): _____

Waste Used to Correlate: _____

Waste Used as Surrogate: _____

Information	Y/N	Source of Information
Is physical form identified?		
Are chemicals identified?		
Is the absence of prohibited items confirmed?		
Are radiological data described?		

Explain/Justify the Use of Correlating/Surrogate Waste Stream Information:
(Attach additional supporting information, as applicable)

Controlled
Copy

CCP-TP-028

Revision 9

CCP
Radiographic Test Drum and Training Container Construction

EFFECTIVE DATE: 06/16/2014

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
2	02/04/2004	In response to CAR No: CAR-CCP-010-03, revision change to create electronically fillable form and update references. Change FQAO to CCP Training and add Facility Records Custodian in Responsibilities section of procedure. Minor editorial corrections throughout procedure. Revision to Waste codes on Attachment 1 and fillable form.
3	01/19/2006	Revised procedure steps and Attachment 1, CCP NDE Test Drum Inventory Sheet to allow for multiple Summary Category Groups to be represented in a test/training drum. Revised Drum Contents section of Attachment 1 to include WAP-required items and other non-WAP items.
4	05/26/2010	Revised to clarify the difference between a Test Drum and a Training Drum and how they are to be constructed.
5	07/27/2010	Revised to correct editorial errors.
6	12/29/2010	Revised to incorporate training containers in place of training drums. Also revised training container assembly procedures to meet the requirements of the revised *Waste Isolation Pilot Plant Hazardous Waste Facility Permit.*
7	07/13/2012	Revised to allow Vendor Project Manager (VPM) to assemble Training Containers.
8	06/17/2013	Revised to include section 4.3 Reconfiguration of Previously Assembled Training Containers.
9	06/16/2014	Revised to add steps to check boxes to indicate whether a training container inventory is for a standard waste box or a drum.

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Attachment 2 – CCP NDE Training Container Inventory Sheet 14

1.0 PURPOSE

The purpose of this procedure is to provide the requirements for the assembly of nondestructive examination (NDE) test drums and training containers, required by CCP-PO-002*, CCP Transuranic Waste Certification Plan* and training containers, required by CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan,* and the *CH-TRU Payload Appendices* which are used to qualify Radiography Operators in accordance with CCP-QP-002, *CCP Training and Qualification Plan.*

1.1 Scope

This procedure provides the instruction for assembling test drums and training containers. Test drums are representative of the Waste Matrix Codes (WMC) for which the Waste Stream Profile Form approval is being sought. Training containers are required to be scanned semi-annually.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- *CH-TRU Payload Appendices*

Referenced Documents

- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-008, *CCP Records Management*

3.0 RESPONSIBILITIES

3.1 Vendor Project Manager (VPM) or Cognizant Engineer (CE)

3.1.1 Ensures that test drums and training containers are constructed in accordance with the requirements of this procedure.

3.1.2 Completes Attachment 1, CCP NDE Test Drum Inventory Sheet, and Attachment 2, CCP NDE Training Container Inventory Sheet.

3.2 CCP Training

3.2.1 Tracks the use of test drums and training containers to ensure that testing and evaluation of NDE Operators are conducted on test drums and training containers, as specified in CCP-QP-002.

4.0 PROCEDURE

4.1 Test Drum Assembly

NOTE

Test Drums are to be assembled representing all three Summary Category Groups, with the bottom ¼ being sludge, a spacer (e.g., cardboard), next ¼ being naturally occurring soil, and the top half containing debris using the listed required items and other material representing all the waste material parameters for debris.

VPM

4.1.1 Identify **AND** obtain the items needed to match the WMCs (items common to the waste streams to be characterized).

4.1.2 Obtain the following required items for each drum to be constructed:

[A] US Department of Transportation Type A 55-gallon drum

[B] Aerosol can with puncture

[C] Horsetail bag (Liner Bag)

[D] Pair of coveralls

[E] Empty bottle

[F] Irregular-shaped pieces of wood

[G] Empty one-gallon paint can

[H] Full container

[I] Aerosol can with fluid

[J] One-gallon bottle with three tablespoons of fluid

[K] One-gallon bottle with one cup of fluid

[L] Leaded glove or leaded apron

[M] Wrench

4.1.3 Construct the test drum(s) as follows:

NOTE
NDE test drum identification number format is NDE-TEST-01, NDE-TEST-02.

[A] Label the test drum with a unique identification number obtained from Central Characterization Program (CCP) Training.

[B] Record the test drum identification number and date on Attachment 1.

[C] Place sludge and spacer in drum.

[D] Place soil in drum.

NOTE
The one-gallon bottle with one cup of fluid (step [K]) MUST be placed upside down in the test drum. In addition, the test drum will be divided into layers with varying densities to represent different situations that may occur during radiography examinations.

[E] Place the remaining items listed in Section 4.1.2 (steps [B] through [M]), along with items common to the waste stream(s) (step 4.1.1), in the test drum.

[F] Record the placement of items (step 4.1.3[E]) on Attachment 1.

[G] Secure the lid to the test drum using the outside ring.

[H] Place a tamper indicating device/lock on the test drum.

[I] Complete Attachment 1, print name, sign, **AND** date on Attachment 1.

4.1.4 Repeat steps in Section 4.1.3 for each NDE test drum constructed.

4.1.5 Submit Attachment 1, in accordance with CCP-QP-008, *CCP Records Management*.

4.2 Reconfiguration of Previously Assembled Test Drums

VPM

4.2.1 Obtain the following for each container to be reconfigured:

- Test Drum to be reconfigured
- Current inventory sheet for Test Drum
- Any additional items common to the waste stream to be added to the Test Drum

4.2.2 Remove all items from the Test Drum EXCEPT the soil and sludge.

4.2.3 Label the Test Drum with a unique identification number obtained from the CCP Training department.

4.2.4 Ensure required inner containers with liquid have the correct amount of liquid.

4.2.5 Place the remaining items listed in Section 4.1.2 (steps 4.1.2[B] through 4.1.2[M]), along with items common to the waste stream(s) (step 4.1.1), in the test drum.

4.2.6 Record the placement of items (step 4.2.5) on Attachment 1.

4.2.7 Secure the lid to the test drum using the outside ring.

4.2.8 Place a tamper indicating device/lock on the test drum.

4.2.9 Complete Attachment 1, print name, sign, AND date on Attachment 1.

4.2.10 Repeat steps in Section 4.1.3 for each NDE test drum constructed.

4.2.11 Submit Attachment 1, in accordance with CCP-QP-008.

4.3 Assembling Training Containers

CE or VPM

4.3.1 Obtain the following items for each training container to be constructed:

- Container type regularly examined, for example a 55-gallon drum or standard waste box

- Items which can be identified by real-time radiography, items that are representative of the physical properties of the waste based on acceptable knowledge documentation reviewed (including internal containers of various sizes with various amounts of liquid), and prohibited items (for example, liquids in excess of one percent)

NOTE
NDE Training container identification number format is NDE-TRAINING-01.

4.3.2 Label the training container with a unique identification number obtained from the training department.

4.3.3 Place the items in the containers.

4.3.4 Record training container identification number on Attachment 2.

4.3.5 Record date of construction on Attachment 2.

4.3.6 Record if it is a box or drum on Attachment 2.

4.3.7 Record the inventory of the items on Attachment 2.

4.3.8 Install the container lid.

4.3.9 Install tamper indicating device/lock on the training container.

4.3.10 Print name, sign, and date Attachment 2.

4.3.11 Repeat steps in Section 4.2 for each NDE training container constructed.

4.3.12 Forward Attachment 2 to CCP Training.

4.4 Reconfiguration of Previously Assembled Training Containers

CE or VPM

4.4.1 Obtain the following items for each container to be reconfigured.

- Container to be reconfigured
- Current inventory list of the container
- New waste stream specific items listed in the site's AK documents

4.4.2 Empty contents of the training container EXCEPT for the soil and sludge.

4.4.3 Label the training container with a unique identification number obtained from the training department.

4.4.4 Empty liquid from internal containers.

4.4.5 Refill internal containers with an amount of liquid different than previous inventory sheet indicates with some being prohibited amounts.

4.4.6 Place items back into the container EXCEPT any waste stream specific items previously included on the inventory.

4.4.7 Place new waste stream specific items in the container.

4.4.8 Record training container identification number on Attachment 2.

4.4.9 Record date of construction on Attachment 2.

4.4.10 Record if it is a box or drum on Attachment 2.

4.4.11 Record the inventory of the items on Attachment 2.

4.4.12 Install the container lid.

4.4.13 Install tamper indicating device/lock on the training container.

4.4.14 Print name, sign, and date Attachment 2.

4.4.15 Forward Attachment 2 to CCP Training.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as quality assurance records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Nonpermanent Records

[A] Attachment 1 – CCP NDE Test Drum Inventory Sheet

[B] Attachment 2 – CCP NDE Training Container Inventory Sheet

Attachment 1 – CCP NDE Test Drum Inventory Sheet

Test Drum Identification Number:	**Date:**
Drum Contents:	
CCP-PO-002 Required Items	**Other Items**
1. Aerosol can with puncture	1.
2. Horsetail bag (Liner Bag)	2.
3. Pair of coveralls	3.
4. Empty bottle	4.
5. Irregular-shaped pieces of wood	5.
6. Empty one-gallon paint can	6.
7. Full container	7.
8. Aerosol can with fluid	8.
9. One-gallon bottle with three (3) tablespoons of fluid	9.
10. One-gallon bottle with one (1) cup of fluid (upside down)	10.
11. Leaded glove or leaded apron (circle one)	11.
12. Wrench	12.
Comments:	
VPM Printed Name: _____ **Date:** _____ **VPM Signature:** _____	

Attachment 2 – CCP NDE Training Container Inventory Sheet

Training Container Identification Number:	**Date:**
Container Contents:	Box ☐ Drum ☐
1.	14.
2.	15.
3.	16.
4.	17.
5.	18.
6.	19.
7.	20.
8.	21.
9.	22.
10.	23.
11.	24.
12.	25.
13.	26.
Comments:	
CE or VPM Printed Name: _____ **Date:** _____ **CE or VPM Signature:** _____	

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CCP-TP-030

Revision 34

CCP
CH TRU Waste Certification and WWIS/WDS Data Entry

EFFECTIVE DATE: 02/02/2015

Mike Ramirez

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RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
24	08/20/2008	Revised in response to Central Characterization Project Corrective Active Report CAR 08-025, deleted Characterization Data System Waste Certification Official review form, and made editorial changes.
25	01/22/2009	Revised to update data sources for the Waste Isolation Pilot Plant (WIPP) Waste Information System (WWIS) Data Spreadsheet (SS). Also made minor editorial changes.
26	05/27/2009	Revised to implement changes made to the *Contact-Handled Transuranic Waste Authorized Methods for Payload Control* (CH-TRAMPAC).
27	12/14/2009	Revised to allow use of the Waste Data System (WDS).
28	05/12/2010	Revised to include steps for direct load 100-Gallon drums that require characterization prior to placement in a direct load Standard Waste Box (SWB) and for minor editorial changes.
29	04/26/2011	Revised Attachment 2, WCO Waste Certification Requirements, to include Standard Large Box 2 (SLB2) Waste Certification Official (WCO) Waste Certification Requirements. Also revised Sections 3.1.6, 4.2.6, and Attachment 1 of the Data Sources for the WDS Master Template.
30	05/21/2012	Revise Table 1, Data Sources for the WDS Master Template, to include the acceptable knowledge (AK) Tracking Spreadsheet (SS) for another source for Layers of Confinement; added the reference for the Transuranic Package Transporter (TRUPACT)-III; added new records section for waste data system (WDS) flammable gas analysis (FGA) Certification.
31	11/19/2012	Revised to address CAR-CCP-0003-12 and various editorial changes. Also revised to better streamline the nonconformance report (NCR)/Corrective Action Report (CAR) quality assurance (QA) request.
32	06/20/2013	Revised to implement the Permit Modification Request Class 2 approved by New Mexico Environment Department (NMED) dated March 13, 2013 and *Contact-Handled Transuranic Waste Authorized Methods for Payload Control* (CH-TRAMPAC) changes.

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RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
33	11/19/2013	Revised to implement Shielded Container Assembly information and various editorial changes. Also revised to change the (WDS) Master Template to WDS Spreadsheet. Revised Attachment 2, WCO Waste Certification Requirements to include more acceptable container types, as well as more detail within the entire attachment. Also revised to implement a corrective action from WF13-245.
34	02/02/2015	Revised to implement the waste certification process and the Advanced Mixed Waste Treatment Project (AMWTP) flammable gas certification process using the Integrated Data Center (IDC); to implement a corrective action from WF14-285 to generate electronic records instead of signed paper copy records; and to remove the procedure steps for entering data into the WIPP Waste Information System/Waste Data System (WWIS/WDS) for Site-to-Site shipments.

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1.0 PURPOSE

The purpose of this procedure is to describe the steps the Central Characterization Program (CCP) uses for certifying contact-handled (CH) transuranic (TRU) waste for disposal at the Waste Isolation Pilot Plant (WIPP). This procedure also describes the process for entering data into the WIPP Waste Information System (WWIS)/Waste Data System (WDS) and reporting data on containers for disposal at the WIPP.

1.1 Scope

This procedure defines the parameters necessary for certification of CH TRU waste for disposal at the WIPP. This procedure includes the records that are generated to document that the CCP Waste Certification Official (WCO) has performed the necessary verifications and has certified the waste for disposal.

This procedure also describes how to obtain access and enter data into the WWIS/WDS for containers to be certified for disposal at the WIPP.

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2.0 REQUIREMENTS

2.1 References

Baseline Documents

- CCP-TP-035, *CCP Container Management*
- CCP-TP-068, *CCP Standardized Container Management*
- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*
- CCP-PO-050, *CCP TRUPACT-III TRU Waste Authorized Methods for Payload Control (CCP TRUPACT-III TRAMPAC)*
- *CH-TRU Payload Appendices*

Referenced Documents

- DOE/WIPP-09-3427*, Waste Data System User's Manual*
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
- DOE/WIPP-01-3194, *CH-TRU Waste Content Codes (CH-TRUCON)*
- DOE/WIPP-11-3458, *TRUPACT-III CONTENT CODES (TRUCON-III)*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-TP-002, *CCP Reconciliation of DQOs and Reporting Characterization Data*
- CCP-TP-120, *CCP Container Management*

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2.2 Training Requirements

2.2.1 Personnel who use this procedure to certify waste will be trained and qualified to the requirements for the WCO in accordance with CCP-QP-002, *CCP Training and Qualification Plan*.

2.2.2 Personnel who use this procedure to enter data will be trained and qualified to the requirements for the Waste Certification Assistant (WCA) in accordance with CCP-QP-002*.*

2.2.3 Personnel who use this procedure to enter data into the WWIS/WDS will refer to DOE/WIPP-09-3427, *Waste Data System User's Manual.*

2.3 Equipment List

2.3.1 Computer.

2.4 Software

2.4.1 Integrated Data Center (IDC) WDS Spreadsheet (controlled by IDC).

2.4.2 concat_wds_files.bat

2.4.3 clean_container_files.bat

2.4.4 WDS flammable gas analysis (FGA) Template.XLSM.

2.4.5 IDC WDS FGA Spreadsheet (controlled by IDC).

2.5 Precautions and Limitations

2.5.1 None.

2.6 Prerequisite Actions

2.6.1 None.

2.7 Definitions

2.7.1 None.

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NOTE
The Data Administrator (DA) in this document refers to the WWIS/WDS DA.

3.0 RESPONSIBILITIES

3.1 Site Project Manager (SPM) or Designee

3.1.1 Confirms that personnel performing this procedure are trained and qualified in accordance with applicable requirements in CCP-QP-002.

3.1.2 Notifies the WCO and WCA of completed Lot Characterization Information Summary (CIS) when used for new or revised Waste Stream Profile Forms (WSPF).

3.1.3 Serves as focal point for resolution of data issues.

3.2 Quality Assurance (QA)

3.2.1 Provides assistance in verifying data, completing documentation, and reviewing requirements and provides status of applicable Nonconformance Reports (NCRs).

3.3 Waste Certification Official (WCO) or Designee

3.3.1 Confirms that WCOs and WCAs are granted access to the WWIS/WDS.

3.3.2 Obtains a copy of the approved WSPF for applicable containers to be certified.

3.3.3 Certifies container(s) meet requirements for disposal in the WIPP repository.

3.3.4 Submits certified container(s) to WDS.

3.4 Waste Certification Assistant (WCA)

3.4.1 Works with the WCO to obtain access to the WWIS/WDS.

3.4.2 Obtains copies of data for each container from CCP Records, IDC or the Site Project Manager (SPM) that show data to be entered into the WDS Spreadsheet.

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3.4.3 Generates the WDS Spreadsheet using IDC and has a second WCA confirm the data are transferred correctly within IDC. The second data entry person verifies the data prior to certification by the WCO.

3.4.4 Submits applicable records to CCP Records Custodian in accordance with CCP-QP-008, *CCP Records Management* via IDC electronic records.

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NOTE

Throughout the procedure, "WDS Spreadsheet" is a generic term used to refer to the "IDC WDS Spreadsheet " Similarly, "WDS FGA Spreadsheet" refers to the "IDC WDS FGA Spreadsheet."

4.0 PROCEDURE

4.1 Obtaining and Changing Access to the WWIS/WDS

WCO

4.1.1 Determine which personnel need access to the WWIS/WDS (see Section 4.0 of DOE/WIPP-09-3427).

4.1.2 Request WWIS/WDS access for each person by filling out a WIPP/WDS access request form and submitting it to a DA.

4.1.3 Notify the DA when personnel who have received WWIS/WDS access:

[A] Leave the project;

[B] No longer need WWIS/WDS access; **OR**

[C] Need to change the type of WWIS/WDS access.

CCP Personnel

4.1.4 Once the DA has been notified by the WCO that access is to be granted, contact the DA to receive WWIS/WDS training and a WWIS/WDS username in accordance with the DOE/WIPP-09-3427.

4.2 Verifying the WSPF in WWIS/WDS Tables and Developing Container Listings

SPM

4.2.1 Obtain the WSPF Number in accordance with CCP-TP-002, *CCP Reconciliation of DQOs and Reporting Characterization Data*.

4.2.2 Request the DA establish the WSPF Number in the WWIS/WDS.

4.2.3 Confirm that the WSPF Number is correct in the WWIS/WDS Reference Table upon notification that the DA has added the WSPF Number to the WWIS/WDS.

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4.2.4 Inform the WCO and WCA that the WSPF has been added to the WWIS/WDS.

4.2.5 Develop a list of containers for certification under the appropriate WSPF.

4.2.6 Review the list of containers for certification, revise as necessary, **AND** submit the list to the WCO and WCA via the IDC when the CIS is complete.

4.3 Entering and Verifying WDS Characterization Data

WCA

4.3.1 Using the "Edit WCO Data" module in IDC and appropriate data sources as listed in Table 1, Data Sources for the WDS Spreadsheet, check the container(s) out for entry **AND** enter characterization data for each container record used to support the WSPF.

NOTE
The WSPF is only needed for the first Lot of a new or revised waste stream.

4.3.2 **ONCE** the characterization data is entered,
THEN select "done/update."

WCA (Verifier)

4.3.3 Using the "Edit WCO Data" module, check the container(s) out for validation **AND** verify each container record for accuracy and completeness.

4.3.4 **IF** there are any discrepancies that **CANNOT** be resolved,
THEN inform the WCO or SPM for resolution.

4.3.5 **ONCE** the data is complete and verified,
THEN check the container(s) in for validation.

4.4 Precertifying WDS Characterization Data

WCO

4.4.1 Using the "Edit WCO Data" module in IDC check out the container(s) **AND** perform a precursory certification review on each container used to support the WSPF.

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4.4.2 Using the “Certify WCO Data” module in IDC select “Final Publish.”

4.4.3 Using the “Certify WCO Data” module in IDC select “Generate Charz WDS File” to generate the Characterization flat file to be used for WDS Characterization Submittal.

4.4.4 Save the flat file into the TempTables Folder.

4.5 WDS Characterization Data Submittal

WCO/WCA

4.5.1 **OPEN** TempTables Folder to run batch programs, **AND** run concat_wds_files to copy all containers into upload files readable by WWIS/WDS.

4.5.2 LOG ON to the WWIS/WDS.

4.5.3 Upload the container(s) to the Characterization module.

[A] **IF** container(s) upload is successful,
THEN GO TO step 4.5.4.

[B] **IF** container(s) fails and errors **CANNOT** be fixed,
THEN initiate an NCR in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*, if applicable.

4.5.4 **ONCE** complete,
THEN Open the TempTables Folder **AND** RUN clean_container_files to clear the TempTables Folder of all uploaded file data.

4.6 Entering and Verifying WDS Certification Data using IDC

WCA

4.6.1 Using the “Edit WCO Data” module in IDC and appropriate as listed in Table 1 check out the container(s) for entry **AND** enter the certification data for container(s).

4.6.2 **ONCE** the certification data is entered,
THEN select “done/update.”

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WCA (Verifier)

4.6.3 Using the "Edit WCO Data" module, check the container(s) out for validation **AND** verify each container record for accuracy and completeness.

4.6.4 **ONCE** the data is complete and verified,
THEN check the container(s) in for validation.

4.6.5 **IF** there are any discrepancies that **CANNOT** be resolved,
THEN inform the WCO or SPM for resolution.

WCO

4.6.6 Resolve discrepancy or initiate an NCR in accordance with CCP-QP-005, as applicable.

4.7 Waste Certification using IDC

4.7.1 Within the "Edit WCO Data" module, navigate to the "Check In/Check Out."

4.7.2 Request that QA confirms that each container being certified has NO unresolved NCRs, if applicable.

4.7.3 **IF** container is QA Certified, check the containers out for certification and proceed to step 4.7.5.

QA

4.7.4 Using IDC, confirm that each container requested for an NCR check has NO unresolved NCRs, if applicable.

NOTE

For waste streams that are approved for load management, TRU alpha activity concentrations of less than 100 nanocuries per gram (nCi/g) are allowed if containers meet step 4.7.13 and are assigned an overpack status.

WCO

4.7.5 Navigate to the "Container Edit" tab **AND** select container(s) to certify.

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4.7.6 **IF** there are any open NCRs,
THEN using IDC, verify that each container certified has no unresolved NCRs.

4.7.7 Confirm that the data in IDC matches the batch data report (BDR) data and is accurate and complete.

4.7.8 Confirm that the TRU alpha activity concentration is greater than 100 nCi/g for each container.

4.7.9 **IF** container is less than 100 nCi/g, and not eligible for load management,
THEN initiate an NCR in accordance with CCP-QP-005, if applicable.

4.7.10 Confirm that the applicable criteria on Attachment 2, WCO Waste Certification Requirements, have been met.

4.7.11 Review the waste stream information against the applicable Content Code and data sources to confirm the waste is **NOT** an incompatible waste.

4.7.12 **IF** a container does not have an approved/proper TRUCON code,
THEN have the container put on an electronic exclusion in IDC
AND flag the container, if applicable.

4.7.13 Verify at least one TRU isotope is greater than the lower limit of detection (LLD) for waste containers.

4.7.14 **IF** the Methane concentration is greater than or equal to 1,250 parts per million (ppm),
THEN the container is **NOT** eligible for certification.

4.7.15 **IF** the hydrogen concentration is greater than 50,000 ppm,
THEN the container is **NOT** eligible for certification.

4.7.16 **IF** the Methane concentration is less than the minimum detectable limit (MDL) as indicated by a “U” flag,
THEN adjust the Methane concentration to 2.5 percent of the Hydrogen concentration, as appropriate.

4.7.17 **IF** Gas Generation Testing (GGT) is indicated for the waste container,
THEN ensure that the shipping period of the selected Shipping Category is valid for the testing period of GGT.

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NOTE
The designator "BN" must be added to the beginning of the Container number for all data sets for waste containers from Advanced Mixed Waste Treatment Project (AMWTP) CCP waste streams and containers **NOT** designated to be overpacked. This designator is only required to be applied to the Container number for submittal to the WWIS/WDS.

4.7.18 **IF** a deficiency in data is identified,
THEN flag the container in IDC **AND** initiate an NCR in accordance with CCP-QP-005, if applicable.

4.7.19 **IF** no deficiencies are identified,
THEN select "Certify."

4.8 Waste Certification Data Submittal Using IDC

NOTE
Containers must have a valid QA NCR check before submitting to WDS.

4.8.1 Within the "Certify WCO Data" module navigate to the "Final Publish" tab.

4.8.2 Verify a valid QA NCR check is complete.

4.8.3 Select "WDS Submit."

4.8.4 In the "WDS Submittal" popup window enter the appropriate WDS Credentials **AND** select "Perform Evaluations" to upload the container(s) to WDS.

[A] **IF** container fails and errors **CANNOT** be fixed,
THEN exit the system, **AND** initiate an NCR in accordance with CCP-QP-005, if applicable.

4.9 WDS Deficiencies

4.9.1 **IF** a deficiency is identified after the container data is submitted to the WWIS/WDS,
THEN:

[A] Request in writing CCP management approval for the WCO to reject the container from the WWIS/WDS, if applicable, **AND** obtain confirmation that the container is rejected, if applicable.

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[B] Initiate an NCR in accordance with CCP-QP-005, if applicable.

4.10 Data Entry and Verification for Transportation Data Only, Generated by CCP for Non-CCP Waste Containers Using IDC

WCO or WCA

4.10.1 Within the "Edit WCO Data" module navigate to the "Check In/Out" tab **AND** in the task field select "Assign FG Lot."

4.10.2 Filter out the following **AND** select available container(s) and assign to an FG lot:

[A] FGA SPM Status – Complete

[B] Has FGA data – checked

[C] Flag – Unchecked

[D] NCRs – NO

4.10.3 Request that QA confirms that each container certified has NO unresolved NCRs, if applicable.

QA

4.10.4 Using IDC, confirm that each container requested for an NCR check has NO unresolved NCRs, if applicable.

WCA

4.10.5 Within the "Edit WCO Data" module, navigate to the "Check in/Check out tab **AND** select "CO for Entry."

4.10.6 Navigate to the "Container Edit" tab **AND** enter and verify Transportation data for container(s) using appropriate sources as listed in Table 1.

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4.10.7 Enter aspiration based on the criteria below:

[A] **IF** the closure/vent dates are the same,
THEN use "N" for aspiration.

OR

[B] **IF** the closure/vent dates are different,
THEN use "3" for aspiration.

4.10.8 For additional filters, select "Edit Filter Data" and enter additional filters.

4.10.9 Enter DOE/WIPP-01-3194, *CH TRU Waste Content Codes (CH-TRUCON)* or DOE/WIPP-11-3458, *TRUPACT-III Content Codes (TRUCON III)*, as described in Attachment 1, Entering of Content Code and Shipping Category into the WWIS/WDS.

4.10.10 **ONCE** the appropriate data is complete
THEN select "done."

NOTE

Step 4.10.10 [A] is for data entry of waste that requires characterization prior to placement in a direct loaded standard waste box (SWB).

NOTE

Use an FGA sample date one day after the closure and vent.

[A] For SWBs Direct Loaded, the volatile organic compound (VOC) concentration values for each 100-gallon drum packaged in the SWB shall be compared and the highest single value for each flammable VOC shall be selected for reporting as the SWB values on the WDS FGA Spreadsheet.

WCA (Verifier)

4.10.11 Within the "Edit WCO Data" module navigate to the "Check in/Check out" tab **AND** select "CO for Validation."

4.10.12 Navigate to the "Container Edit" tab and verify the container for completeness and accuracy.

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4.10.13 **ONCE** the data is verified,
THEN navigate to the "Check in/Check out" tab **AND** select "CI for Validation."

4.10.14 **IF** there are any discrepancies,
THEN forward to a WCA for correction **AND** repeat step 4.10.12.

4.10.15 **IF** there are discrepancies that **CANNOT** be resolved
THEN forward to the WCO for resolution.

WCO

4.10.16 Resolve discrepancy **OR** initiate an NCR in accordance with CCP-QP-005, as applicable.

4.11 Waste Certification and WDS Submittal for Transportation Data Only, Generated by CCP for Non-CCP Waste Containers Using IDC

4.11.1 Within the "Edit WCO Data" module navigate to the "Check in/Check out" tab **AND** select "CO for Certification."

4.11.2 Navigate to the "Container Edit" tab **AND** certify Transportation data to confirm they are accurate and complete.

NOTE
Steps [4.11.3] and [4.11.4] shall only be performed for 100-gallon drums containing 55-gallon puck drums.

4.11.3 **IF** the hydrogen/methane concentration is greater than 5,883 ppm, but less than 17,150 ppm,
THEN designate container(s) for a 10-day controlled shipment.

4.11.4 **IF** the hydrogen/methane concentration is greater than or equal to 17,150 ppm,
THEN place the non-CCP waste container on hold, **AND** initiate an NCR in accordance with CCP-QP-005.

4.11.5 **IF** the methane concentration is greater than or equal to 1,250 ppm,
THEN the container is NOT eligible for certification.

4.11.6 **IF** the Methane concentration is less than the MDL as indicated by a "U" flag,
THEN adjust the Methane concentration to 2.5 percent of the Hydrogen concentration, as appropriate.

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4.11.7 **IF** a deficiency in data is identified before submitting to WDS,
THEN place the waste container on hold, **AND** initiate an NCR in accordance with CCP-QP-005, if applicable.

4.11.8 **ONCE** the container is complete,
THEN navigate to the "Certify WCO" module **AND** certify the container(s).

4.11.9 **IF** the container is certifiable,
THEN submit the container to WWIS/WDS.

4.11.10 Navigate to the "Final Publish" tab in the "Certify WCO Data" module **AND** select "WDS Submit."

4.11.11 In the WDS Submittal popup window, enter the appropriate WDS Credentials; **DO NOT** select "Perform Evaluations,"
THEN upload the container(s) to Presubmittal Certification in WDS.

4.11.12 Using WDS, search for FGA submitted container(s) **AND** perform eTRAMPAC evaluation.

4.11.13 **IF** the container fails the eTRAMPAC evaluation and errors CANNOT be fixed,
THEN put the containers(s) on hold in IDC, **AND** initiate an NCR in accordance with CCP-QP-005, if applicable.

NOTE

The WWIS/WDS Overpack Data Entry Module utilizes edit limit checks when data are entered and selected. The WWIS/WDS steps in the following section may be repeated until Overpack compliance is satisfied. Default data may be used to generate the build list for the Transportation Certification Officials (TCOs).

4.12 Container Selection and certification for Overpacks/Load Management Containers using the WWIS/WDS.

4.12.1 LOGON to the WWIS/WDS.

4.12.2 Enter the Overpack Planning and Completion Module.

4.12.3 Select New **OR** Overpack Assistant.

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4.12.4 Enter the data for the Overpack information, as applicable **AND** select search.

[A] Select Overpack Configuration

[B] Select Certification Program ID

[C] Select Current Location

[D] Select Destination Site ID

[E] Select Shipping Program

[F] Select Waste Stream Profile Code

[G] Select Search

4.12.5 Select the Containers for the Overpack.

4.12.6 Perform evaluation checks.

4.12.7 Select Accept **AND** Enter Overpack number.

NOTE

To have the WWIS/WDS perform the edit and limit checks on the Overpack/Load Management Container without submitting the Overpack/Load Management Container for approval as in step 4.12.19, the WCO can select all evaluations as applicable and select execute checks.

4.12.8 Enter Beta/Gamma and Neutron dose rate, if applicable.

4.12.9 Enter Shipping Purpose.

4.12.10 Enter the Closure and Vent Date of the Overpack/Load Management Container, if applicable.

4.12.11 Verify the correct WAC revision number.

4.12.12 Enter Alpha Surface and Beta/Gamma Surface Contamination, if applicable.

4.12.13 Enter filter model number, number of filters, and date of filter installation, **AND** add as applicable. Select “All Evaluation” checkbox and execute checks.

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4.12.14 **ONCE** overpack passes the checks,
THEN Generate the Overpack Build List.

4.12.15 Send Overpack Build List to applicable TCO's.

4.12.16 Receive the Loading Form from the TCO and enter the required certification data, **AND** enter certification date.

4.12.17 Verify the container numbers in the Overpack/Load Management Container match those on the Loading Form received from the TCO.

4.12.18 For the ten-drum overpacks (TDOPs), verify that the heavier drums are on the bottom layer and the lighter drums are on the top layer.

4.12.19 Submit the Overpack/Load Management Container for approval.

4.12.20 After successful submittal for approval, print the Overpack Data Report and sign the cover page.

WCA

4.12.21 Compile the following items used in the submission of data to the WWIS/WDS, **AND** submit to CCP Records in accordance with CCP-QP-008:

[A] Copies of the data containing the Overpack/Load Management Container, radiological survey, and filter information used to enter data above.

[B] The Waste Container Data Report for the data submitted.

[C] Correspondence (e.g., memorandum/E-mail notifications).

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5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as QA records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] Container Certification:

[A.1] Correspondence (memorandum/E-mail notifications)

[A.2] WCO Certified WDS Spreadsheets will be electronic only and will reside in the IDC WCO Module

[B] Overpack Certification:

[B.1] Overpack Data Report (for Overpacks only, e.g., TDOP, SWB)

[B.2] Radiological Survey Information, if applicable

[B.3] Correspondence (memorandum/E-mail notifications)

[C] WDS FGA Certification

[C.1] Correspondence (memorandum/E-mail notifications)

[C.2] WCO Certified WDS FGA Spreadsheets will be electronic only and will reside in the IDC WCO Module

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Table 1. Data Sources for the WDS Spreadsheet

Field Label	Source
Characterization, Certification, and Shipping Data	
Shipper Site ID or Site ID Location ID Destination Program ID Shipping Purpose	WDS reference table
Waste Stream Profile	Acceptable knowledge (AK) Summary Report
Container Number	Completed CIS (Add "BN" to front of ID Number for the Advanced Mixed Waste Treatment Project [AMWTP] containers not being Overpacked); AK Tracking Spreadsheet
Container Type	Packaging records; visual inspection; AK Summary Report; or designate for Overpacking, AK Tracking Spreadsheet
Waste Acceptance Criteria (WAC) Rev #	DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
Cert Site	WDS reference table
Cert Date	Date WCO certifies payload container
Waste Handling Code	CH Radioassay BDR; Radiological Characterization BDR; WSPF
Waste Type Code	WSPF or AK Summary Report (TRU or mixed transuranic (waste) [MTRU]) (if no Hazardous Waste Numbers, enter TRU)
Waste Stream Baseline Inventory Report (BIR) ID	WSPF or AK Summary Report
Generator Site ID Item Description Code Code Matrix Code	WSPF or AK Summary Report AK Summary Report (not applicable [NA] if no Item Description Code available) WDS reference table
TRUCON Code	AK Summary Report, WSPF. See Attachment 1, Entering of Content Code and Shipping Category into the WWIS/WDS and the CH-TRUCON or TRUCON-III.
Shipping Category	CH-TRU Waste Content Codes (CH-TRUCON) or TRU Waste Content Codes (TRUCON-III)
TRU Alpha Act TRU Alpha Act Uncertainty TRU Alpha Act Concentration (conc.) Pu-239 Fissile Gram Equivalent Pu-239 Fissile Gram Equivalent Uncertainty Pu-239 eq. act. Decay Heat Decay Heat Uncertainty	Radioassay BDR, Radiological Characterization BDR Note – Nondestructive Assay (NDA) uncertainties must be reported to the WWIS/WDS at 1-sigma. Verify the data to be submitted to WWIS/WDS is at 1-sigma.
Layers of Packaging	Visual Examination (VE) BDR, real time radiography (RTR) BDR, AK Tracking Spreadsheet or AK Summary Report
Fill Factor	VE BDR, RTR BDR or AK Summary Report
Liner Type or Liner Exists	VE BDR, RTR BDR or AK Summary Report
Liner Lid Present	VE BDR, RTR BDR or AK Summary Report

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Table 1. Data Sources for the WDS Spreadsheet (Continued)

Field Label	Source
Liner Punctured, Liner Hole Size	VE BDR, RTR BDR, or AK Summary Report. No liner lid indicates liner is vented with default hole size of 478 mm for a 55-gallon drum
PCB Waste PCB Concentration PCB Mass PCB Out-Of-Service Date	WSPF or AK Summary Report VE BDR, RTR BDR, or AK Tracking Spreadsheet (Remediated/no liquid allowed – Bulk/liquid allowed)
Aqueous Material Beryllium (Be) < or equal to 100 kg Be < or equal to 1% Be Present Machine Compacted	AK Tracking Spreadsheet or AK Summary Report
Closure Date	AK Tracking Spreadsheet, Remediated Drum Spreadsheet, IDC, FGA BDR
Vent Date	AK Tracking Spreadsheet, Remediated Drum Spreadsheet, IDC, FGA BDR
Filter Install Date Filter Manufacturer Filter Model Number Number of Filters Installed	FGA BDR, VE BDR, AK Tracking Spreadsheet, Remediated Drum Sheet, Drum Filter Change Out Form, or Container Inspection Report, SLB2 Vent Configuration Sheet
Waste Gen Date Filter Reduction Date Reduced Filter Model	AK Tracking Spreadsheet
Aspiration Method ID	FGA BDR, TRAMPAC-II, TRAMPAC-III Default Method IDs: T – LTO containers and 3 – general containers
Gas Generation Rate Hydrogen/Methane Gen. Rate Generation Completion Date	GGT BDR, Long Term Objective (LTO) as applicable
Gross Weight	VE BDR, Radiography BDR, CCP-TP-120, *CCP Container Management* (Operational Readiness Review [OSR] only),
Gross Weight Uncertainty	2.3 kg for drums, 16.3 kg for SWBs, and 90.7 kg for (Standard Large Box 2) SLBs may be entered as the bounding case where actual measurement data are not readily available
Alpha Surf Cont Beta/Gamma Surf Cont Neutron Dose Rate Beta/Gamma Dose Rate	Radiological Control Technician (RCT) Report (When either NDA, MDA, or ND is recorded for Alpha and Beta/Gamma surface contamination, record 19 and 199 respectively on the spreadsheet)
Radionuclide Data Radionuclide Activity (curie [Ci] Activity Uncertainty (Ci) **Assay Method Data** Radioassay Method Data Package Number Assay Date (actual assay date)	 Radioassay BDR, Radiological Characterization BDR Note – NDA uncertainties must be reported to the WWIS/WDS at 1-sigma. Verify the data to be submitted to WWIS/WDS is at 1-sigma. Certification Letters or Certified Equipment List, Radioassay BDR, Radiological Characterization BDR
Material Parameter Data WMP Weight of Material Parameter	 VE BDR or Radiography BDR, AK Summary Report

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Table 1. Data Sources for the WDS Spreadsheet (Continued)

Field Label	Source
Characterization Method Data Charz Method ID Data Package Number Charz Method Date	RTR, VE BDR, Certification Letters or Certified Equipment List
Hazardous Waste Numbers Data Hazardous Waste Numbers	WSPF or AK Summary Report
Sample Type Layer No. Sampled Date Sampled Method ID Data Package Number	FGA BDR, OSR AK Summary Report, Certification Letter, Certification Equipment List
Analyte	FGA BDR, OSR AK Summary Report, Certification Letters, or Certified Equipment List Analytical BDR
Concentration (% volume [vol.], milligram/kilogram [mg/kg], parts per million [ppm]) Date Analyzed	FGA BDR, OSR AK Summary Report
Reporting Flag D Reporting Flag U Reporting Flag N/A	FGA BDR, OSR AK Summary Report

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Attachment 1 – Entering of Content Code and Shipping Category into the WWIS/WDS

1. INTRODUCTION

This attachment describes the steps used to enter assigned Content Codes into the WDS Spreadsheet using various sources of characterization data. Entering the Content Code is performed by the waste certification staff based on the waste material contents and the layers of packaging used for each container. Content Code assignment is reviewed and approved by the WCO during container certification.

2. ASSIGNING THE NUMERIC VALUE

Assign the Content Code based on the container waste stream assignment. The Content Code identified in AK will be confirmed by RTR and VE when performed, and to confirm the absence of incompatible waste in the waste stream. Enter the Content Code in WDS Spreadsheet.

3. ASSIGNING A LETTER DESIGNATOR FOR LEGACY WASTE

For retrievably-stored waste, the letter designator of the Content Code is assigned using packaging information from the following sources which are listed in order of priority of usage:

- VE BDRs, if available
- If RTR information is undetermined, use the default assignment given in (or determined from) the AK Summary Report for the applicable waste stream

4. OTHER

For waste packaged under a DOE CBFO audited and approved certification program (newly generated waste exempted from RTR), use the Content Code assigned in the packaging documents.

5. SHIPPING CATEGORY

After selection of appropriate Content Code using the CH-TRUCON or TRUCON-III, assign the Shipping Category number and document on the WDS Spreadsheet.

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Attachment 2 – WCO Waste Certification Requirements

Acceptable Container 55-gallon drums 85-gallon drums 100-gallon drums S100 POC S200 POC S300 POC SWB TDOP Standard Large Box 2 (SLB2) Shielded Container Assembly (SCA)
Gross Weight Limit 55-, 85- and 100-gallon drum – 1000lbs (453.6kg) 6" pipe POC- 328lbs (148.7kg) 12" pipe POC and gamma neutron shielded 12" pipe - 547lbs (248.7kg) S100 POC- neutron shielded 6" pipe - 550lbs (249.4kg) S200, S200B and S300 POC-547lbs (248kg) SWB – 4000lbs (1814.1kg) TDOP – 6700lbs (3038.5kg) SLB2 – 10500lbs (4761.9kg) SCA-2260lbs (1024.9kg)
Surface Contamination <20 (dpm)/100 cm^2 alpha & <200 dpm/100 cm^2 beta-gamma
Liner (if present) punctured filtered
Properly aspirated/ filter vents See CH-TRUCON document for all container types except SLB2 See TRUCON-III document for SLB2
Ten Required Isotopes AM-241; PU-238, -239, -240, -242; U-233, -234, -238; Sr-90; Cs-137. -1 value for LLD if expected. 0 value for LLD if not expected.
Pu-239 FGE + 2X error (Be ≤ 1 wt. %) ≤ 200 55-(excluding pipe overpacks), 85-, 100-gallon drum or SCA ≤ 325 SWB, TDOP, SLB2 ≤ 5 Kg Be & ≤ 200 55-gallon drum pipe overpack See WAC for machine compacted limits
Pu-239 FGE + 2X error (Be > 1 wt. %) ≤ 100 55- (excluding pipe overpacks), 85-, 100-gallon drum (up to 100kg) ≤ 100 SWB, TDOP, SLB2 (Be from AK) ≤ 140 Pipe overpacks (S100, S200 or S300 pipe overpack) See WAC for machine compacted limits
Be prohibited > 100 Kg/55-gallon Be > 18.14kg SWB, TDOP, SLB2 (Be from AK) >1% by weight SCA
Pu-239 Equiv. Activity (PE-Ci) ≤ 80 Drum (55-, 85-. and 100-gallon), Shielded Container ≤ 560 (SWB, SLB2 direct load) ≤ 800 (TDOP Direct Load) ≤ 1100 (good 55-gallon drum overpacked into 85-gallon drum) ≤ 1200 (good SWB into TDOP) ≤ 1200 (overpacked 55, 85 undamaged into SWB, TDOP) ≤ 1800 (pipe overpacks, S100, S200, S300) ≤ 1800 all solidified/vitrified waste

Attachment 2 – WCO Waste Certification Requirements (Continued)

Radiation Dose Equivalent < 200 millirem per hour (mrem/hr) contact <179 mrem/hr S100 pipe overpack <155 mrem/hr S300 pipe
Pyrophorics ≤1 % by weight (Radioactive) Non-radioactive pyrophorics – prohibited
Hazardous Waste Codes permitted for disposal at WIPP D001, D002 or D003 are not acceptable at WIPP
No explosives
No corrosives
No pressurized containers
PCBs Not all sites approved removed service date (Out-of-Service date), mass, type of waste (remediated or bulk)

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CCP-TP-053

Revision 15

CCP
Standard Real-Time Radiography (RTR) Inspection Procedure

EFFECTIVE DATE: 09/11/2014

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
9	09/30/2010	Revised to incorporate another test image type.
10	03/04/2011	Revised to address Carlsbad Field Office (CBFO) Corrective Action Report (CAR)-11-015. Deleted requirement to identify locations of dense waste material, sharp/heavy objects. Deleted requirement of identification of block and/or bracing of sharp/heavy objects and heterogeneity of the waste (e.g., DO **NOT** just list plastic, describe it as small plastic bottles, plastic tubing, plastic sheeting, or plastic coveralls etc.). Deleted requirement of recording of liquid amounts on attachments. All prohibited conditions will be addressed in the Nonconformance Report (NCR) process. Added the ability to use procedure to Real-Time Radiography (RTR) Remote-Handled (RH) waste.
11	07/20/2011	Revised to add checklist question based on agreement with New Mexico Environmental Department (NMED).
12	08/22/2012	Revised to change format of attachments. Clarified format of container weights and clarified steps for documenting nonconformance reports (NCRs) on Attachment 2, CCP Radiography Data Sheet (Example).
13	05/14/2013	Revised to incorporate Nuclear Waste Partnership (NWP) transition changes, to add software used, and other editorial changes.
14	09/25/2013	Revised to address Carlsbad Field Office (CBFO) CAR 13-034, CBFO CAR 13-051, and Central Characterization Program (CCP) CAR-SRS-0001-13.
15	09/11/2014	Revised to be more user friendly as required by WF14-084, to include Standing Order CCP-SO-080 Revision 1 and to clarify contact-handled (CH) and remote-handled (RH) quality assurance objectives (QAOs).

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1.0 PURPOSE

Real-time radiography (RTR) inspection is used to identify prohibited items within a waste container and to estimate Waste Material Parameter (WMP) weights. The system is also used to verify that the physical form of the waste and currently assigned Waste Matrix Code (WMC) of the container are consistent with the Waste Stream Description as described in the Acceptable Knowledge (AK) Summary Report.

This procedure contains the requirements for the collection of data and the generation level review of data from the RTR process.

1.1 Scope

This procedure applies to non-destructive examination of S3000 homogeneous solids, S4000 soils/gravel and S5000 debris transuranic (TRU) waste streams. This procedure specifies instructions for performing nondestructive examination (NDE) of waste containers using a RTR system. It also specifies methods for documenting the examination results as required by CCP-PO-001, CCP *Transuranic Waste Characterization Quality Assurance Project Plan;* CCP-PO-002, *CCP Transuranic Waste Certification Plan;* DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*; and CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control (CCP RH-TRAMPAC)*.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*

Referenced Documents

- DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*
- CCP-PO-001*, CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-505, *CCP Remote-Handled Transuranic Waste Authorized Methods for Payload Control (CCP RH-TRAMPAC)*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, CCP *TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*

2.2 Training Requirements

2.2.1 Personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan,* prior to performing this procedure.

2.3 Equipment List

2.3.1 RTR system which normally consists of the following:

- an X-ray producing device
- an imaging system
- an enclosure for radiation protection
- a waste container handling system

- an audio/video recording system or equivalent
- an operator control and data acquisition station controls or an equivalent process which allow the operator to control image quality

2.3.2 Test Image Device

2.4 Software

2.4.1 RTR Data Sheet.xls

2.5 Precautions and Limitations

2.5.1 If this procedure CAN **NOT** be implemented as written, RTR personnel shall notify appropriate supervisors. If it is determined that a portion of the work CAN **NOT** be accomplished as described in this procedure, or would result in an undesirable situation, work shall be STOPPED. Work will **NOT** be resumed until this procedure is modified or replaced by a new document that reflects the current work practice.

2.5.2 Workers who will be working in a radiation area must have met the Host site requirements prior to entering the area.

2.5.3 Review the Job Hazards Analysis/Integrated Work Document.

2.6 Prerequisite Actions

2.6.1 None

2.7 Definitions

2.7.1 **Internal Container** – A container inside the outermost container examined during radiography or visual examination (VE). Drum liners, liner bags, plastic bags used for contamination control, capillary-type labware, and debris not designed to hold liquid at the time of original waste packaging are not internal containers.

2.7.2 **Observable Liquid** – Liquid that is observable using radiography or VE as specified in the Waste Isolation Pilot Plant (WIPP) Hazardous Waste Facility Permit.

3.0 RESPONSIBILITIES

3.1 RTR Operator

3.1.1 Operates the RTR system to determine the attributes of the waste content of a waste container.

3.1.2 Produces video/audio recorded media.

3.1.3 Completes the attachments as required by this procedure.

3.1.4 Performs the initial review of the data generated.

3.1.5 A second and independent qualified RTR Operator performs a Replicate Scan on one waste container. A Batch Data Report (BDR) completed in one calendar day shall contain a Replicate Scan. BDRs that span more than one day shall contain a unique Replicate Scan. In this context, independence means the individual did not perform, nor review the original work.

3.1.6 A second and independent qualified RTR Operator other than any RTR Operator involved in the original scan of the container selected performs an Independent Observation (IO) on a waste container, from a recorded media of the radiography. A BDR completed in one calendar day shall contain an IO. BDRs that span more than one day shall contain a unique IO.

3.1.7 Assembles the BDR.

3.2 Independent Technical Reviewer (ITR)

NOTE

While the Replicate Scan and independent Observation operator can be the same individual, the Independent Technical Reviewer (ITR) will be performed by a third independent qualified RTR Operator.

3.2.1 Reviews the Batch Data Report.

3.2.2 Completes Attachment 3, CCP Radiography Independent Technical Reviewer Checklist.

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4.0 PROCEDURE

RTR Operator

4.1 RTR System Startup

4.1.1 Startup the RTR system for operation in accordance with the appropriate Central Characterization Program (CCP) procedure.

4.2 Waste Container Preparation

4.2.1 Prepare the waste containers for examination in accordance with the appropriate Host site and/or CCP procedures.

4.3 Video/Audio Recorded Media System Startup/Image Test

NOTE

Video/audio recording of the RTR examination **MUST** be produced for all waste containers. The Image Test is performed once per day, and after system power loss.

Attachments are found on the CCP secure file transfer protocol (sftp) site.

4.3.1 Install the Image Test device as applicable.

4.3.2 Record the following on Attachment 1, CCP RTR Measurement Control Report:

[A] Site

[B] BDR Number

[C] Examination Date

4.3.3 Prepare the video/audio media recording systems for operation in accordance with the manufacturer's instructions.

[A] Ensure all video/audio media system components and monitors are powered on.

4.3.4 Perform a video/audio media recording system check as follows, **AND** record the results on Attachment 1:

[A] Perform the Image Test.

[A.1] **IF** the test image is correctly observed (Minimum acceptable is five lines-pair/centimeters [cm] or the #6 sieve is viewable),
THEN record the results of the test, **AND** mark SAT on Attachment 1.

[A.2] **IF** the test image is **NOT** correctly observed,
THEN record the results of the test **AND** mark UNSAT on Attachment 1, STOP WORK **AND** notify the Lead Operator (LO).

[B] Replay the video/audio recording media, **AND** verify the video/audio recorded media checks are satisfactory.

[B.1] **IF** the results of the video/audio recording media check are satisfactory,
THEN mark SAT on Attachment 1.

[B.2] **IF** the results of the video/audio recorded media checks are **NOT** satisfactory,
THEN record the results of the test **AND** mark UNSAT on Attachment 1, STOP WORK, **AND** notify the LO.

NOTE
Image Test device may be removed when it is conducive to operations.

4.3.5 Record comments if necessary.

4.3.6 Print, sign, and date Attachment 1.

4.3.7 Place Attachment 1 in holding file.

4.4 RTR System Operation

4.4.1 Waste Container Scanning

NOTE
Steps 4.4.2 and 4.4.3 occur alongside step 4.4, addressing the minimum required data entries. These steps may be used for reference during performance of 4.4.1.

[A] Obtain Waste Container Identification (ID) Number and weight (in Kg) by visual observation of the container.

[B] Load container(s) into unit in accordance with the appropriate CCP procedure.

[C] Enter the appropriate scan information (e.g., Container ID No., Date) on the video display.

[D] Start recording the examination scan.

[D.1] Manipulate the container and x-ray controls such that 100 percent of the container volume is examined.

[D.2] Record the results verbally **AND** on Attachment 2, CCP Radiography Data Sheet.

[E] Stop recording after examination of the container is complete.

[F] Ensure that the required entries for 4.4.2 are completed.

[G] Ensure the data has been evaluated for non-conformance as described in 4.4.3.

[H] Print Attachment 2 and review for completeness and accuracy.

[H.1] **IF** Attachment 2 appears satisfactorily completed, **THEN** sign the attachment **AND** place in holding file, **ELSE** perform [H.2].

[H.2] Make the required changes to the digital file, adding explanatory comments to the comments block in Section 5 of Attachment 2 as necessary, **THEN** repeat steps 4.4.1 [F] through [H].

[I] Repeat step 4.4.1 for all containers to be certified, loading additional containers as necessary and in accordance with the appropriate CCP procedure.

[I.1] **IF** the most recent container is the last container of the BDR, **THEN** proceed to 4.7.

4.4.2 Data Entry for Attachment 2, Sections 1 through 4

NOTE

The data required on Attachment 2 may be entered as the information becomes available to the operator, during both the loading and examination stages of operation.

[A] Ensure the following data are recorded or displayed in Section 1 of Attachment 2:

- Applicable type of RTR examination.
- Site ID.
- Batch Number.
- Examination Date.
- Waste Container ID.
- Ensure the Waste Container ID is correct at the top of Page 2 and Page 3 of Attachment 2.
- Video/Audio Recorded Media Identification.
- Procedure and Revision Number.
- Yes or No for nonconformance report (NCR) and if Yes, record the NCR number(s).

[B] Ensure the following data are recorded or displayed in Section 2 of Attachment 2.

- Container Type.
- Content (TRUCON) Code.
- Waste Matrix Code.
- Waste Stream ID.
- Gross Weight (Obtained from the CCP Container Traveler or in accordance with the Host site Interface Document).

- Tare Weight (Total Packaging Weight from Section 4: Packaging Material and Waste Material Parameters, of Attachment 2).
- Net Weight (subtract Tare Weight from Gross Weight).
- Check the appropriate Rigid Liner and Liner Vent Description boxes to accurately describe the packaging content of the container.
- Estimated number of Layers of Confinement.

NOTE
The fill percent of the container is to be recorded in five percent increments (e.g., 35%, 40%, 45%) and is based on the highest level of the bulk of the waste. Items (e.g., pipe, scrap angle, plastic bags) that protrude above the bulk of the waste are not to be included in the fill percent determination.

- Record the estimated Volume Utilization Percentage (VUP).

NOTE
Additional weight information for waste items and packaging commonly found in waste streams at each site may be provided with a controlled Operator Aid.

All fractional weights will be recorded to 1/10 of a kilogram (kg). Waste Material Parameters with no recorded items and the corresponding section weights may be left blank.

[C] Ensure that the itemized description of the waste inventory in the container in Section 3 of Attachment 2 is complete, accurate to the scan, and representative of the waste content of the container**.**

[D] Ensure that the estimated weight (kg) for, and brief description of, the packaging materials is recorded in Section 4 of Attachment 2.

[E] Ensure that the estimated weight for each utilized Waste Material Parameter is recorded in Section 4 of Attachment 2.

4.4.3 Evaluation of Nonconforming Conditions

NOTE

The potential exists for prohibited items to be present in the waste container based upon shapes seen in the image and the RTR Operator's knowledge of the waste stream. For example; if the AK for the waste stream DOES NOT indicate the presence of Polychlorinated Biphenyl (PCB) free light ballasts, and a ballast is present in the container, the RTR Operator will have reason to believe that PCBs are present.

Internal containers (e.g., bottles, cans, etc.) shall have no more than 60 milliliters or 3 percent by volume, whichever is greater, observable liquid AND in no case, shall the total observable liquid volume (i.e., the sum of all internal and/or outermost container volumes) exceed >1%.

[A] Using Table 1, Prohibited Items, as a reference, confirm there are **NO** prohibited items in the waste container.
IF any nonconforming/prohibited items are noted during the RTR examination,
THEN perform the following:

[A.1] Initiate an NCR in accordance with CCP-QP-005, CCP *TRU Nonconforming Item Reporting and Control*.

[A.2] Check yes and record the NCR number in Section 1 of Attachment 2.

[A.3] Check appropriate boxes in Section 5 of Attachment 2 to describe the non-conforming condition.

[A.4] Record NCR number in the comments block of Section 5 of Attachment 2.

NOTE

Potential hazardous wastes identifiable by radiography include:

- Batteries
- Circuit Boards (may be contained in electrical equipment)
- Cathode Ray Tube (CRT)-based computer monitors or televisions
- Lead
- Mercury, mercury containing equipment (e.g., barometers, switches, thermometers, thermostats)
- Light Bulbs (both incandescent and fluorescent)

[B] **IF** any hazardous waste(s) NOT identified in the AK Summary Report for the waste stream being characterized OR any nonconforming/prohibited items are noted during the RTR examination,
THEN perform the following:

[B.1] Initiate an NCR in accordance with CCP-QP-005.

[B.2] Check yes and record the NCR number in Section 1 of Attachment 2.

[B.3] Check appropriate boxes in Section 5 of Attachment 2 to describe the non-conforming condition.

[B.4] Record NCR number in the comments block of Section 5 of Attachment 2.

NOTE

The physical waste form requirements and waste stream descriptions for the waste stream being evaluated are found in the AK Summary Report. The AK Summary MUST be available in the work area and referenced as needed.

[C] **IF** the physical form of the waste DOES NOT match the Waste Stream Description and/or the Waste Matrix Code,
THEN perform the following:

[C.1] Initiate an NCR in accordance with CCP-QP-005.

[C.2] Check yes, and record the NCR number in Section 1 of Attachment 2.

[C.3] Check appropriate boxes in Section 5 of Attachment 2 to describe the non-conforming condition.

[C.4] Record NCR number in the comments block of Section 5 of Attachment 2.

[D] **IF** a container is identified in the S3000 or S4000 summary category group, **AND** RTR is NOT capable of penetrating the container so that any liquid present on the top, sides, or bottom of the waste form is identifiable,
THEN perform the following:

[D.1] Initiate an NCR in accordance with CCP-QP-005.

[D.2] Check yes, and record the NCR number in Section 1 of Attachment 2.

[D.3] Check appropriate boxes in Section 5 of Attachment 2 to describe the non-conforming condition.

[D.4] Record NCR number in the comments block of Section 5 of Attachment 2.

[E] **IF** a container is identified in the S5000 summary category group that CAN NOT be penetrated by the RTR method because of the presence of lead, or other shielding,
THEN perform the following:

[E.1] Initiate an NCR in accordance with CCP-QP-005.

[E.2] Check yes, and record the NCR number in Section 1 of Attachment 2.

[E.3] Check appropriate boxes in Section 5 of Attachment 2 to describe the non-conforming condition.

[E.4] Record NCR number in the comments block of Section 5 of Attachment 2.

4.5 Replicate Scan

NOTE

A BDR completed in one calendar day shall contain a Replicate Scan. BDRs that span over more than one day shall contain a unique Replicate Scan. The Replicate Scan is performed by a second and independent qualified RTR Operator who was not involved in the original scan of the waste container. The Replicate Scan will be performed under the same uniform conditions as a routine scan of a waste container in Section 4.4.

Second RTR Operator

4.5.1 Prior to reviewing the initial, Attachment 2, scan the replicate waste container per Section 4.4, **AND** record the results on a new Attachment 2.

4.5.2 Review the original Attachment 2, **AND** compare the results with the second Attachment 2.

4.5.3 Perform the following when identification of the waste matrix code, liquids in excess of Treatment, Storage, Disposal Facility (TSDF)-Waste Acceptance Criteria (WAC) limits, and compressed gases differ between the two operators:

[A] Reconcile the results with the initial RTR Operator as follows:

[A.1] Jointly perform a real-time review of the Attachment 2(s).

[A.2] Jointly review the video/audio recording media **OR** re-scan the container, **AND** make corrections, as required, to the Attachment 2(s).

[B] **IF** the results CAN **NOT** be reconciled, **THEN** STOP WORK **AND** notify the LO.

4.6 Independent Observations

NOTE

A BDR completed in one calendar day shall contain an IO. BDRs that span over more than one day shall contain a unique IO. The IO will be performed by a second and independent qualified RTR Operator who was not involved in the original scan of the waste container. The IO will be performed by observing the video recording of the original scan with no audio.

Second RTR Operator

4.6.1 Review the video/audio recording media of the original scan, **AND** complete a second Attachment 2.

4.6.2 Review the original Attachment 2 for the subject container, **AND** compare the results with the IO Attachment 2.

4.6.3 Perform the following when identification of the waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases differ between the two operators.

[A] Reconcile the results with the initial RTR Operator as follows:

[A.1] Jointly perform a real-time review of Attachment 2(s).

[A.2] Jointly review the video/audio recording media, **OR** re-scan the container, **AND** make corrections, as required, to the Attachment 2(s).

[B] **IF** the results CAN **NOT** be reconciled,
THEN STOP WORK **AND** notify the LO.

4.7 Batch Data Report Preparation

NOTE

Attachment 5, CCP Radiography Batch Data Report Cover Sheet may be filled out at any time after the batch is opened and the remaining data may be entered during the BDR assembly.

4.7.1 Assemble Attachment 2(s) for up to 20 waste containers (regardless of matrix) that have been processed from a single RTR unit.

4.7.2 Ensure the following is recorded or displayed on Attachment 5:

- Site ID
- BDR No.
- Contact-handled (CH) or remote-handled (RH) waste
- Date
- Waste Container ID Numbers
- Record which containers are by designation, Replicate Scan and Independent Observation

[A] Print, sign, and date

4.7.3 Ensure the following is recorded or displayed on Attachment 4, Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative:

- BDR No.
- Date
- Index of applicable pagination values
- Batch Narrative

[A] Print, sign, and date

4.7.4 Preparing primary and duplicate copies of recorded media

NOTE
Some RTR systems possess the capability to create MPEG encoded recorded media copies, which allow for the creation of a digital media file which is then subsequently "burned" to physical media. If the system in use provides this operational capacity, the operator may perform 4.7.4 at their discretion, or as physical media is filled to its maximum data capacity.

[A] Ensure, as necessary, media to be "finalized" contains the appropriate media files.

[B] Finalize recorded media.

[C] Label each video/audio media pair with the following information:

[C.1] Record the BDR Number

[C.2] A unique identifier (e.g., A/B, C/D…), where the second letter is applied to the duplicate media copy

[C.3] The date for which the corresponding Attachment 2's were generated

[C.4] Operator name

[C.5] **IF** additional recording media is required to complete a BDR,
THEN label the additional media with the BDR number followed by another unique identifier as described in step 4.7.4 [C.1] through [C.4].

4.7.5 Assemble the following data for the BDR:

[A] Attachment 5, CCP Radiography Batch Data Report Cover Sheet.

[B] Attachment 4, CCP Radiography Batch Data Report Table of Contents and Batch Narrative.

[C] Attachment 1, CCP RTR Measurement Control Report.

[D] All Attachment 2(s), CCP Radiography Data Sheet(s).

[E] Copy of NCRs, if applicable.

[F] Attachment 3, CCP Radiography Independent Technical Reviewer Checklist.

[G] Two copies of each Audio/Video Media.

4.7.6 Paginate the BDR

4.7.7 Forward the BDR package to the ITR at earliest convenience

4.8 RTR System Shutdown

4.8.1 Shutdown the RTR system in accordance with the appropriate CCP procedure.

4.9 Video/Audio Recording Media System Shutdown

4.9.1 Ensure all recording media have been finalized if necessary and removed from the recording components.

4.9.2 Ensure the video/audio media recording systems are turned off in accordance with the manufacturer's instructions.

4.10 RTR Independent Technical Review

NOTE

The independent technical review is conducted by a third and independent qualified RTR Operator who was not involved in the generation or recording of the data under review. The ITR CAN **NOT** review his/her own work.

Attachments are found on the CCP sftp site.

ITR

4.10.1 Review all attachments (Except attachment 3), and associated video/audio media recordings, **AND** resolve any comments with the RTR Operator(s).

4.10.2 Review the BDR to the criteria in the checklist of Attachment 3, **AND** document the results.

4.10.3 Print name, sign, and date Attachment 3 and Attachment 5 and any additional Attachments to be inserted in the BDR.

4.10.4 Insert completed Attachment 3 into the BDR.

4.10.5 Insert any additional attachments generated during ITR into the BDR.

4.10.6 Submit the BDR package to CCP Records in accordance with CCP-QP-008.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as QA records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] Batch Data Report (BDR):

[A.1] Attachment 1, CCP RTR Measurement Control Report

[A.2] Attachment 2, CCP Radiography Data Sheet

[A.3] Attachment 3, CCP Radiography Independent Technical Reviewer Checklist

[A.4] Attachment 4, CCP Radiography Batch Data Report Table of Contents and Batch Narrative

[A.5] Attachment 5, CCP Radiography Batch Data Report Cover Sheet

[A.6] Copies of NCRs, if applicable

5.1.2 QA/Non-permanent

[A] Two sets RTR media VHS or DVD

Table 1. Prohibited Items

LIST OF PROHIBITED ITEMS
Liquid waste - Observable liquid shall be no more than 1 percent by volume of the outermost container. - Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. - Containers with Hazardous Waste Number U134 assigned shall have no observable liquid.
Nonradioactive pyrophorics
Non-mixed hazardous waste
Incompatible wastes (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes).
Explosives
Compressed Gases/Pressurized containers (e.g., aerosol cans)
PCB liquids
Ignitables
Corrosives
Reactive waste
Sealed containers greater than 4 liters
Heat Sealed Bags (unvented) with surface area less than 390 square inches and greater than 4 liters, or heat sealed bags not authorized in the RH TRUCON Code.
Sharp or heavy objects, that could reasonably be expected to cause a breach of the container during transport because it is not adequately blocked, braced, or packaged.

Controlled
Copy

Table 2. Waste Material Parameters

Waste Material Parameter	Description
Iron-based metals/alloys (IM)	Iron and steel alloys in the waste; does not include the waste container materials
Aluminum-based metals/alloys (AM)	Aluminum or aluminum-based alloys in the waste materials
Other metals (OM)	All other metals found in the waste materials (e.g., lead, lead blankets)
Other inorganic materials (OI)	Nonmetallic inorganic waste, including concrete, glass, firebrick, ceramics, sand, and inorganic sorbents
Cellulosics (C)	Materials generally derived from high polymer plant carbohydrates (e.g., paper, cardboard, wood, cloth)
Rubber (R)	Natural or man-made elastic Latex materials (e.g., surgeon's gloves, leaded rubber gloves)
Plastics (waste materials) (XPM)	Generally man-made materials, often derived from petroleum feedstock (e.g., polyethylene, polyvinylchloride)
Organic matrix (OR)	Cemented organic resins, solidified organic liquids, and sludges
Inorganic matrix (IN)	Any homogeneous materials consisting of sludge, or aqueous-based liquids which are solidified with cement, calcium silicate, or other solidification agents (e.g., waste water treatment sludge, cemented aqueous liquids, and inorganic particulate)
Soils (S)	Generally consists of naturally occurring soils which have been contaminated with inorganic waste materials
Steel (packaging materials) (ST)	Steel Drums (55- and 85- Gallon)
Plastics (packaging materials) (PP)	90-mil polyethylene drum liner and plastic bags

Table 3. Waste Item Weights[a] Page 1 of 2

ITEM	WEIGHT
Electric Drill Motor	2.2 kg
Electric 4” Side Grinder	2.5 kg
Plastic bag for waste	0.6 kg
Fiber pack	13.0 kg
Fiber pack lead-lined	66.0 kg
Lead brick (5.1 x 10 x 20 cm)	12.0 kg
Leaded Rubber Glove	2.5 kg
Aluminum Sphincter Can	0.2 kg
Leaded Rubber Apron	2.4 kg
Vermiculite	0.1 kg/liter
Oil-Dry	0.4 kg/liter
Poly Bottles (1 gallon)	2.2 kg
Poly Bottles (1 liter)	0.5 kg
Metal Can (for salt wastes)	1.1 kg
Metal Can	0.2 kg
Uncured Portland Cement	2.9 kg/liter
Setup Portland Cement	1.1 kg/liter
High-Efficiency Particulate Air (HEPA) Filter (8 x 8 3-1/16)	1.0 kg
HEPA Filter (8 x 8 x 5-7/8)	1.9 kg
HEPA Filter (12 x 12 x 5-7/8)	2.5 kg
HEPA Filter (24 x 24 x 5- 7/8)	7.2 kg
HEPA Filter (24 x 24 x 11-1/2)	14.1 kg
10’ Tape Measure	0.1 kg
13 Oz. Aerosol Can ¼ Full	0.2 kg
17 Oz. Aerosol Can Full of Liquid	0.5 kg
17" Section of 1" Electrical Conduit	0.5 kg
17" Section of 1" Sch 40 S/s Pipe	1.1 kg
2-Gallon Car-boy ½ Full of Water	5.8 kg
2’ X 4’ Board 20" long	0.7 kg
25’ Plastic Suit Hose	2.3 kg
3" Roll of Duct Tape	0.7 kg
3" Roll of Masking Tape	0.4 kg
5-Gallon Metal Bucket	1.3 kg
50’ Plastic Suit Hose	5.0 kg
6-Gallon Car-boy ½ Full of Water	14.0 kg

Table 3. Waste Items Weights[a] (Continued) Page 2 of 2

ITEM	WEIGHT
Channel Lock Pliers	0.3 kg
Coveralls	0.9 kg
Crescent Wrench	0.2 kg
Empty 2-Gallon Car-boy	0.7 kg
Empty 6-Gallon Car-boy	2.0 kg
Flashlight with Batteries	0.5 kg
Flashlight Without Batteries	0.1 kg
Flat File	0.4 kg
Hacksaw with Blade	0.5 kg
Hammer	0.6 kg
Large Open End Wrench	0.5 kg
Plastic Suit Top and Pants	2.3 kg
Razor Knife	0.1 kg
Sand Bag ½ Full of Gravel	12.7 kg
Scissors	0.2 kg
Vice Grip Pliers	0.5 kg
Welder's Chipping Hammer	0.4 kg
Wire Brush	0.1 kg
Wooden Folding Ruler	0.2 kg
Wooden Wedge	0.2 kg
Liner Bags – Large	0.5 kg
Rad Bags – Medium and Small	0.1 kg

[a]The weights for waste packaging and containers will use the nominal values except where identified by the program. Additional Host site/AK specification weights for waste items shall be provided in accordance with an approved Operator Aid.

Table 4. Nominal Packaging Weights

ITEM	WEIGHT
55 Gallon drum	27.7 kg
55 gallon drum, Heavy Galvanized	30.0 kg
Baked on liner	6.4 kg
90mil Rigid Liner	6.4 kg
90mil Rigid Liner Lid	1.0 kg
Repackaging Rigid Liner (SRS)	4.9 kg
110mil Rigid Liner	6.5 kg
110 Rigid Liner Lid	1.0 kg
Fiberboard Liner	3.7 kg
Fiber Pack	2.7 kg
One trip drum (RL)	32.0 kg
Liner Bag 5mil	0.5 kg
Liner Bag 12mil	2.0 kg
SWB 10 mil Liner Bag (RL)	5.0 kg
Universal Polypropylene Pads (Rad Pads)	1.0 kg

Attachment 1 – CCP RTR Measurement Control Report

Site ID:		
Batch Data Report No.:		
Examination Date:		
Control Checks		
Image Test: _____ (Minimum acceptable is 5 lines-pair/cm or #6 Sieve is viewable)	☐ SAT	☐ UNSAT
Video/Audio Recorded Media System Check	☐ SAT	☐ UNSAT
Comments:		
RTR Operator:		
Printed Name	Signature	Date

Attachment 2 – CCP Radiography Data Sheet (Example)

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID:	
Batch Number:	
Examination Date:	
Waste Container ID:	
Video/Audio Recorded Media Number:	
Procedure and Revision No.:	Rev.
NCR(s) associated with the container? (e.g., Prohibited Items)	☐ NO ☐ YES NCR No.: _____ NCR No.:
Section 2: Waste Container Data	
Container Type:	
TRUCON Code:	
Waste Matrix Code:	
Waste Stream I.D.:	
Waste Container Weights:	Gross Wt.: _____ kg Tare Wt.: _____ kg Net Wt.: kg
Rigid Liner and Liner Vent Description:	Liner Present: ☐ NO ☐ YES Lid: ☐ NO ☐ YES Type: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐ 125-mil Vented: ☐ NO ☐ YES Fiberboard: ☐ NO ☐ YES
Number of Layers of Confinement:	
Volume Utilization Percentage:	

Attachment 2 – CCP Radiography Data Sheet (Example) (Continued)

Waste Container ID:

Section 3: Container Inventory and Comments (Detailed descriptions)
IM:
AM:
OM:
OI:
C:
R:
XPM:
OR:
IN:
S:

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	
Plastics (PP):	
Others:	
Total Packaging Weight	
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	

Attachment 2 – CCP Radiography Data Sheet (Example) (Continued)

Waste Container ID:

Section 5: RTR Summary (Questions answered "Yes" will be explained in the Comment block, except for Question 1)	
Is there observable liquid?	☐ Yes ☐ No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	☐ Yes ☐ No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	☐ Yes ☐ No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	☐ Yes ☐ No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐ Yes ☐ No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐ Yes ☐ No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	☐ Yes ☐ No
Is there an indication of wastes containing explosives or compressed gases?	☐ Yes ☐ No
Is there an indication of PCBs liquids?	☐ Yes ☐ No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐ Yes ☐ No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐ Yes ☐ No
CH or RH TRAMPAC	
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	☐ Yes ☐ No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐ Yes ☐ No
Are there sealed containers GREATER than 4 liters?	☐ Yes ☐ No
Are there indications of inadequate blocking or bracing for heavy and/or sharp objects?	☐ Yes ☐ No
Comments:	
RTR Operator: Print Name _____ Signature _____ Date _____	

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.:_____

Description			
1.	Were data generation and reduction conducted in a technically correct manner in accordance with the methods used?	□ NO	□ YES
2.	Was the correct revision of the procedure used? Procedure: Rev.:	□ NO	□ YES
3.	Are the WMPs entered correctly?	□ NO	□ YES
4.	Do the estimated weights in Section 4 of Attachment 2 equal the container gross weight?	□ NO	□ YES
5.	Is the data reported in the proper units with the correct number of significant figures (e.g., one tenth of a kilogram)?	□ NO	□ YES
6.	Was transcription used? If no, proceed to question 7.	□ NO	□ YES
	6a. Has the data been verified for transcription errors?	□ NO	□ YES
7.	Does the Testing Batch Report include radiography for up to 20 containers?	□ NO	□ YES
8.	Are BDR contents complete and do they match the CCP Waste RTR Batch Data Report Table of Contents?	□ NO	□ YES
9.	Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	□ NO	□ YES
10.	Is all data recorded clearly, legibly, and accurately?	□ NO	□ YES
11.	Have changes been made to original data? If no, proceed to question 12.	□ NO	□ YES
	11a. Have all changes to original data been lined out, initialed and dated by the individual making the changes?	□ NO	□ YES
	11b. Was justification made for changing the original data?	□ NO	□ YES
	11c. Were data changes made by the individual who originally collected the data?	□ NO	□ YES
12.	Does the waste match the Waste Matrix Code and Waste Stream description?	□ NO	□ YES
13.	Are the RTR Operator's decisions regarding the Radiography documented?	□ NO	□ YES
14.	Is there an adequate written description of the contents of each item?	□ NO	□ YES
15.	Was the video/audio recording media properly prepared and labeled for each waste container?	□ NO	□ YES
16.	Was the video/audio recording media check performed satisfactorily and recorded on Attachment 1?	□ NO	□ YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.:_____

Description		
17. Was the Image Test performed satisfactorily and recorded on Attachment 1?	□ NO	□ YES
18. Was the Replicate Scan performed and recorded on an Attachment 2?	□ NO	□ YES
19. Was the Replicate Scan RTR Operator different from the first RTR Operator?	□ NO	□ YES
20. Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	□ NO	□ YES
21. Was the Independent Observation performed and recorded on an Attachment 2?	□ NO	□ YES
22. Was the Independent Observation RTR Operator different from the first RTR Operator?	□ NO	□ YES
23. Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	□ NO	□ YES
24. Was the data collection performed by qualified individuals?	□ NO	□ YES
25. Were NCRs initiated as required at DGL? If no, proceed to question 26.	□ NO	□ YES
25a. Have the NCR(s) associated with RTR been included in the BDR?	□ NO	□ YES
26. Is the RTR examination for CH waste? If no, proceed to question 27.	□ NO	□ YES
26a. Have the CH Quality Assurance Objectives (QAOs) been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two radiography operators with regard to identification of the waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases through independent replicate scans and independent observations. Additionally, the precision of radiography is verified prior to use by tuning precisely enough to demonstrate compliance with QAOs through viewing an image test pattern. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify 100 percent of the items required to meet the DQOs for radiography specified in CCP-PO-001, Section C-4a(1) in a training container during their initial qualification and subsequent requalification. Completeness – A video and audio media recording of the radiography examination and a validated radiography data form will be obtained for 100 percent of the waste containers subject to radiography. All video and audio media recordings and radiography data forms will be subject to validation as indicated in CCP-PO-001, Section C3-4. Comparability – The comparability of radiography data from different operators shall be enhanced by using standardized radiography procedures and operator qualifications.	□ NO	□ YES

Attachment 3 – CCP Radiography Independent Technical Reviewer Checklist (Continued)

Batch Data Report No.:_____

Description		
27. Is the RTR examination for RH waste? If no, proceed to comment section.	□ NO	□ YES
27a. Have the RH QAOs been met (if applicable)? Precision – Precision is maintained by reconciling any discrepancies between two operators (during Independent Observation and Replicate scans) with regard to the identification of important waste characteristics (i.e., physical form of the waste and absence of prohibited liquids) within a single container. Accuracy – Accuracy is obtained by using a target to tune the image for maximum sharpness and by requiring operators to successfully identify prohibited liquid in a training container during their initial qualification and subsequent requalification. Representativeness – All of the relevant contents in a container selected for radiography will be described. Completeness – All of the relevant waste information must be assembled and must show that each of the containers in the waste stream belongs to the waste stream. This information must be documented on videotape or other equivalent media and data form. Comparability – Comparability is ensured by meeting the program training requirements and complying with the minimum standards used to implement the radiography process.	□ NO	□ YES

Comments:

I have reviewed 100% of the container specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Printed Name	Signature	Date

Attachment 4 – CCP Radiography Batch Data Report Table of Contents and Batch Narrative

Batch Data Report No.:_____ Date:_____

Table Of Contents		
Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	
2	CCP Radiography Batch Data Report Table Of Contents	
3	CCP RTR Measurement Control Report	
4	CCP Radiography Data Sheets	
5	Copy of NCRs (NA, If Not Applicable)	
6	CCP Independent Technical Reviewer Checklist	

Batch Narrative

RTR Operator _____ Signature _____ Date

Controlled
Copy

Attachment 5 – CCP Radiography Batch Data Report Cover Sheet

Site ID:_____

Batch Data Report No.:_____ ☐ CH ☐ RH _____ Date:_____

Waste Container ID Numbers	
Replicate Scan:	
Independent Observation:	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

RTR Operator:

Printed Name	Signature	Date

Independent Technical Reviewer:

Printed Name	Signature	Date

Controlled
Copy

CCP-TP-069

Revision 6

CCP
Sealed Source Visual Examination and Packaging

EFFECTIVE DATE: 06/06/2013

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	03/03/2005	Initial Issue.
1	04/05/2005	Revised to address Carlsbad Field Office (CBFO) Document Review Record (DRR) comments.
2	05/11/2005	Revised to address Carlsbad Field Office (CBFO) Document Review Record (DRR) adequacy review comments.
3	12/07/2005	Revised to add capability to package waste in containers other than pipe overpacks.
4	11/16/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR).
5	11/09/2010	Revised to clarify the specification of dunnage used in the payload area of a Standard Pipe Overpack Component (POC) and Standard 55-gallon drum, expand the weights in Attachment 2, Weights for Standardized OSRP POC Packaging Configurations, and includes other minor corrections.
6	06/06/2013	Revised to clarify Visual Examination (VE) process and paperwork.

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1.0 PURPOSE

The purpose of this procedure is to describe how to perform the Sealed Source Visual Examination (VE) Technique, identify sealed sources, package sealed sources, and prepare and review Batch Data Reports (BDRs) generated from the Sealed Source VE process.

This procedure is designed to be performed in conjunction with Los Alamos National Laboratory (LANL) Off-site Source Recovery Project (OSRP) operating procedures that address the recovery of sources. This procedure provides the actions for the collection of VE data and information required by CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan* and CCP-PO-002, CCP *Transuranic Waste Certification Plan*.

1.1 Scope

Sealed Source VE is performed to identify sealed sources and their weights, verify the physical form of the sealed sources, verify the absence of prohibited items, and confirm the waste stream based on acceptable knowledge (AK). The VE results are recorded on data forms associated with this procedure.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- *Waste Isolation Pilot Plant Hazardous Waste Facility Permit,* NM4890139088-TSDF, Attachment B*, Waste Analysis Plan* (WAP)
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
- NRC Docket 71-9218, *TRUPACT-II Safety Analysis Report*

Referenced Documents

- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*

- CCP-QP-008, *CCP Records Management*
- CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources*

2.2 Training Requirements

2.2.1 Personnel performing this procedure to characterize sealed sources will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan.*

2.3 Precautions and Limitations

2.3.1 Facility Requirements

[A] This procedure augments, but DOES **NOT** supersede applicable requirements of the facilities in which the activities are conducted.

[B] This procedure DOES **NOT** address radiological protection requirements. All activities described shall be conducted in accordance with work plans, procedures, or other process controls generated by the facility where the work is performed.

2.3.2 Safety Precautions

[A] If workers observe a hazardous condition while conducting work according to this procedure, they must discontinue work, notify their immediate supervisor, group leader or other management representative, and follow instructions in accordance with the OSRP procedures required by LANL.

2.3.3 Conditions Adverse to Quality

[A] If a worker identifies a nonconforming item or process, the individual(s) identifying the condition shall initiate a nonconformance report (NCR) in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*.

2.4 Prerequisite Actions

2.4.1 VE Operator, verify the torque wrench is calibrated.

2.5 Definitions

2.5.1 **Sealed Source** – Any radioactive material that is physically encased in a capsule, rod, element, etc. that prevents the leakage or escape of the special nuclear material and that prevents removal of the radioactive material without penetration of the casing.

2.5.2 **Regulatory Definitions**

[A] 10 Code of Federal Regulations (CFR) § 30.4: Sealed source means any byproduct material that is encased in a capsule designed to prevent leakage or escape of the byproduct material.

[B] 10 CFR § 835.2: Sealed radioactive source means a radioactive source manufactured, obtained, or retained for the purpose of utilizing the emitted radiation. The sealed radioactive source consists of a known or estimated quantity of radioactive material contained within a sealed capsule, sealed between layer(s) of non-radioactive material, or firmly fixed to a non-radioactive surface by electroplating or other means intended to prevent leakage or escape of the radioactive material. Sealed radioactive sources do not include reactor fuel elements, nuclear explosive devices, and radioisotope thermoelectric generators.

3.0 RESPONSIBILITIES

3.1 VE Expert

3.1.1 Responsible for overall direction and implementation of the VE Operations.

3.2 VE Operator

3.2.1 Performs VE operations as either the VE Packager or the VE Recorder.

3.2.2 Prepares and paginates the BDR.

3.3 VE Packager

- Visually inspects OSRP sealed sources.
- Places OSRP sealed sources into containers.
- Verifies entries made by the VE Recorder on Attachment 4, Container Packaging and Visual Examination Data Record.

3.4 VE Recorder

- Acts as the second VE Operator during VE, and placement of sealed sources into payload containers.
- Verifies the VE Packager's observations by reviewing the contents of the container to ensure correct reporting.
- Documents Sealed Source VE operation data on Attachment 4.

3.5 Independent Technical Reviewer (ITR)

NOTE

Independent Technical Reviewer (ITR) review is performed by a qualified individual other than the VE Operators who performed the initial work and who was not involved in the generation or recording of the data under review.

3.5.1 Reviews the BDR and completes Attachment 7, Visual Examination Independent Technical Reviewer Review Checklist.

3.5.2 Reconciles possible errors with VE Operator(s) as necessary.

3.6 Facility Records Custodian

3.6.1 Receives, process, and transmits the VE BDR in accordance with CCP-QP-008, *CCP Records Management*.

4.0 PROCEDURE

NOTE
The steps outlined in Section 4.1 DO **NOT** have to be performed in sequence to maintain worker doses as low as reasonably achievable (ALARA).

4.1 VE and Packaging of OSRP Sealed Sources

VE Operator

4.1.1 Enter the Container Identifier (on all applicable pages of Attachment 4), name of the VE Packager, and name of the VE Recorder.

4.1.2 Indicate the container configuration used on Attachment 4, Page 1.

4.1.3 Record the drum lid filter and Pipe Overpack Component (POC) filter information, if applicable, on Attachment 4, Page 1. If a POC is not used, then record NA in the applicable POC-related sections.

4.1.4 For all items being loaded into the container, visually examine and verify by checking the box using Attachment 4, Page 1:

- The sealed source(s) meets a regulatory definition.
- The outer casing is made of non-Volatile Organic Compound (VOC) bearing material.
- That each sealed source is, or is contained in, a rigid sealed container less than or equal to 4 liters in size.
- That the items match the waste stream description, the waste matrix code, and physical form/summary category group provided by AK.
- That there are no non-packaging items placed in the container other than the source(s).
- Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources.*
- If POC lid and body have visible serial numbers, ensure those serial numbers match. If POC body serial number is not visible, enter NA in Attachment 4, Page 1.

4.1.5 For each item being loaded into the container, visually examine and record the following information on Attachment 4, Page 2:

- Sealed Source Description and Identifier (i.e., item identifier and isotope[s]).
- The waste material parameter (WMP) category (Attachment 1, Waste Material Parameters [WMPs] and Descriptions). If more than one waste material parameter is associated with an item, use as many lines as needed. Sealed source WMP category is "OM" for other metal.

NOTE

Data are reported with the correct number of significant figures (one decimal place).

- Estimated item weight in grams.
- Any comments.
- Line through unused item boxes or enter "NA" in each unused item boxes.

4.1.6 Load source(s) into container.

4.1.7 Indicate by checking the appropriate box, if prohibited hazardous items or conditions are present or not present for each item on Attachment 4, Page 3.

4.1.8 Sum and record the estimated weights in kilograms for all items on Attachment 4, Page 2.

4.1.9 For standard pipe overpack (12" pipe component) or standard 55-gallon drum (no POC), if additional internal dunnage was used to center and secure the sources, record the estimated weight for dunnage, the description, and WMP on Attachment 4, Page 2. Choose "None" if no additional dunnage was used. For S100, S200A, S200B, and S300 containers choose "NA".

4.1.10 Record the container total weight for the packaging configuration from Attachment 2, Weights for Standardized OSRP Packaging Configurations, on Attachment 4, Page 2.

4.1.11 Record the total estimated weight of the loaded container.

4.1.12 Record the container percent full on Attachment 4, Page 2.

4.1.13 Enter sealed source waste matrix code S5100 on Attachment 4, Page 1.

4.1.14 **IF** a POC is **NOT** used,
THEN GO TO step4.1.21, **AND** record NA in the applicable POC-related sections of Attachment 4, Page 1.

4.1.15 Carefully align the POC lid and lower the lid onto the POC O-ring and flange (guide pins may be used).

4.1.16 After lid is in contact with O-ring and flange face, minimize any lateral or rotary movement of the lid across the mating flange face to avoid unseating O-ring from groove, or damaging the O-ring.

NOTE
If there is a problem threading the bolt, the appropriate tap in the instrument kit will be used to clean out the threads.

4.1.17 Insert bolts into all lid bolt holes and snug bolts by hand, speed wrench, or a low speed, low torque driver to facilitate initial installation of all bolts.

4.1.18 Using a cross pattern sequence as indicated in the diagram in Attachment 3, POC Assembly Top View Cross-Pattern Torque Sequence, torque all POC bolts using a calibrated torque wrench.

[A] Torque the 12” POC to 65 ft-lb (± 5 ft-lb)

[B] Torque the 6” POC to 40 ft-lb (±4 ft-lb)

4.1.19 Re-torque each closure bolts using a circular bolt to bolt torquing sequence, ensure all bolts are properly torqued.

4.1.20 Record torque value, torque wrench identification number, and calibration due date in POC Bolt Torque section of Attachment 4, Page 1.

4.1.21 **IF** any plastic liner bags are used,
THEN CLOSE them using a “horsetail” or “twist and tape” method.

4.1.22 Replace the packing materials as follows:

[A] Replace fiberboard packing top (i.e., lid) matching pipe bolt heads, hoist ring, and filter with cutouts in fiberboard top.

[B] Install spacer(s) on top of fiberboard liner top, if applicable.

[C] Install rigid liner lid.

[D] Ensure the vertical distance between the bottom of the rigid liner lid (i.e., inner surface) and the upper surface (i.e., the top) of the top fiberboard shim is less than or equal to 0.5 inches.

[D.1] **IF** the distance exceeds 0.5 inches,
THEN remove the rigid liner lid, **AND** add a sufficient number of shims to bring the distance within range.

4.1.23 CLOSE the drum as follows:

[A] Install drum lid.

[B] Install closure ring as follows:

[B.1] Orient bolt closure ends downward and over the drum seam.

[B.2] Ensure that ring is properly seated on drum.

[C] Ensure that drum closure bolt is positioned through the unthreaded drum closure ring lug and that the locking nut is positioned between the two ring lugs.

[D] Thread drum closure bolt through the threaded drum closure ring lug.

[E] Lightly tighten drum closure bolt, ensuring that locking nut continues to turn freely.

[E.1] **IF** there is a problem threading the bolt,
THEN use the appropriate tap to clean out the threads.

[F] Torque the drum closure bolt as specified in the drum manufacture's closure instructions using a calibrated torque wrench, while tapping around circumference of drum closure ring with a soft-headed hammer or equivalent tool.

NOTE
For example, Myers Drums may be torqued to 40ft-lbs (± 4ft-lb) whereas Skolink drums may be torqued to 55 ft-lbs (± 5 ft-lb).

[G] Ensure that ends of drum ring DO **NOT** contact each other.

[H] Record torque value, torque wrench identification number, and calibration due date in Closure Ring Torque section of Attachment 4, Page 1.

[I] Tighten the lock nut against the unthreaded drum closure ring lug.

[I.1] **IF** lock nut cannot be tightened against unthreaded drum closure ring lug,
THEN tighten lock nut against threaded drum closure ring lug.

[J] Apply Tamper Indication Device (TID) to drum.

4.1.24 Both VE Operators (the VE Packager and the VE Recorder), shall review information recorded, include comments as appropriate, **AND** print name, sign, and date the appropriate lines on Attachment 4, Page 3.

4.2 VE BDR Preparation

VE Operator

4.2.1 Assemble the VE BDR using the following forms, as needed:

- Visual Examination Batch Data Report Cover Page (Attachment 5)
- Visual Examination Batch Data Report Table of Contents (Attachment 6)
- Independent Technical Reviewer Review Checklist (Attachment 7)
- Container Packaging and Visual Examination Data Record (Attachment 4)
- Weights for Standardized OSRP POC Packaging Configurations (Attachment 2)
- List of Acceptable Knowledge Identifier(s) (Documentation and/or Source Markings)
- List of Sources in Special Form Capsules
- Copy of Radiological Contamination Surveys
- List of Special Form Documentation

- Copy of NCRs, if applicable
- Other information, if applicable

4.2.2 Assign a unique BDR tracking number using the format LAyy-OSR-VE-nnn, where yy are the last two numbers of the current year (e.g., 13 for 2013) and nnn is a sequential number starting at 001 for the first BDR of each year, **AND** record on Attachment 5, and other attachments, as applicable.

4.2.3 Record the waste stream name and number and the Container Type on Attachment 5.

4.2.4 Record the container identification numbers for each container included in the VE BDR on Attachment 5.

NOTE

Attachment 6 and pagination will **NOT** be completed until the data generation level reviews are complete.

4.2.5 Provide the VE BDR to the VE ITR.

4.3 VE Independent Technical Review

NOTE

VE ITR review is performed by a qualified individual other than the VE Operators who performed the initial work.

4.3.1 Complete the review checklist, by checking the appropriate box, Yes, No, or NA, for each item on Attachment 7, **AND** print name, sign, and date Attachment 7 for the VE BDR.

4.3.2 Reconcile possible errors with VE Operator(s) as needed to ensure precision is maintained.

4.3.3 Accept the VE BDR by printing name, signing, and dating Attachment 5.

4.3.4 Return the VE BDR to a VE Operator for pagination.

4.4 VE BDR Submittal

4.4.1 Paginate the VE BDR.

4.4.2 Complete Attachment 6.

4.4.3 Submit the completed VE BDR to the Facility Records Custodian.

Facility Records Custodian

4.4.4 Receive, process, and transmit all records in accordance with CCP-QP-008.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as Quality Assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] VE BDR

[A.1] Attachment 5 – Visual Examination Batch Data Report Cover Page

[A.2] Attachment 6 – Visual Examination Batch Data Report Table of Contents

[A.3] Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

[A.4] Attachment 4 – Container Packaging and Visual Examination Data Record

[A.5] Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

[A.6] List of Acceptable Knowledge Documentation Identifier(s)

[A.7] List of Sources in Special Form Capsules

[A.8] Copy of Radiological Contamination Surveys

[A.9] List of Special Form Documentation

[A.10] Copy of NCRs, if applicable

[A.11] Other information, if applicable

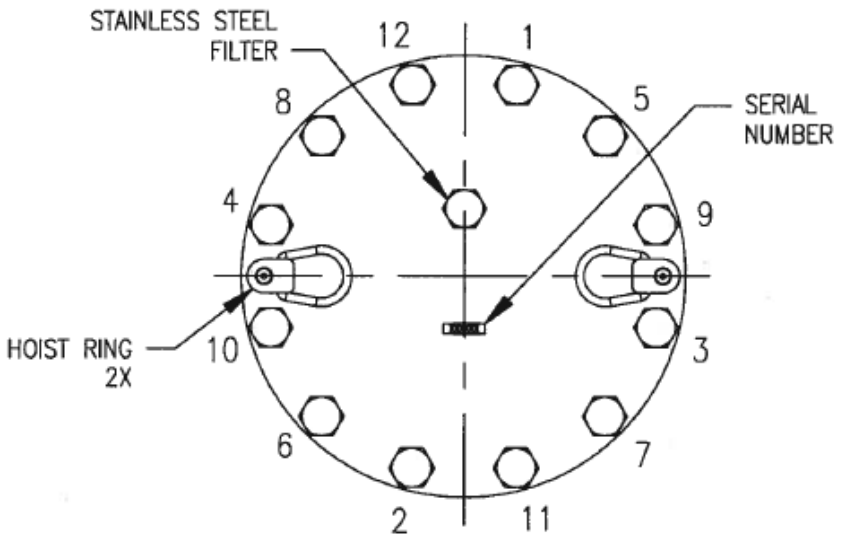
Attachment 1 – Waste Material Parameters (WMPs) and Descriptions

Waste Material Parameter (WMP)	Acronym	Description
Iron-based metals/alloys	IM	Iron and steel alloys in the waste; does not include the container materials
Aluminum-based metals/alloys	AM	Aluminum or aluminum-based alloys in the waste materials
Other metals	OM	All other metals found in the waste materials
Other inorganic materials	OI	Nonmetallic inorganic waste including concrete, glass, firebrick, ceramics, sand, and inorganic sorbents
Cellulosics	C	Materials generally derived from high-polymer plant carbohydrates; (e.g., paper, cardboard, wood, and cloth)
Rubber	R	Natural or man-made elastic latex materials; (e.g., surgeons' gloves, and leaded rubber gloves)
Plastics (waste materials)	PW	Generally man-made materials, often derived from petroleum feedstock; (e.g., polyethylene and polyvinylchloride)
Organic matrix	OR	Cemented organic resins, solidified organic liquids and sludges
Inorganic matrix	IN	Any homogeneous materials consisting of sludge or aqueous-based liquids that are solidified with cement, calcium silicate, or other solidification agents; (e.g., wastewater treatment sludge, cemented aqueous liquids, and inorganic particulates)
Soils/gravel	S	Generally consists of naturally occurring soils that have been contaminated with inorganic waste materials
Steel (packaging materials)	ST	55-gal (208-L) drums
Plastics (packaging materials)	PP	110-mil polyethylene drum liner and plastic bags

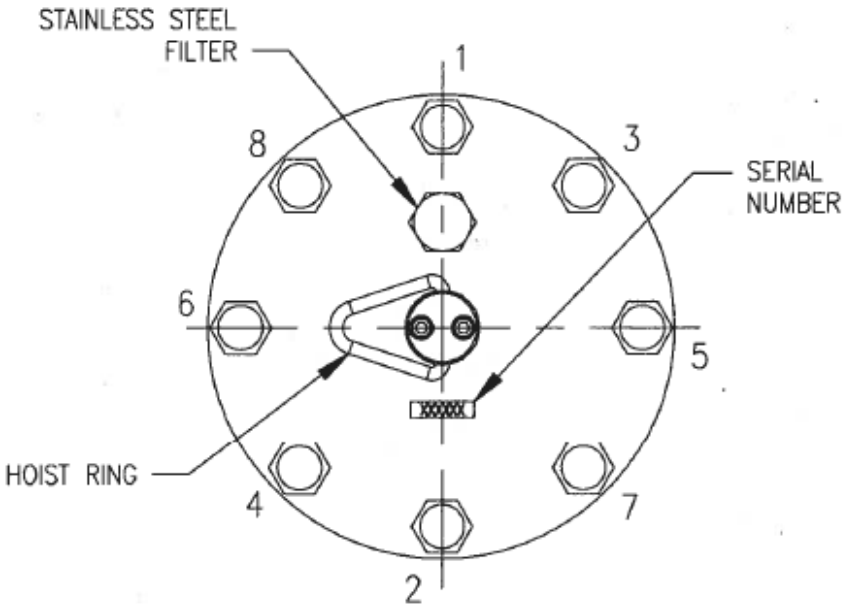
Attachment 2 – Weights for Standardized OSRP POC Packaging Configurations

Component		Estimated Component(s) Weight (kg)						
	WMP	Std. 55-gallon drum	Std. Pipe Overpack (12" pipe component)	S100 (6" pipe component plus end shield plugs and sleeve)	S200-A (12" pipe component plus 1" thick shielding insert)	S200-B (12" pipe component plus 0.6" thick shielding insert)	S300 (12" pipe component)
Std. 55-gallon drum	ST	27.7	27.7	27.7	27.7	27.7	27.7
Pipe component	ST	NA	82.0	39.2	82.0	82.0	82.0
110 mil rigid liner and liner lid with 7/8 inch hole	PP	NA	7.6	7.6	7.6	7.6	7.6
Outer cane fiberboard	C	NA	35.1	8.2	35.1	35.1	35.1
Internal POC insert (shield insert body and lid)	PP	NA	NA	9.9	NA	NA	39.2
	OM	NA	NA	NA	79.7	70.3	NA
Shield insert dunnage (Neutron Shielding, Water-Extended Polymer or equivalent)	PP	NA	NA	126.6	8.1	6.8	NA
TOTALS (kg)		27.7	152.4	219.2	240.2	229.5	191.6

Attachment 3 – POC Assembly Top View Cross-Pattern Torque Sequences



12 IN. PIPE
BOLT TORQUE SEQUENCE DIAGRAM
CROSS–PATTERN



6 IN. PIPE
BOLT TORQUE SEQUENCE DIAGRAM
CROSS–PATTERN

Attachment 4 – Container Packaging and Visual Examination Data Record

BDR #_____ Page 1 of 3

Container Identifier	
Printed name of VE Packager	
Printed name of VE Recorder	

Step	Requirement
1	Indicate the container configuration used (refer to Attachment 2 for configuration types. *(check one)*: ___ Standard Pipe Overpack (12" pipe component) ___ S100 ___ S200 A ___ S200 B ___ S300 ___ Standard 55-gallon drum (no POC)
2	• Drum lid filter model: _____ • Drum lid filter serial number: _____ • Drum lid filter manufacture date: _____ • POC lid filter model: _____ • POC lid filter serial number: _____ • POC lid filter manufacture date: _____
3	Verify based on VE: Verified • The item(s) meet a sealed source regulatory definition. Yes☐ No☐ • The outer casing is made of non-VOC bearing material, as the sources are placed in the container Yes☐ No☐ • That each sealed source/item is, or is contained in, a rigid sealed container less than or equal to 4 liters in size. Yes☐ No☐ • That the items match the waste stream description, the waste matrix code, physical form/summary category group provided by AK. Yes☐ No☐ • That there are no non-packaging items placed in the container other than the source(s). Yes☐ No☐ • Layers of confinement do not exceed those specified in CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources* Yes☐ No☐ • If POC lid and body have visible serial numbers, ensure the serial numbers match Yes☐ No☐ NA ☐
4	Enter the Waste Matrix Code for the sealed sources, based on VE: _____
5	POC Bolt Torque • POC bolts tightened to _____ft-lbs • Torque Wrench ID # _____ • Calibration due date of torque wrench _____
6	Closure Ring Torque • Drum ring bolts tightened to _____ ft-lbs • Torque Wrench ID # _____ • Calibration due date of torque wrench _____

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR #_____ Page 2 of 3

Container Identifier

Record or verify the requested information for each sealed source as it is loaded into the container.

Item #	Sealed Source Description and Identifier	WMP*	Estimated Weight (indicate grams)	Comments (if any)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Total estimated weight (kg) for each WMP listed for above items.	kg		
Total estimated weight, description, and WMP for dunnage used within the payload area of the Standard POC or Standard 55-gallon durm, if any.	NA ☐ None ☐ kg	Description	WMP
Total estimated weight for packaging configuration (using appropriate drum weight from Attachment 2).	kg		
Total estimated weight (kg) for loaded container.	kg		
Container percent full.	%		

If the list of items is continued on additional pages, attach and number added pages appropriately.* WMP categories are listed in Attachment 1 of CCP-TP-069; WMP should be OM for OSRP sealed sources. If a source is comprised of mixed WMPs, each WMP will be entered on a separate line.
† Conversion factors: 0.002205 pounds per gram; 453.59 grams per pound

Attachment 4 – Container Packaging and Visual Examination Data Record (Continued)

BDR #_____ Page 3 of 3

Container Identifier

Present	Not Present	Prohibited Hazardous Items or Conditions
☐	☐	1. Liquid waste. Observable liquid shall be no more than 1 percent by volume of the outermost container at the time of radiography or visual examination. Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. Containers with HWN U134 shall have no observable liquid.
☐	☐	2. Non-radionuclide pyrophoric material.
☐	☐	3. Hazardous waste not occurring as co-contaminates with TRU mixed wastes.
☐	☐	4. Waste incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, or other wastes.
☐	☐	5. Explosives.
☐	☐	6. Compressed gas or potentially pressurized containers.
☐	☐	7. Wastes with Polychlorinated Biphenyl (PCB) compounds not authorized under an EPA PCB Waste Disposal Authorization.
☐	☐	8. Wastes exhibiting the characteristic of ignitability.
☐	☐	9. Wastes exhibiting the characteristic of reactivity.
☐	☐	10. Wastes exhibiting the characteristic of corrosivity.
☐	☐	11. Radioactive pyrophorics greater than or equal to 1% by weight of the container that have not been rendered nonreactive.
☐	☐	12. Inadequately blocked or braced sharp or heavy items.
☐	☐	13. Sealed containers greater than 4 liters.

Comments, including the identifiers of any relevant NCRs.

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

_____ _____ _____
Printed Name VE Packager Signature Date

I certify that I have visually examined each item loaded into this container, and that the above information is correct. I also verify that no items other than those listed on this form have been placed into this container.

_____ _____ _____
Printed Name VE Recorder Signature Date

Attachment 5 – Visual Examination Batch Data Report Cover Page

VE BDR Number:	
Waste stream number:	Container Type:

Container Identifiers included in this VE BDR			
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

VE Independent Technical Reviewer

_____	_____	_____
(Printed Name)	(Signature)	(Date)

Attachment 6 – Visual Examination Batch Data Report Table of Contents

VE BDR _____

Table of Contents		
Item	Description	Page No.
1	Visual Examination Batch Data Report Cover Page (Attachment 5)	
2	Visual Examination Batch Data Report Table of Contents (Attachment 6)	
3	Visual Examination Independent Technical Reviewer Review Checklist (Attachment 7)	
4	Container Packaging and Visual Examination Data Record(s) (Attachment 4)	
5	Weights for Standardized OSRP Packaging Configurations (Attachment 2)	
6	List of Acceptable Knowledge Documentation Identifier	
7	List of Sources in Special Form Capsules	
8	Copy of Radiological Contamination Surveys	
9	List of Special Form Documentation	
10	Copy of NCRs, if applicable	
11	Other information (if any; otherwise enter NA for page number)	

Attachment 7 – Visual Examination Independent Technical Reviewer Review Checklist

VE BDR _____

This review verifies that all quality assurance and quality control requirements are met at the data generation level as stated in this procedure.

Criteria Met?	Required Criterion
☐**Yes** ☐**No**	1. The correct revision of CCP-TP-069 was used? Note revision number, R____.
☐**Yes** ☐**No** ☐**NA**	2. Deviations, if any, have been documented. (Choose NA if there were no deviations.)
☐**Yes** ☐**No**	3. The weight data were reported in the correct units. (Note: Total weight must be reported in kilograms (Kg) and the weights of individual sealed sources are reported in grams.) Data are reported with the correct number of significant figures (one decimal place).
☐**Yes** ☐**No**	4. The WMPs identified during VE are consistent with those assigned to these materials based on AK.
☐**Yes** ☐**No**	5. The Waste Matrix Code is consistent with the AK.
☐**Yes** ☐**No**	6. Data generation and reduction were conducted in a technically correct manner in accordance with CCP-TP-069**,** as evidenced by checks of items 1-5.
☐**Yes** ☐**No**	7. Calibration data for torque wrenches are recorded and within the calibration period.
☐**Yes** ☐**No**	8. Calculations have been verified by 100% check of all hand calculations. • Sum or waste material parameter weights • Estimated POC or waste weight
☐**Yes** ☐**No**	9. The data were reviewed for transcription errors and the data recorded is legible, accurate, and include any identifier numbers.
☐**Yes** ☐**No**	10. The forms in the VE BDR are complete and match the Table of Contents (Attachment 6).
☐**Yes** ☐**No** ☐**NA**	11. All NCRs relevant to the packaging of the loaded sealed sources were initiated and entered on the VE BDR. (Choose NA if there were no NCRs.)
☐**Yes** ☐**No**	12. Precision: Precision maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases? (Enter Yes if there were no unresolved discrepancies.)
☐**Yes** ☐**No**	13. Accuracy and Comparability: Accuracy maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification and subsequent requalification (e.g. operators on LOQI)?
☐**Yes** ☐**No**	14. Completeness: There is a completed VE data form for each waste container in the BDR?
Comments, if "No" is checked for any criterion above:	

Independent Technical Review conducted by:

VE Independent Technical Reviewer (Printed Name)	(Signature)	(Date)

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CCP-TP-101

Revision 7

CCP
Off-Site Source
Recovery Project
Sealed Source
Radiological Characterization

EFFECTIVE DATE: 08/13/2013

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

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RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	03/17/2005	Initial issue.
1	06/09/2005	Incorporated Carlsbad Field Office (CBFO) Document Review Record (DRR) adequacy review comments.
2	11/16/2006	Revised to implement changes to the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/RH PMR.
3	03/15/2007	Revised to remove verification that Technical Supervisor Checklist and Facility Quality Assurance Office Review Checklist is included in the Batch Data Report (BDR) from Attachment 4, Radiological Characterization Independent Technical Reviewer Review Checklist.
4	11/02/2007	Revised to add the file naming and saving steps. Inserted Cs-137 characterization methodology for Am-241/Be/Cs-137 combination sources. Added requirement to comment in the Notes section of the version of Windows® and Access® and if combination sources are being characterized.
5	08/23/2012	Changed the verification of drums on the AK Tracking Spreadsheet (AKTSS) to an Independent Technical Reviewer (ITR) responsibility.
6	06/06/2013	Revised to incorporate changes to improve process efficiency per recommendations identified in CCP-MA-0005-12.
7	08/13/2013	Revised in response to CAR-LANL-0003-13 and made editorial corrections as needed.

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1.0 PURPOSE

This procedure addresses the characterization of defense-related transuranic (TRU) sealed sources recovered by the Los Alamos National Laboratory (LANL) Off-Site Source Recovery Project (OSRP) for disposal at the Waste Isolation Pilot Plant (WIPP). Due to sealed source construction and packaging in special form capsules and pipe components for transportation, the use of WIPP-approved nondestructive assay (NDA) techniques for determining the radionuclide content of waste packages is unreliable and ineffective. As a result, the contents of the waste containers are characterized using acceptable knowledge (AK) documentation and calculations in lieu of NDA. The types of AK documentation used for model input have been deemed adequate by a peer review panel in accordance with NUREG-1297, *Peer Review for High Level Waste Repositories.*

1.1 Scope

This procedure documents the radiological characterization methodology for complying with the requirements outlined in CCP-PO-002, *CCP Transuranic Waste Certification Plan*. It describes the use of AK documentation in combination with computer software to determine the radionuclide content of containers.

Personnel following this procedure will generate a Container Characterization Report (CCR) (see Attachment 1, Container Characterization Report for an example and a Radiological Characterization (RC) Batch Data Report (BDR). This procedure also provides for data generation level review and verification.

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2.0 REQUIREMENTS

2.1 References

Baseline Documents

- *Characterization Database User Documentation v. 1.0, R. Berg (3/2005)*
- *Sealed Sources Peer Review Report*, *H Evans et al. (12/5/2003)*
- CCP-AK-LANL-008, *Central Characterization Program Acceptable Knowledge Summary Report For Los Alamos National Laboratory Off-Site Source Recovery Project Sealed Sources Waste Streams: LA-OS-00-01.001, LA-OS-00-03, and LA-OS-00-04*
- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*

Referenced Documents

- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-QP-022, *CCP Software Quality Assurance Plan*
- CCP-TP-005, *CCP Acceptable Knowledge Documentation*
- CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging*
- NUREG-1297, *Peer Review for High Level Waste Repositories*

2.2 Training Requirements

2.2.1 Personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan,* prior to performing this procedure.

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2.3 Software List

2.3.1 OSRCharacterizationDatabase.mdb

2.4 Precautions and Limitations

2.4.1 Facility Requirements

[A] This procedure augments, but does not supersede, applicable requirements of the LANL facilities where the activities are conducted.

2.4.2 Conditions Adverse to Quality

[A] If workers identify a condition that will or could potentially result in the work producing results of unacceptable quality for WIPP-related activities, they must discontinue work, notify their immediate supervisor, group leader or other management representative, and follow instructions in accordance with LANL procedures.

[B] If a worker identifies a nonconforming item or process, the individual(s) identifying the condition shall initiate a nonconformance report (NCR) in accordance with CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*.

2.5 Definitions

2.5.1 **Sealed source** – Any radioactive material that is physically encased in a capsule, rod, element, etc. that prevents the leakage or escape of the radioactive material and that prevents its removal without penetration of the casing.

2.5.2 **Regulatory Definitions**

[A] 10 Code of Federal Regulations (CFR) 30.4: Sealed source means any byproduct material that is encased in a capsule designed to prevent leakage or escape of byproduct material.

[B] 10 CFR 835.2: Sealed radioactive source means a radioactive source manufactured, obtained, or retained for the purpose of utilizing the emitted radiation. The sealed radioactive source consists of a known or estimated quantity

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of radioactive material contained within a sealed capsule, sealed between layers of non-radioactive surface by electroplating or other means intended to prevent leakage or escape of the radioactive material. Sealed radioactive sources do not include reactor fuel elements, nuclear explosion devices, and radioisotope thermoelectric generators.

2.5.3 **Sufficient AK** – Documentation that includes at least one of the following sources that specify the primary radionuclide, appropriate activity or gram content (i.e., isotopic for Americium [Am]-241 and Plutonium [Pu]-238 and elemental for Pu-239), and manufacture date. Some examples of documents that may be used for this information include but are not limited to the following:

- Nuclear Materials Management and Safeguards System (NMMSS)
- Source certificates issued by the source manufacturer or distributor
- Fabrication documents including purchase orders specific to the materials or sources being recovered
- Source shipping records and leak test certificates produced by the source manufacturer or distributor, including DOE/NRC Form 741 “Nuclear Material Transaction Report” and transfer of ownership or custody documents.

Alternatively, a combination of other documents that provide either the primary radionuclide content or activity/gram content and/or manufacturing dates when available, can be used. These documents include, but are not limited to:

- Source Markings which are physical markings on the outer casing of the source that include information (e.g., isotope, activity, model number, manufacture date). Name plates or labels from the device/housing where the source was housed are also considered markings.
- U.S. Nuclear Regulatory Commission (NRC) Radioactive Sealed Sources and Devices Registry
- Manufacturer’s or distributor’s sales catalogues

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- Manufacturer's or distributor's source drawings
- Unique physical description including dimensions attributed to a specific source model
- Other Acceptable Information include:
    - NRC, agreement state, or foreign regulatory agency's licensing information or inspection reports.
    - Source manufacturer's or distributor's databases including inventories, logbooks and engraving records.
    - Specific source information provided by source manufacturers.
    - Special form documentation issued by the U.S. Department of Transportation or other competent authorities.

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3.0 RESPONSIBILITIES

3.1 First Radiological Characterization (RC) Operator

3.1.1 Compiles and maintains AK source documentation received from visual examination (VE) operators, with radiological information on sources to be characterized. Provides recovery information to the Acceptable Knowledge Expert (AKE) to add the container to AK Tracking Spreadsheet (AKTSS).

3.1.2 Uses the Off-Site Source Recovery (OSR) Characterization database to characterize containers, generating a CCR, Container Characterization Report, see Attachment 1a, Total Container Content with Uncertainty Applied for an example, and see Attachment 1b, Container Characterization Report - Decay Corrected Data for an example.

3.1.3 Reviews CCRs to ensure that Fissile Gram Equivalent (FGE), decay heat (W), and Plutonium-Equivalent Curie (PE-Ci) limits are **NOT** exceeded and that TRU alpha activity concentration exceeds 100 nanocuries per gram (nCi/g).

3.1.4 Initiates Attachment 2, Radiological Characterization Batch Data Report Cover Sheet and Attachment 3, Radiological Characterization Batch Data Report Table of Contents

3.1.5 Assembles Radiological Characterization BDR including Attachment 2, 3, and Attachment 4, Radiological Characterization Independent Technical Reviewer Review Checklist and submits the BDR for required reviews.

3.2 Second Radiological Characterization (RC) Operator

3.2.1 Verifies Sufficient AK as defined in Section 2.5.3.

3.2.2 Verifies data accuracy for CCRs completed by First Radiological Characterization Operator.

3.2.3 Reviews CCRs to ensure that FGE, decay heat (W), and PE-Ci limits are **NOT** exceeded and that TRU alpha activity concentration exceeds 100 nCi/g.

3.3 Independent Technical Reviewer (ITR)

3.3.1 Ensures containers are listed on the AKTSS.

3.3.2 Ensures defense determination is listed in appropriate column of AKTSS.

3.3.3 Reviews the RC BDR in accordance with this procedure, **AND** completes Attachment 4.

3.3.4 Reviews CCRs to ensure that FGE, decay heat (W), and PE-Ci limits are **NOT** exceeded and that TRU alpha activity concentration exceeds 100 nCi/g.

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4.0 PROCEDURE

NOTE

The RC operators and reviewers are responsible for preparing and submitting NCRs, as necessary.

4.1 First Radiological Characterization (RC) Operator

NOTE

If sufficient AK CAN **NOT** be collected, the container will **NOT** be offered for WIPP disposal.

4.1.1 Verify that sufficient AK has been collected for radiological characterization, as defined in Section 2.5.3.

4.1.2 Verify consistency between multiple AK documents.

[A] **IF** discrepancies between AK documents are identified,
THEN resolve the issue with the data Generator.
IF discrepancies remain,
THEN contact the Central Characterization Program (CCP) AKE to resolve discrepancies in accordance with CCP-TP-005, *CCP Acceptable Knowledge Documentation.*

NOTE

The Characterization database performs all calculations. The RC operator performs only required data entry.

4.1.3 Use the Characterization database to determine the radiological content of a container as follows:

[A] Open the OSR characterization database [OSRCharacterizationDatabase.mdb].

[B] Click on the “Characterization” menu button.

[C] Enter your first and last name.

[D] Enter a container number and click the “Add Container” button.

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[E] In the notes section indicate the version of Windows® and Microsoft Access® used and the computer serial number. Example, for non-combi sources:

"Run with Microsoft Windows XP Professional Version 2002 Service Pack 2 and Microsoft Access 2003 on computer SN1165161."

Example, for combi sources must indicate the number of combination sources and the total activity of Cs137:

"Run with Microsoft Windows XP Professional version 2002 Service Pack 2 and Microsoft Access 2003 on computer SN 1165161; This drum contains 11 combi sources Am-241/Cs-137, with a total of 0.1 Curies (Ci) Cs-137activity."

NOTE

The last day of the current month will be the default date displayed as the "Run Date," which is the characterization date. This run date has no impact on signatures and dates added by any Radiological Characterization (RC) operators or Independent Technical Reviewer (ITR).

[F] Confirm weights against Container Packaging and VE Data Records generated in CCP-TP-069, *CCP Sealed Source Visual Examination and Packaging*.

[F.1] **IF** the sources are packaged in a special form capsule (SFC),
THEN enter the SFC weight in grams in the "WEIGHT of SFCs (including sources)" field.

[F.2] **IF** the sources are NOT packaged in an SFC,
THEN enter and/or verify the weight in grams for each source in the "Weight of Sources NOT in SFC's" field.

[G] **IF** both the Curies (Ci) and elemental grams (Grams E) are listed,
THEN click the "Clear Curie" button for Pu sources **OR** "Clear Grams" button for Am sources.

[H] **IF** Grams E are **NOT** displayed for Pu **OR** Curies for Am,
THEN enter the known information specified in AK documents.

[I] Confirm the source serial number, source content(s) in Curies or Grams E, the source manufacture date, the isotope and any other pertinent information for accuracy completeness in the Source Characterization screen.

[I.1] **IF** a manufacture date is **NOT** available, **THEN** select a date based on AK information that will provide the most conservative results (i.e., greatest TRU activity or mass).

[J] Repeat step 4.1.3[I] for each source packaged in the container.

[K] Click the “View Report” button.

[L] Print the report (Container Characterization Report and Total Container Content with Uncertainty Applied).

[M] Export the report to Microsoft Office Word.

[N] Save the file to the “CH-BDR” subfolder in the Batch Data Reports folder located on the applicable server with the filename – LAyy-OSR-CH-XXXXX.rtf

Where: yy = year
XXXXX = LA drum number
rtf = file format

[O] Export the report to Microsoft Office Excel.

[O.1] Enter the Batch Data Report number LAyy-OSR-CH-nnn in the area designated next to “NDA/Radiological Characterization BDR#”

Where: yy = year
nnn = sequential number starting at 001 for the first BDR of each year

[O.2] Enter your name and the date the report was run in the areas designated next to “RC Operator Review.”

[P] **IF** the drum does not contain combination sources, **THEN** proceed to step 4.1.5.

[Q] **IF** the drum contains combination sources,
THEN perform the following on the "Decay Corrected Data":

[Q.1] Correct for the additional Cs-137 shown on the AK documentation by adding the new Cs-137 activity to the current value in the Activity (Ci) column of the spreadsheet. Modify cell D9 to add the new Cs-137 activity from the AK documentation as follows: **"=(Current D9 value + XXX)"** where XXX is the additional activity in Curies.

[Q.2] Correct for the additional Sr-90 activity resulting from the Cs-137 by modifying cell D20 **"=(Current D20 value + (D9 * 1.80581E-4))"**.

[Q.3] Open the protected "Combie_Template_Rev1.xls spreadsheet located on the applicable server folder and copy only the yellow highlighted cell from the protected "Combie_Template_Rev1.xls" spreadsheet and paste onto the corresponding cell of the CCR Excel spreadsheet.

[Q.4] Select all the data cells on the CCR Excel spreadsheet **AND** click "Edit," and then "Copy."

[Q.5] Without changing the selected cells, Click "Edit," and then "Paste Special" **AND** on the "Paste Special" screen, select "values" and click "OK."

[Q.6] Select all the data cells and click on the Fill color icon pull down, then click "No Fill".

4.1.4 Print the Decay Corrected Data Excel spreadsheet, Container Characterization Report – Decay Corrected Data, and sign in the "RC Operator Review" field.

4.1.5 Save the file in xls or xlsx file format on the "CH-BDR" folder on server with the syntax – LAyy-OSR-CH-XXXXX, where yy=year XXXXX=LA drum number.

Where: yy = year
XXXXX = LA drum number
xls or xlsx = file format

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NOTE

If any of the limits are exceeded, error messages will be displayed on the "Table Container Content With Uncertainty Applied – All Sources", page of the CCR, see Attachment 5, Error Messages When Limits are Exceeded for an example.

4.1.6 Review the CCR table, "Total Container Content With Uncertainty Applied – All Sources," to ensure that:

[A] FGE (2σ) reported in the "Totals" row is **NOT** greater than 200 FGE.

[B] The decay heat (W) plus the associated error reported in the "Totals" row does **NOT** exceed 40 watts.

[C] PE-Ci total does **NOT** exceed 1,800 PE-Ci for Pipe Overpacks and 80 PE-Ci for Standards 55-gallon drum.

[D] TRU Alpha Activity Concentration reported on the Excel "Decay Corrected Data" spreadsheet of the CCR (without error applied) exceeds 100 nCi/g.

NOTE

When running multiple containers, the sources must be cleared prior to selecting a new container by selecting "Clear Sources" on the source characterization screen.

4.1.7 Run the reports for all the drums repeating the steps listed in 4.1.1 through 4.1.7.

4.1.8 Assemble the BDR by attaching the CCR reports and AK information for up to 20 drums, Attachments 2, 3, 4 and NCRs if applicable. Type the BDR number on Attachment 2, 3, 4 "LAyy-OSR-CH-nnn," where yy are the last two numbers of the current year (e.g., 00 for 2000) and nnn is a sequential number starting at 001 for the first BDR of each year. Type the date for the "Batch Data Report Date:" field which is the date when the last of the CCR is run.

4.1.9 Attach NCRs, if applicable.

4.1.10 Record the waste container identification numbers for each container included in the batch, on Attachment 2.

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4.1.11 Forward the BDR to a Second RC Operator for data entry verification.

4.2 Second RC Operator

[A] Review the CCRs (Container Characterization Report, Total Container Content with Uncertainty Applied, and Container Characterization Report – Decay Corrected Data) and supporting AK data for accuracy, **AND** resolve any data error(s) with the originating RC Operator.

[B] Initial and date pages as required.

[C] Review the CCR table, "Total Container Content With Uncertainty Applied – All Sources" in accordance with step 4.1.6. If data is acceptable, print name on the "Reviewed By" field, sign in the "Approved" field and date the CCR.

[D] Print name, sign, and date the second RC Operator Review section on the Excel "Container Characterization Report - Decay Corrected Data" spreadsheet.

[E] Forward the CCR and supporting AK documentation to the ITR.

4.3 Independent Technical Review

NOTE
The ITR is an individual other than the original RC Operator who is qualified to perform the original work. The second RC Operator can **NOT** be the ITR.

Independent Technical Reviewer (ITR)

4.3.1 Ensure that containers are listed on the AKTSS.

4.3.2 Ensure defense determination is listed in appropriate column of AKTSS.

4.3.3 Review BDR for precision and document the review by completing Attachment 4, **AND** if acceptable print name, sign, and date.

4.3.4 Accept the RC BDR by printing name, signing, and dating Attachment 2.

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NOTE
A qualified operator excluding ITR will perform step 4.4.

4.4 Preparing the BDR for Submittal to Records

4.4.1 Paginate the RC BDR.

4.4.2 Complete Attachment 3.

4.4.3 Prepare the electronic data output files.

4.4.4 Submit the RC BDR and the electronic files in accordance with CCP-QP-008, *CCP Records Management.*

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5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as quality assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] Radiological Characterization BDR:

[A.1] Attachment 1, Container Characterization Report (Example)

[A.2] Attachment 2, Radiological Characterization Batch Data Report Cover Sheet

[A.3] Attachment 3, Radiological Characterization Batch Data Report Table of Contents

[A.4] Attachment 4, Radiological Characterization Independent Technical Reviewer Review Checklist

[A.5] Copies of NCRs, if applicable

5.1.2 QA/Nonpermanent

[A] Electronic Data Input Files (primary and backup)

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Attachment 1 – Container Characterization Report (Example)

Container Characterization Report
Characterization Datasheets (Version 1.0)
Run Date: 2/29/2012
Container: LA00000060096

Run with Microsoft Windows XP Professional version 2002 Service Pack 2 and Microsoft Access 2003 on computer SN 1165161

Source 71-1-12M (A-166) **Input Data 5.0 Curies** **Manufacture 9/23/1980**

Nuclide	Initial Content	Initial Activity	Decayed Content	Decayed Activity	Source FGE	Source PE-Ci	Source W	Source % Type A
137Cs	1.12E-09	9.90E-08	5.46E-10	4.81E-08	0.00E+00	0.00E+00	5.32E-11	8.90E-10
233U	0.00E+00	0.00E+00	3.49E-07	3.40E-09	3.14E-07	1.06E-09	9.90E-11	3.09E-12
234U	1.65E-11	1.05E-13	6.43E-07	4.06E-09	0.00E+00	0.00E+00	1.17E-10	3.69E-12
235U	2.07E-09	4.53E-15	3.54E-06	7.76E-12	2.28E-06	0.00E+00	2.14E-13	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.98E-06	5.15E-05	2.32E-06	4.02E-05	2.62E-07	3.65E-05	1.33E-06	1.49E-07
238U	8.25E-07	2.81E-13	8.26E-07	2.81E-13	0.00E+00	0.00E+00	7.12E-15	0.00E+00
239Pu	3.98E-03	2.50E-04	3.98E-03	2.50E-04	3.98E-03	2.50E-04	7.76E-06	9.27E-07
240Pu	8.02E-04	1.85E-04	8.00E-04	1.84E-04	1.80E-05	1.84E-04	5.72E-06	6.81E-07
241Am	1.44E+00	5.00E+00	1.37E+00	4.75E+00	2.56E-02	4.75E+00	1.59E-01	1.76E-02
241Pu	5.72E-05	5.95E-03	1.26E-05	1.31E-03	2.84E-05	2.57E-05	4.17E-08	1.19E-06
242Pu	1.73E-05	6.85E-08	1.73E-05	6.85E-08	1.29E-07	6.23E-08	2.02E-09	2.54E-10
90Sr	6.45E-10	8.90E-08	3.01E-10	4.15E-08	0.00E+00	0.00E+00	4.82E-11	5.13E-09
Other	NA	NA	NA	NA	NA	NA	NA	NA
Total	1.45E+00	5.01E+00	1.37E+00	4.76E+00	2.96E-02	4.75E+00	1.59E-01	1.76E-02

Performed By: Ioana Witkowski **Date:** 2/15/2012

Reviewed By: _____ **Date:** _____
(initial)

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Attachment 1a – Total Container Content with Uncertainty Applied (Example)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content (Grams)	Adjusted Activity (Ci)	Adjusted Activity (TBq)	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	7.09E-09	6.24E-07	2.31E-08	0.00E+00	0.00E+00	6.90E-10	1.15E-08	0.00E+00
233U	1.11E-06	1.08E-08	4.00E-10	1.00E-06	3.38E-09	3.15E-10	9.83E-12	0.00E+00
234U	3.13E-06	1.98E-08	7.33E-10	0.00E+00	0.00E+00	5.70E-10	1.80E-11	0.00E+00
235U	1.69E-05	3.69E-11	1.37E-12	1.29E-05	0.00E+00	1.02E-12	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	2.09E-05	3.61E-04	1.34E-05	2.78E-06	3.29E-04	1.20E-05	1.34E-06	3.61E-04
238U	7.05E-06	2.40E-12	8.87E-14	0.00E+00	0.00E+00	6.08E-14	0.00E+00	0.00E+00
239Pu	3.19E-02	2.01E-03	7.43E-05	3.74E-02	2.01E-03	6.23E-05	7.44E-06	2.01E-03
240Pu	6.42E-03	1.48E-03	5.47E-05	1.69E-04	1.48E-03	4.60E-05	5.47E-06	1.48E-03
241Am	9.35E+00	3.24E+01	1.20E+00	1.76E-01	3.24E+01	1.08E+00	1.20E-01	3.24E+01
241Pu	2.25E-04	2.34E-02	8.66E-04	6.02E-04	4.59E-04	7.45E-07	2.13E-05	0.00E+00
242Pu	1.39E-04	5.52E-07	2.04E-08	1.22E-06	5.01E-07	1.63E-08	2.04E-09	5.52E-07
90Sr	3.99E-09	5.51E-07	2.04E-08	0.00E+00	0.00E+00	6.38E-10	6.80E-08	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	9.38E+00	3.25E+01	1.20E+00	2.12E-01	3.24E+01	1.08E+00	1.20E-01	3.24E+01

Total α NCi/g 1.17E+07

*** All uncertainties are 1 σ, except FGE, which is 2 σ**

Performed By: **Ioana Witkowski** **Date:** **2/15/2012**

Reviewed By: _____ **Date:** _____

Approved: _____

Attachment 1b – Container Characterization Report - Decay Corrected Data (Example)

NDA / Radiological Characterization BDR# LA12-OSR-CH-001

Container: LA00000060096 Waste Weight (kg) 2.775

Run Date: 2/29/2012

Decay Corrected Data

Nuclide	Mass (grams)	Mass 1.00 Sigma Error (grams)	Activity (Ci)	Activity 1.00 Sigma Error (Ci)	FGE	PE-Ci	Decay Heat (W)	% Type A Limit	TRU Alpha Activity (Ci)
Cs-137	5.09E-09	1.99E-09	4.48E-07	1.75E-07	0.00E+00	0.00E+00	4.96E-10	8.30E-09	0.00E+00
U-233	1.10E-06	8.30E-09	1.07E-08	8.10E-11	9.89E-07	3.35E-09	3.12E-10	9.75E-12	0.00E+00
U-234	2.53E-06	6.08E-07	1.60E-08	3.84E-09	0.00E+00	0.00E+00	4.60E-10	1.45E-11	0.00E+00
U-235	1.36E-05	3.26E-06	2.98E-11	7.13E-12	8.75E-06	0.00E+00	8.22E-13	0.00E+00	0.00E+00
Pu-238	1.72E-05	3.69E-06	2.97E-04	6.39E-05	1.94E-06	2.70E-04	9.85E-06	1.10E-06	2.97E-04
U-238	5.48E-06	1.57E-06	1.86E-12	5.33E-13	0.00E+00	0.00E+00	4.73E-14	0.00E+00	0.00E+00
Pu-239	2.64E-02	5.50E-03	1.66E-03	3.46E-04	2.64E-02	1.66E-03	5.15E-05	6.16E-06	1.66E-03
Pu-240	5.32E-03	1.11E-03	1.22E-03	2.55E-04	1.20E-04	1.22E-03	3.81E-05	4.53E-06	1.22E-03
Am-241	9.29E+00	5.09E-02	3.23E+01	1.77E-01	1.74E-01	3.23E+01	1.08E+00	1.19E-01	3.23E+01
Pu-241	1.82E-04	4.25E-05	1.90E-02	4.42E-03	4.10E-04	3.72E-04	6.04E-07	1.72E-05	0.00E+00
Pu-242	1.15E-04	2.44E-05	4.55E-07	9.67E-08	8.59E-07	4.13E-07	1.34E-08	1.68E-09	4.55E-07
Sr-90	2.87E-09	1.12E-09	3.95E-07	1.55E-07	0.00E+00	0.00E+00	4.58E-10	4.88E-08	0.00E+00
Other Isotopes	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total*	9.33E+00	5.12E-02	3.23E+01	1.77E-01	2.01E-01	3.23E+01	1.08E+00	1.19E-01	3.23E+01

*RMS for errors

		(1.00 Sigma Error)	
Tru Alpha Activity Concentration	1.16E+07	6.37E+04	nCi/g
Tru Alpha Activity	3.23E+01	1.77E-01	Ci
Total Pu-239 Equiv Activity	3.23E+01	1.77E-01	Ci
Total Pu-239 Fissle Gram Equiv	2.01E-01	5.58E-03	g
Total Decay Heat	1.08E+00	5.91E-03	W

	Printed Name	Signature	Date
RC Operator Review	Ioana Witkowski		2/16/2012
2nd RC Operator Review			

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Attachment 2 – Radiological Characterization Batch Data Report Cover Sheet

CCP Los Alamos National Laboratory	Batch Data Report Number:
	Batch Data Report Date:
Waste Container ID Numbers:	
(Insert list of waste containers in the batch here)	
Independent Technical Reviewer (ITR) Approval:	
Printed Name _____ Signature _____ Date _____	

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Attachment 3 – Radiological Characterization Batch Data Report Table of Contents

Batch Data Report Number: _____

Table Of Contents	
Description	**Page No.**
Radiological Characterization Batch Data Report Cover Sheet	
Radiological Characterization Batch Data Report Table of Contents	
Radiological Characterization Independent Technical Reviewer Review Checklist	
Container Characterization Reports (CCRs) and AK Information	
Copies of NCR(s), if applicable	
Other information	

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Attachment 4 – Radiological Characterization Independent Technical Reviewer Review Checklist

CCP Los Alamos National Laboratory

Batch Data Report Number:

ITR Review Checklist	YES/NO/NA	Comments/Qualifiers
Data generation and reduction were conducted in a technically correct manner in accordance with this procedure.	☐**Yes** ☐**No**	
Data are reported in the proper units.	☐**Yes** ☐**No**	
Data entry was verified by an independent Radiological Characterization Operator.	☐**Yes** ☐**No**	
"Sufficient" AK documentation and the Container Characterization Reports are attached to the Radiological Characterization BDR.	☐**Yes** ☐**No**	
Inputs to Characterization Software are correct and consistent with AK documentation.	☐**Yes** ☐**No**	
Correct revision of procedure used.	☐**Yes** ☐**No**	
Is container on the AK Tracking Spreadsheet?	☐**Yes** ☐**No**	
Does container have defense determination listed on AKTSS?	☐**Yes** ☐**No**	
Container Characterization Reports (CCRs) show that FGE, PE-Ci, and Decay heat (wattage) limits were not exceeded for any container and that waste is TRU (>100 nCi/g).	☐**Yes** ☐**No**	
Radiological Characterization BDR includes: • Radiological Characterization Batch Data Report Cover Sheet • Radiological Characterization Batch Data Report Table of Contents • Radiological Characterization Independent Technical Reviewer Review Checklist • Container Characterization Reports (CCRs) and AK Information • NCR(s) associated with the radiological characterization	☐**Yes** ☐**No** ☐**Yes** ☐**No** ☐**Yes** ☐**No** ☐**Yes** ☐**No** ☐**Yes** ☐**No** ☐**NA**	

Radiological Characterization Independent Technical Reviewer Approval:

Printed Name	Signature	Date

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Attachment 5 – Error Messages When Limits are Exceeded (Example)

Total Container Content With Uncertainty Applied -- All Sources

Nuclide	Adjusted Content	Adjusted Activity	Adjusted Activity	FGE (2 σ)	PECi	W	% Type A Limit	TRU Alpha Activity (Ci)
137Cs	2.35E-04	2.07E-02	7.65E-04	0.00E+00	0.00E+00	2.29E-05	3.83E-04	0.00E+00
233U	8.53E-07	8.33E-09	3.08E-10	8.93E-07	2.60E-09	2.42E-10	7.57E-12	0.00E+00
234U	2.03E+02	1.28E+00	4.74E-02	0.00E+00	0.00E+00	3.69E-02	1.17E-03	0.00E+00
235U	1.69E-01	3.70E-07	1.37E-08	1.11E-01	0.00E+00	1.02E-08	0.00E+00	0.00E+00
236Pu	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238Pu	7.70E+02	1.33E+04	4.93E+02	8.80E+01	1.21E+04	4.41E+02	4.93E+01	1.33E+04
238U	2.92E-01	9.93E-08	3.67E-09	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00
239Pu	1.98E+02	1.24E+01	4.60E-01	2.03E+02	1.24E+01	3.86E-01	4.61E-02	1.24E+01
240Pu	3.24E+01	7.46E+00	2.76E-01	7.52E-01	7.46E+00	2.32E-01	2.76E-02	7.46E+00
241Am	7.71E+00	2.68E+01	9.90E-01	1.68E-01	2.68E+01	8.94E-01	9.91E-02	2.68E+01
241Pu	2.32E+00	2.41E+02	8.93E+00	6.07E+00	4.73E+00	7.68E-03	2.19E-01	0.00E+00
242Pu	4.07E+00	1.62E-02	5.98E-04	4.01E-02	1.47E-02	4.77E-04	5.99E-05	1.62E-02
90Sr	1.30E-04	1.80E-02	6.64E-04	0.00E+00	0.00E+00	2.08E-05	2.22E-03	0.00E+00
Other	NA	NA	NA	NA	NA	NA	NA	NA
Totals	1.21E+03	1.36E+04	5.02E+02	2.95E+02	1.21E+04	4.42E+02	4.97E+01	1.34E+04

Total α NCi/g **3.71E+10**

*** All uncertainties are 1 σ, except FGE, which is 2 σ**

Performed By: Jerry McAlpin **Date:** 11/1/2012

Reviewed By: _____ **Date:** _____

Approved: _____

Reason(s) for Disapproval:

Container FGE Exceeds Limit of 200
Container PeCi Exceeds Limit of 1800
Container W Exceeds Limit of 2.85
Container Type A Limit Exceeds 100%

Error Messages

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CCP-TP-113

Revision 19

CCP
Standard Contact-Handled Waste Visual Examination

EFFECTIVE DATE: 06/23/2015

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

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RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	03/26/2004	Initial Issue.
1	04/02/2004	Incorporated Facility Oversight Review Committee Comment resolutions, from Los Alamos National Laboratory, into Sections 1.0, 2.0 and 4.0.
2	07/15/2004	Revised in response to CBFO CAR #04-026. The change in this document involved addition of a note for clarification and implementation on percent fill of a drum. As such, this change is data quality affecting.
3	01/25/2005	Made corrections to procedure per LANL, to comply with the MSA review.
4	12/22/2005	Revised Table 4 to add the weight of an 85- and 110-Gallon Drum as well as a 55-Gallon 12-mil. Plastic Bag. Revised responsibility for pagination of the BDR.
5	08/28/2006	Revised to address CAR LANL-0006-06.
6	11/16/2006	Revised to implement changes to the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/RH PMR.
7	03/19/2007	Revised to clarify notes and procedural steps. Revised to record Output Drum information in Section 4 of Attachment 1. Revised to record Waste Container ID on each page of Attachment 1.
8	09/04/2007	Revised to separate and clarify each Visual Examination (VE) process. Revised Attachment 1, CCP Waste Visual Examination Data Form and Attachment 2, CCP Waste VE Independent Technical Reviewer Checklist, to support the changes. Added new Section 4.11, Newly Generated Waste Container Data Submission, and Attachment 5, CCP Newly Generated Waste Container Data, to assist in container tracking. Incorporated additional editorial changes.
9	03/05/2008	Revised to add a step to Section 2.4 for use of Host site procedures for anomalous conditions. Attachment 1, Section 5, Prohibited Items revised to be consistent with Central Characterization Project (CCP) Nondestructive Examination (NDE) procedures and made additional editorial changes.

RECORD OF REVISION (Continued)

Revision Number	Date Approved	Description of Revision
10	07/09/2008	Revised to address U.S. Department of Energy (DOE) Carlsbad Field Office (CBFO) Corrective Action Request (CAR) Number CAR-08-021 and New Mexico Environmental Department (NMED) Observer Inquiry from Audit A-08-16. Also, revised to maintain control of internal package/items so that payload containers are surveyed at <200 millirem per hour (mrem/hr).
11	11/12/2008	Revised to incorporate concurrent use with CCP-TP-163, *CCP Standard Visual Examination of Records*.
12	12/01/2008	Minor revision to add notes for clarification of visual examination (VE) of record.
13	03/11/2009	Revised to address the U.S. Department of Energy (DOE) Carlsbad Field Office (CBFO) Corrective Action Report (CAR) Number 09-015 and Environmental Protection Agency (EPA) Issue Numbers INL-CCP-RH-VE-T1-002CR, 003CR, and 007CR.
14	06/30/2010	Revised to incorporate modifications to Hazardous Waste Facility Permit. Revised to address CBFO Corrective Action Report (CAR) 10-019. Revised to address procedural steps, to accommodate the visual examination (VE) process for newly generated waste and to make additional editorial changes.
15	12/29/2010	Revised to clarify independent technical reviewer (ITR) independence.
16	04/25/2011	Revised to remove recording location and clarify transportation packaging requirements.
17	06/04/2013	Revised to incorporate the Nuclear Waste Partnership (NWP) transition changes.
18	09/25/2013	Revised to address Carlsbad Field Office (CBFO) Corrective Action Report (CAR) 13-051.
19	06/23/2015	Revised to incorporate information from standing order CCP-SO-35 and to clarify independent technical reviewer (ITR) questions related to Quality Assurance Objectives (QAOs).

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1.0 PURPOSE

CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*, Section C-3b, requires that containers be examined to verify the physical form of the waste and to identify items that are prohibited from disposal at the Waste Isolation Pilot Plant (WIPP). This procedure establishes how to perform visual examination (VE) of contact-handled (CH) transuranic (TRU) waste containers, which may include the removal of prohibited items; and how to prepare and review Batch Data Reports (BDRs) generated from the VE process. This procedure is designed to be accomplished in conjunction with Host site facility operating procedures that address the use of those facilities for VE. All Host site requirements for health, safety, and operations in the work place will be addressed in a Host site procedure.

1.1 Scope

This procedure applies to retrievably stored and newly generated S3000 homogeneous solids, S4000 soils/gravel, and S5000 debris waste streams. VE will be used when necessary to examine a waste container to verify its physical form and to detect and remediate items that are prohibited from disposal at the WIPP.

There are two methods allowed for performing a VE process. Method 1 uses one VE Operator (VEO) with audio/video recording of the process, and Method 2 uses two VEOs (without audio/video recording of the process).

VE will not be used as the Nondestructive Examination (NDE) process for certification of S3000 Retrievably Stored waste unless a surveillance on the process has been performed by Carlsbad Field Office (CBFO) identifying why VE is the preferred method over real-time radiography (RTR).

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2.0 REQUIREMENTS

2.1 References

Baseline Documents

- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*

Referenced Documents

- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*

2.2 Training Requirements

2.2.1 Personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan*, prior to performing this procedure.

2.3 Equipment List

2.3.1 Torque Wrenches

2.3.2 Certified VE Scale, as needed

2.3.3 Certified Container Scale

2.3.4 Certified Weights

2.4 Precautions and Limitations

2.4.1 Containers with a total dose rate >200 millirem per hour (mrem/hr) at surface SHALL **NOT** be processed under this procedure.

2.4.2 VE of homogeneous solid waste containers is NOT authorized at Los Alamos National Laboratory (LANL) at this time.

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2.5 Prerequisite Actions

2.5.1 Prepare containers for VE in accordance with Host site procedures.

2.5.2 Ensure **NO** hold tags that would prevent the performance of VE are on the containers before proceeding.

2.5.3 Review the radiation levels of the containers before proceeding.

2.5.4 Ensure Method 1 or Method 2 for performing the VE has been determined by the Site Project Manager (SPM).

2.5.5 Ensure Input Waste Container(s) is on the Acceptable Knowledge (AK) Tracking Spreadsheet (if applicable).

2.5.6 For Newly Generated waste processing, confirm that the waste stream is described in an approved AK Summary Report.

2.5.7 Ensure Certified Torque Wrenches, Certified Container Scale, Certified Weights, and Certified VE Scale are on the current and approved measuring and test equipment (M&TE) list (as applicable).

2.6 Definitions

2.6.1 **Calibration Due Date** – The date recorded on a tool's or scale's sticker/label that indicates the date due for calibration.

2.6.2 **Method 1** – One VEO with audio/video recording of the process created during VE.

2.6.3 **Method 2** – Two VEOs (without audio/video recording of the process) performing VE. Each VEO shall observe for themselves the waste being placed in the waste container or the contents within the examined waste container when the waste is not removed.

2.6.4 **Outermost Container** – Outer container that holds waste at time of VE.

2.6.5 **Internal Container** – A container inside the outermost container examined during visual examination. Drum liners, liner bag, plastic bags used for contamination control, capillary-type labware, and debris not designed to hold liquid at the time of original waste packaging are not internal containers.

2.6.6 **Observable Liquid** – Liquid that is observable by a qualified operator performing VE of the waste.

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2.6.7 **Field Records** – Records which are generated in the field under adverse conditions (i.e., personnel are wearing Anti Cs), which need to be transcribed into a final format for legibility. Field records shall be obtained using the forms from this procedure to ensure the required information is obtained. The field record shall be signed and dated by the operator(s) performing the task. Field records that are transcribed will be included in the BDRs to ensure the absence of transcription errors.

2.6.8 **Tamper Indicating Device (TID)** – A device with a unique identifier that is used when a package is not under control of a qualified VE Operator.

2.6.9 **Indirect Load** – Any package, item or material to be placed in an output container that has previously undergone the VE process and was controlled by the use of a tamper indicating device (TID) or other administrative control prior to being loaded into the output container.

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3.0 RESPONSIBILITIES

3.1 Visual Examination Expert (VEE)

3.1.1 Responsible for the overall direction and implementation of the VE operations.

3.1.2 Ensures Nonconformance Reports (NCR) are written as required per CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*.

3.2 Visual Examination Operator (VEO)

3.2.1 Performs the VE.

3.2.2 Assembles, paginates, and reviews the BDR.

3.3 Independent Technical Reviewer (ITR)

NOTE
The Independent Technical Reviewer (ITR) will be someone, other than the VEO, who is qualified to have performed the work and who was not involved in the generation or recording of the data under review.

3.3.1 Reviews the BDR.

3.4 Vendor Project Manager (VPM)

3.4.1 Ensures the safe operation of the VE process.

3.4.2 Ensures all personnel maintain proficiency and identifies any additional training that may be required.

3.4.3 Coordinates remediation of prohibited items with the Host site.

3.4.4 Facilitates container tracking and management.

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4.0 PROCEDURE

NOTE

A Testing Batch includes all data pertaining to VE for up to 20 waste containers without regard to waste matrix.

If, during the performance of VE, multiple Input Waste Containers are used to produce an Output Waste Container or multiple Output Waste Containers are generated from an Input Waste Container, separate data sections shall be completed for each waste container, as applicable.

N/A shall be marked in all fields of the Attachments that are not applicable, unless the document's intent is clear with some blanks.

The sections of this procedure may be performed independently and concurrently to accommodate the VE process.

VEE will ensure NCR's are initiated by the individual(s) identifying non-conforming conditions in accordance with CCP-QP-005.

Remediation of prohibited items (e.g., removal, absorption, etc.) may be performed in unison with Waste Material Parameter (WMP) identification (ID).

Prohibited items are listed in Table 1, Prohibited Items, are remediated per Host site procedures, as necessary.

Any liquid in non-transparent internal containers, detected from shaking the internal container, will be handled by assuming that the internal container is filled with liquid.

Data changes and requisite approvals SHALL be made by the individual or individuals who originally collected the data, **OR** by an equally-qualified individual or individuals authorized to change data.

Host site operators and procedures may be used to handle anomalous conditions, as necessary.

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VEO

4.1 General Information and Performance Checks

NOTE
The steps in 4.1.1 may be performed in any order.

4.1.1 Record Batch Data Report No. on Attachment 1, CCP Waste Visual Examination General Information Form, and Attachment 2, CCP Waste Visual Examination Data Form, (xxVEzzyyyy - where xx is the Site Identifier [e.g., LA for LANL], zz is the VE area identifier, and yyyy is a sequential number for that site).

[A] Record the following information on Attachment 1:

[A.1] Mark applicable VE process to be performed.

[A.2] Mark VE Method used.

[A.3] Site ID.

[A.4] Examination Date.

[A.5] Procedure No.

[A.6] Revision No.

4.1.2 Camera(s) Check (Method 1)

NOTE
If the VE continues for more than one day, a camera check will be conducted prior to continuing the VE for the new day. The results of the second camera check will be recorded on the audio/video media and noted in the Comments block on Attachment 1. The audio/video camera will be checked prior to each VE BDR to ensure proper operation of the camera. The test image segment SHALL remain intact without being erased or recorded over.

[A] **IF** audio/video recording will **NOT** be created, **THEN** mark N/A on Attachment 1, **AND** GO TO Section 4.1.3.

[B] Record the Date, Container ID Number(s), BDR Number, and the Audio/Video Media Recording Number on the Audio/Video Media Label.

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[C] Ensure the audio/video media is at its beginning or at the point where recording was stopped the previous day.

[D] Start the camera(s).

[E] Record a test image and narrative.

[F] Review the test segment by playing the audio/video media, **AND** verify the image is in focus and the narration is clear.

[G] Save the test recording (i.e., stop the audio/video media at the end of the playback).

[G.1] **IF** the results are UNSAT,
THEN notify the Visual Examination Expert (VEE) and Vendor Project Manager (VPM).

(a) **WHEN** the camera/audio/video media recording system is operational,
THEN repeat steps 4.1.2[D] through 4.1.2[H].

[H] Record the results of the camera/audio/video media recording check as SAT on Attachment 1.

NOTE

When VE is being performed, a Scale Operational Check and an Attachment 1 must be done daily.

4.1.3 Scale Operational Check

NOTE

The VEE will determine when VE Scales or Container Scales will be used.

Weights will be recorded in kilograms (kg) out to one tenth of a kg.

[A] VE Scale

[A.1] **IF** VE Scale is **NOT** used, as determined by VEE,
THEN mark N/A on Attachment 1, **AND** GO TO step 4.1.3[B].

[A.2] Record the Scale Serial/ID Number and the Calibration Due Date on Attachment 1.

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[A.3] Record the following Test Weight Information data on Attachment 1:

(a) Test Weight Serial/ID Number and Calibration Due Date for each weight used.

(b) Test Weight Total placed on the scale.

(c) Tray Weight, as required.

[A.4] Place test weight(s) on the scale to verify the scale's operability.

(a) **IF** the reading is within the scales calibration tolerance,
THEN record as SAT on Attachment 1.

(b) **IF** the reading is **NOT** within the scales calibration tolerance,
THEN STOP WORK, **AND** notify the VPM.

[A.5] With the tray placed on the scale, set the Tare to zero, as required.

[B] Container Scale

[B.1] Record the Scale Serial/ID Number and the Calibration Due Date on Attachment 1.

[B.2] Perform an operational check of the scale as follows:

(a) Place a known check weight(s) on the scale, **AND** verify the scale reads within 1.0 percent of the check weight used.

(a.1) **IF** the scale reads within the operational range,
THEN record SAT on Attachment 1.

(a.2) **IF** the scale reads outside of the operational range,
THEN, SUSPEND WORK, **AND** notify the VPM.

[C] **IF** a substitute scale is to be used,
THEN ensure substitute scale is on the current M&TE list, **AND** repeat steps 4.1.3 [A.2 through A.4] or 4.1.3 [B.1 through B.2], as required.

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4.1.4 Record the following on Attachment 1:

[A] Method 1

VEO 1

[A.1] Print name, sign, and date.

[A.2] Mark VEO 2 as N/A.

[B] Method 2

VEO 1

[B.1] Print name, sign, and date.

VEO 2

[B.2] Print name, sign, and date.

4.2 Previously Packaged Input Waste Container Preparation.

NOTE
Section 4.2 is not performed for VE of Newly Generated Waste.

4.2.1 Record the Input Waste Container ID in Section 1, Output Waste Container Data, of Attachment 2.

NOTE
When performing Method 1, audio/video media recording is created to document activities that manipulate waste during the VE. It is expected that recording will be halted whenever VE is suspended. If recording is suspended, the reason is verbally documented on the audio/video media.

4.2.2 Position the camera(s) to record the VE of the Input Waste Container and its contents, **AND** start the camera(s) (if using Method 1).

4.2.3 Record verbally the Input Waste Container ID (if using Method 1).

NOTE
The Radiological Control Technician (RCT) SHALL be present to conduct radiological surveys in accordance with the Host site Interface Document and Host site procedures.

4.2.4 Ensure removal of the input waste container lid in accordance with Host site procedures.

[A] **IF** a rigid liner lid is present, **AND** the rigid liner lid is **NOT** vented (>0.3 inches [in.]) or filtered,
THEN SUSPEND WORK, **AND** notify the VPM.

[B] Ensure removal of the rigid liner lid, if applicable, in accordance with Host site procedures.

NOTE

VE on large or heavy packages/items SHALL be performed as they are removed from the container.

Waste from the Input Waste Container may be segregated for VE as determined by the VEO.

4.2.5 Remove/verify removal of the waste from the Input Waste Container, as appropriate.

4.2.6 Open/verify opening of waste package/items, as appropriate.

4.3 Output Waste Container Verification

4.3.1 Ensure the container is empty of waste, **AND** record on Section 1 of Attachment 2.

[A] **IF** the container is not empty,
THEN STOP WORK **AND** notify the VEE.

NOTE

Step 4.3.2 may be performed at any time during the VE process.

4.3.2 Record the following data for the Output Waste Container in Section 1 of Attachment 2:

- Output Waste Container ID
- Waste Stream ID
- Container Type (e.g., 55-gallon drum)
- TRUCON Code
- Waste Matrix Code
- Audio/Video Media Recording Number (if applicable)

NOTE
The RCT SHALL be present to conduct radiological surveys in accordance with the Host site Interface Document and Host site procedures.

4.3.3 Perform the following, **AND** record the applicable data for the Output Waste Container in Section 1 of Attachment 2:

[A] Record Output Waste Container Tare Weight.

[B] Ensure the container lid is removed in accordance with Host site procedures, as applicable.

[C] **IF** a Poly rigid liner is **NOT** present,
THEN perform the following:

[C.1] Record NO, Poly Rigid Liner Present

[C.2] Record NO, Poly Rigid Liner Lid Present

[C.3] Record N/A for Poly Rigid Liner Lid is Vented (>0.3 in.) or Filtered, Vented, Filtered, and Serial No.

[C.4] GO TO step 4.3.3[G].

[D] **IF** a Poly rigid liner is present,
THEN record YES, and liner Thickness.

[E] **IF** a Poly rigid liner lid is NOT present,
THEN record NO **AND** perform the following**:**

[E.1] Record N/A for Poly Rigid Liner Lid is Vented (>0.3 in.) or Filtered, Vented, Filtered, and Serial No.

[E.2] GO TO step 4.3.3[G]

[F] **IF** a Poly rigid liner lid is present,
THEN record YES, **AND** perform the following**:**

[F.1] **IF** the Poly rigid liner lid is vented (punctured) **AND** the puncture is >0.3 in.,
THEN record Yes, Vented, **AND** measure and record the Hole Size.

(a) Record N/A for Filtered, Model No., and Serial No.

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[F.2] **IF** the Poly rigid liner lid is filtered,
THEN record Filtered, **AND** the Model No. and Serial No.

(a) Record N/A for Vented and Hole Size.

[F.3] Remove the Poly rigid liner lid, if applicable, in accordance with Host site procedures.

[G] **IF** other liner is present,
THEN record liner type (i.e. Lead, Fiberboard/Cardboard) or Other liner type.

[H] **IF** a bag liner is used,
THEN record YES.

[I] **IF** NO bag liner is used,
THEN record NO.

4.4 Visual Examination (VE)

NOTE

Steps 4.4.1 through 4.4.8 may be repeated, as necessary, until loading of the Output Waste Container is complete.

Steps 4.4.1 through 4.4.5 may be performed in any order to accommodate the process.

Waste container(s) SHALL be administratively controlled by CCP VEO when unattended. This may be accomplished thru application of a TID or other method.

A new Section 2 of Attachment 2 SHALL be used each time the waste container is opened, the TID is removed, and waste is added.

Individual package/item(s) may be inspected and have a Section 2 of Attachment 2 completed for each, prior to bag out. A TID may be applied to these package/item(s) for verification purposes.

4.4.1 **IF** a container TID is applied to the output waste container,
THEN remove TID in accordance with Host site procedures,
AND record Removed Container TID Number in Section 2 of Attachment 2, as required.

4.4.2 Ensure removal of output container lid in accordance with Host site procedures, as required.

4.4.3 Position the camera(s) to record the VE of the Output Waste Container and its contents, **AND** start the camera(s), as applicable.

4.4.4 Record verbally the Output Waste Container ID, as applicable.

NOTE

When performing Method 1, the camera(s) may require repositioning to record (audio/video) the weighing and final weight of each package from the container.

NOTE

Potential hazardous wastes identified by visual examination include:

- Batteries
- Circuit Boards (may be contained in electrical equipment)
- Cathode Ray Tube (CRT)-based computer monitors or televisions
- Lead
- Mercury, mercury containing equipment (e.g., barometers, switches, thermometers, thermostats)
- Light Bulbs (both incandescent and fluorescent)

4.4.5 Examine the waste, **AND** record the following data in Section 2 of Attachment 2:

- Date.
- Record Package Number, as applicable.
- Record Package TID Number, as applicable.

NOTE

VEE will make determination on the disposition of waste > 200 mrem/hr at the surface.

[A] **IF** the waste is > 200 mrem/hr at the surface, **AND** is going to be placed into the Output Drum,
THEN perform the following:

[A.1] When loading the waste, position as close as reasonably achievable to the side of the output container.

[A.2] **IF** the waste is a can with material in it,
THEN document it in the Comments block of Section 1 of Attachment 2.

[B] Record Waste Description.

[C] Determine the contents by Waste Material Parameter category, using Table 3, Waste Material Parameters, as a guide **AND** document on Attachment 2 as follows:

[C.1] Ensure that there are no prohibited items present in the waste package/item.

NOTE

WMP weight and the method used to determine the weight of the WMP from Table 4, Waste Item Weights and Weighing Codes, may be recorded when performing steps 4.4.5[C.2] **OR** 4.4.9 **OR** 4.4.14[A] to accommodate the process.

[C.2] Weight of each WMP and the method used to determine the weight of the WMP from Table 4, as required.

[D] **IF** no indirect load items/containers, record NO,
THEN record N/A in the VEO 1 and 2 signature lines, **AND** proceed to step 4.4.7.

NOTE

Use of Administration Control in lieu of TID SHALL be as directed by the VPM and recorded in the operational logbook.

[E] For indirect Load Items/containers record YES.

[F] A separate Section 2 of Attachment 2 must be recorded for each indirect load output container.

[G] Place a TID on the package/item **AND** record the number on Attachment 2, as required.

[H] Place the package/item into the Output Waste Container as needed.

VEO 1

[H.1] Print name, sign, and date to annotate VE of package/item(s) is complete, **AND** NO Prohibited Items, listed in Table 1, are present.

(a) **IF** Method 1 is being performed,
THEN mark VEO 2 as N/A.

VEO 2

[H.2] **IF** Method 2 is being performed on indirect loaded items,
THEN print name, sign, and date to annotate VE of package/item(s) is complete, **AND** NO Prohibited Items, listed in Table 1, are present.

4.4.6 **IF** loading Output Waste Container(s) with package/items(s) that were previously inspected,
THEN obtain appropriate Section 2(s) for items being loaded **AND** verify the information recorded on the Section 2(s) matches the package/items.

[A] **IF** package/item information recorded DOES **NOT** match the package/item,
THEN SUSPEND work and notify VPM.

NOTE
The following applies to direct and indirect load containers.

4.4.7 Record Output Waste Container ID in Section 2 of Attachment 2.

4.4.8 Place the package/item into the Output Waste Container, as needed.

4.4.9 Record the weight of each WMP and the method used to determine the weight of the WMP using Table 4 as a guide in Section 2 of Attachment 2, as required.

4.4.10 **IF** additional waste packages/item(s) are to be added at a later time and the waste container is not visually controlled by CCP VEOs,
THEN perform the following:

[A] Apply a TID in accordance with Host site procedures, **AND** record the applied TID Number on Section 2 of Attachment 2, as required.

VEO

4.4.11 **IF** loading Output Waste Container(s) with package/item(s) that were previously inspected, **AND** the loading is completed for the day,
THEN record the following on Section 2 of Attachment 2:

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VEO 1

[A.1] Print name, sign, and date to annotate loading of Output Waste Container is complete.

(a) **IF** Method 1 is being performed,
THEN mark VEO 2 as N/A.

VEO 2

[A.2] **IF** Method 2 is being performed,
THEN print name, sign and date.

4.4.12 **WHEN** loading of the Output Waste Container is complete,
THEN perform the following:

[A] Paginate page(s) of Section 2 of Attachment 2.

[B] Record the data listed below for the Output Waste Container in Section 1 of Attachment 2 as follows:

NOTE

The Volume Utilization Percentage (VUP) of the container is based on the highest level of the bulk of the waste. Items (e.g., pipe, scrap angle, plastic bags) which protrude above the bulk of the waste are **NOT** to be included in the fill percent determination. The fill percent is to be recorded in five percent increments (e.g., 35%, 40%, 45%).

[B.1] Estimate the VUP.

[B.2] Record NO or YES, to indicate whether the waste is consistent with the assigned Waste Stream Description and Waste Matrix Code.

(a) **IF** NO,
THEN initiate a Nonconformance Report (NCR) in accordance with CCP-QP-005, **AND** record the NCR No. in Section 1 of Attachment 2.

[B.3] Record Closure Method for layers of confinement, if applicable (see Table 2, Layers of Confinement).

[B.4] Determine the number of layers of confinement and record, using Table 2 as applicable.

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[C] **IF** container lid installation and closure verification is to be performed at the time,
THEN GO TO Section 4.5 for Output Waste Container Lid Installation and Closure Verification.

4.4.13 Apply the TID to the waste container **AND** record the applied TID Number on Section 2 of Attachment 2, as required.

4.4.14 Record the Gross Weight by weighing the Output Waste Container after it is released to be moved to its staging area, in Section 1 of Attachment 2.

[A] Record the weight of each WMP and the method used to determine the weight of the WMP, using Table 4 as a guide, in Section 2 of Attachment 2, as required.

4.4.15 Perform the following, **AND** record the data in Section 3 of Attachment 2:

[A] Record Output container ID.

[B] Weigh or use Table 4 as a guide to estimate the weight of the Packaging Materials of the Output Waste Container, **AND** Total Packaging Weight.

[C] Review the WMPs listed in Section 2(s) of Attachment 2, **AND** verify/record the total weight for each WMP.

[D] Sum the WMP weights, **AND** record the Total WMP Weight.

[E] Ensure the total of the WMP weights (Section 3, Attachment 2) is within five percent of the net weight of waste of the Output Waste Container obtained from subtracting the tare weight from the gross weight (Section 1, Attachment 2).

[E.1] **IF** the total of the WMP weights is not within five percent of the net weight as specified in step [E], **THEN** STOP WORK **AND** notify the VEE/VPM.

4.4.16 Record the following information in Section 4, Prohibited Item(s) Summary, of Attachment 2:

[A] Output Waste Container ID.

[B] **IF** Section 2(s) of Attachment 2 were completed for individual package/items(s),
THEN verify signatures in Section 2(s) of Attachment 2, answer questions in Section 4 of Attachment 2.

[C] **IF** packaged/item(s) were direct loaded into Output Waste Container,
THEN answer the questions in Section 4 with all explanations (as needed) annotated in the Comments block of Section 4 of Attachment 2.

[C.1] **IF** YES is marked in Section 4,
THEN initiate an NCR in accordance with CCP-QP-005, **AND** record the NCR No. in Section 1 of Attachment 2.

4.4.17 Determine (e.g., via Radiological Label or Dose Rate Survey) if the total dose rate of the waste container is >200 mrem/hr at the surface, **AND** record YES or NO in Section 1 of Attachment 2.

[A] **IF** the total dose rate is >200 mrem/hr at the surface,
THEN initiate an NCR in accordance with CCP-QP-005,
AND record NCR No. in Section 1 of Attachment 2.

4.4.18 STOP the camera(s) recording when VE is complete, as applicable.

4.4.19 Ensure YES or NO is recorded in Section 1 of Attachment 2 to indicate if any NCRs are associated with the applicable waste container.

[A] **IF** YES,
THEN ensure the appropriate NCR number(s) are recorded.

NOTE

All areas in the attachments that DO **NOT** have completed information SHALL be marked N/A, unless the documents intent is clear per CCP-QP-008, *CCP Records Management*.

4.4.20 Record the following in Section 5, Approvals, of Attachment 2:

[A] Method 1

VEO 1

[A.1] Print name, sign, and date to annotate that the VE process has been completed.

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[A.2] Mark VEO 2 as N/A.

[A.3] Prepare two (2) audio/video media recordings.

[B] Method 2

VEO 1

[B.1] Print name, sign, and date to annotate that the VE process has been completed.

VEO 2

[B.2] Print name, sign, and date to annotate that the VE process has been completed.

VEO

4.4.21 Affix new CCP Container Traveler(s) (Labels) to the Output Waste Container(s) in accordance with appropriate CCP Site Container Management procedure, as necessary.

4.4.22 **WHEN** all containers for a batch are complete,
THEN GO TO Section 4.6.

4.5 Container Lid Installation and Closure Verification

NOTE

Steps 4.5.1[A], [B], [C], [D], and [E] may be performed at any time during or after, Output Waste Container setup.

4.5.1 Perform the following, **AND** record the applicable data, for the Output Waste Container, in Section 1 of Attachment 2:

[A] Verify the Filter and Lid Ring/Bolt Torque Wrenches to be used are in calibration.

[B] Filter Torque Wrench Serial/ID Number and Calibration Due Date.

[C] Container Filter Model(s) and Serial Number(s).

[D] Ensure the filter is installed in accordance with the manufacturer's instructions.

[E] Ensure the filters are torqued to the manufacturer's specifications, **AND** record the Torque Value.

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[F] Ensure the container lid is installed in accordance with the manufacturer's instructions.

[G] Lid Ring/Bolt Torque Wrench Serial/ID Number and Calibration Due Date.

[H] Ensure the Container Lid Ring/Bolt(s) is torqued to the manufacturer's specifications, **AND** record the Torque Value.

4.5.2 GO TO step 4.4.13 as applicable.

4.6 Batch Data Report Preparation

4.6.1 Verify Field Records have been accurately transcribed into the appropriate forms.

4.6.2 Assemble the following data for the BDR ensuring that the BDR number and, Examination Date, and Output Waste Container ID(s), as needed, are recorded on each Attachment:

[A] Attachment 5, CCP Waste VE Batch Data Report Cover Sheet

[B] Attachment 4, CCP Waste VE Batch Data Report Table of Contents

[C] Attachment 1, CCP Waste VE General Information Form

[D] Attachment 2, CCP Waste Visual Examination Data Form

[E] Attachment 3, CCP Waste VE Independent Technical Reviewer Checklist

[F] Copies of NCRs, if applicable

[G] Field Records, if applicable

4.6.3 Paginate the BDR.

4.6.4 Complete Attachment 4.

4.6.5 Forward the BDR package and the audio/video media, if applicable, to the ITR.

4.7 VE Independent Technical Review

NOTE
The independent technical review is conducted by an individual who is qualified to have performed the initial work, but who is **NOT** directly responsible for performing the work. The ITR can **NOT** review his/her own work.

Independent Technical Reviewer (ITR)

4.7.1 Review the BDR to the criteria in Attachment 3, **AND** document the answers appropriately.

4.7.2 Items marked NO may require explanation in the Comments block.

4.7.3 Print, sign, and date Attachment 3 and Attachment 5.

4.7.4 Submit the BDR and the audio/video media, if applicable, to CCP Records in accordance with CCP-QP-008.

4.8 Newly Generated Waste Container Data Submission

VPM/Designee

4.8.1 Complete Attachment 6, CCP Newly Generated Waste Container Data, for newly generated waste containers generated during the performance of VE for the BDR.

4.8.2 Print name, sign, and date Attachment 6.

4.8.3 Submit the Attachment 6 to CCP records in accordance with CCP-QP-008. Transmit a copy of Attachment 6 to the cognizant Acceptable Knowledge Expert (AKE).

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5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as quality assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] Batch Data Report (BDR)

[A.1] Attachment 1 – CCP Waste Visual Examination General Information Form

[A.2] Attachment 2 – CCP Waste Visual Examination Data Form

[A.3] Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

[A.4] Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

[A.5] Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

[A.6] Copies of NCRs, if applicable

[A.7] Field Records, if applicable

[B] Attachment 6 – CCP Newly Generated Waste Container Data

5.1.2 QA/Nonpermanent

[A] Two (2) Audio/Video Media Recordings (VHS Tape or DVD), if applicable

Table 1. Prohibited Items

LIST OF PROHIBITED ITEMS
Liquid waste is not acceptable at WIPP - Observable liquid shall be no more than 1 percent by volume of the outermost container. - Internal containers with more than 60 milliliters or 3 percent by volume observable liquid, whichever is greater, are prohibited. - Containers with Hazardous Waste Number U134 assigned shall have no observable liquid. - Overpacking the outermost container that was examined or redistributing untreated liquid within the container shall not be used to meet the liquid volume limits.
Non-Radionuclide Pyrophorics
Non-mixed hazardous waste
Incompatible wastes (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)
Explosives
Compressed Gases/Pressurized containers (e.g., aerosol cans)
Polychlorinated Biphenyl (PCB) Liquids
Ignitables
Corrosives
Reactive waste
Sealed containers greater than 4 liters
Heat-sealed bags (unvented) with a surface area <390 square inches
Sharp or heavy objects (Large, bulky dense objects with sharp and obtrusive members or components with dispersible Form 1 and 2) (e.g., steel or concrete boxes, steel plate, electric motors, steel pipe, or concrete blocks) not adequately blocked, braced, or packaged.
Waste that has ever been managed as high-level waste and waste from tanks specified in Table C-4 of CCP-PO-001.

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Table 2. Layers of Confinement

Container [a]		Plastic Bags		Metal Cans	
Twist and Tape	CTT/STT	Twist and Tape	TT	Sealed	C
Fold and Tape	CFT/SFT	Fold and Tape	FT		
Other Closure	COC/SOC	Other Closure	OC		
Vented	(add) F	Vented	(add) F	Vented	(add) F

[a] Container: "C" - Container
"S" - Standard Waste Box (SWB)

Liner lids and packaging layers are distinguished as follows:

Layers of confinement are defined, per Section 3.8 of the *CH-TRU Payload Appendices*, as any boundary that restricts, but does not prohibit, the release of hydrogen gas across the boundary.

Examples of confinement layers are plastic bags (smaller inner bags or larger container liner bags) with the allowable closure methods described below and metal containers fitted with filter vents.

- Fold and tape closure
- Twist and tape closure
- Heat-seal closure or twist and tape closure with a minimum of one filter vent
- Unvented heat-seal closure for a bag with a minimum surface area of approximately 390 square inches

NOTE

Punctured plastic bags, liner bags open at the end, pieces of plastic sheeting wrapped around the waste for handling, and metal containers with lid closures that allow free hydrogen release are not considered as confinement layers.

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Table 3. Waste Material Parameters

Waste Material Parameter	Description
Iron-based metals/alloys (IM)	Iron and steel alloys in the waste; does not include the waste container materials
Aluminum-based metals/alloys (AM)	Aluminum or aluminum-based alloys in the waste materials
Other metals (OM)	All other metals found in the waste materials
Other inorganic materials (OI)	Nonmetallic inorganic waste, including concrete, glass, firebrick, ceramics, sand, and inorganic sorbents
Cellulosics (C)	Materials generally derived from high polymer plant carbohydrates (e.g., paper, cardboard, wood, cloth)
Rubber (R)	Natural or man-made elastic Latex materials (e.g., surgeon's gloves, leaded rubber gloves)
Plastics (waste materials) (PW)	Generally man-made materials, often derived from petroleum feedstock (e.g., polyethylene, polyvinylchloride)
Organic matrix (OR)	Cemented organic resins, solidified organic liquids, and sludges
Inorganic matrix (IN)	Any homogeneous materials consisting of sludge, or aqueous-based liquids which are solidified with cement, calcium silicate, or other solidification agents (e.g., waste water treatment sludge, cemented aqueous liquids, and inorganic particulate)
Soils (S)	Generally consists of naturally occurring soils which have been contaminated with inorganic waste materials
Steel (packaging materials) (ST)	Container (e.g., 208-liter [55-gal.] drums)
Plastics (packaging materials) (PP)	Liner (e.g., 90-mil polyethylene drum liner and plastic bags)

Table 4. Waste Item Weights and Weighing Codes Page 1 of 3

ITEM	WEIGHT
3" Roll of Duct Tape	0.7 kg
3" Roll of Masking Tape	0.4 kg
10’ Tape Measure	0.1 kg
Channel Lock Pliers	0.3 kg
Crescent Wrench	0.2 kg
Flashlight With Batteries	0.5 kg
Flashlight Without Batteries	0.1 kg
Flat File	0.4 kg
Hacksaw With Blade	0.5 kg
Hammer	0.6 kg
Large Open-End Wrench	0.5 kg
Razor Knife	0.1kg
Scissors	0.2 kg
Vice Grip Pliers	0.5 kg
Welder’s Chipping Hammer	0.4 kg
Wire Brush	0.1 kg
Wooden Folding Ruler	0.2 kg
Wooden Wedge	0.2 kg
13 oz. Aerosol Can ¼ Full	0.2 kg
17 oz. Aerosol Can Full of Liquid	0.5 kg
17" Section of 1" Electrical Conduit	0.5 kg
17" Section of 1" Sch 40 S/s Pipe	1.1 kg
2’ X 4’ Board 20" long	0.7 kg
Empty 2-Gallon Car-boy	0.7 kg
Empty 6-Gallon Car-boy	2.0 kg
Empty POC (Black Poly Liner)	154.2 kg
Empty POC (White Poly Liner)	145.1 kg
Empty SWB	290.3 kg
2-Gallon Car-boy ½ Full of Water	5.8 kg
6-Gallon Car-boy ½ Full of Water	14.0 kg
5-Gallon Metal Bucket	1.3 kg
Metal Can	0.2 kg
Metal Can (for salt wastes)	1.1 kg
Aluminum Sphincter Can	0.2 kg
Sand Bag ½ Full of Gravel	12.7 kg
Plastic Bag for Waste	0.6 kg
Liner Bags – Large	0.5 kg
Rad Bags – Medium and Small	0.1 kg
55-Gallon 10-mil Plastic Bag (each)	1.8 kg
55-Gallon 5-mil Plastic Bag (each)	0.3 kg
55-Gallon 12-mil Plastic Bag (each)	2.1 kg
O-ring Plastic Bag (e.g., sludge, organic setups)	9.0 kg

Table 4. Waste Item Weights and Weighing Codes (Continued) Page 2 of 3

ITEM	WEIGHT
55-Gallon Drum PVC O-ring Bag (60.96 x 213.36 cm)	22.0 kg
55-Gallon Fiberboard Disk	48.0 kg
55-Gallon Drum Round Bottom 10-mil Liner	9.0 kg
(White) 55-Gallon Drum 90-mil Rigid Liner No Lid, used at LANL	4.3 kg
55-Gallon Drum 110-mil Rigid Liner	7.6 kg
(Black) 55-Gallon Drum 125-mil Rigid Liner No Lid, used at LANL	7.6 kg
55-Gallon Drum Poly Liner (122 x 122 x 213 cm)	12.0 kg
55-Gallon Cardboard Liner (graphite mold waste)	9.0 kg
55-Gallon Fiberboard Drum Liner (122 x 122 x 213 cm)	9.0 kg
55-Gallon Lead Liner, 180 cm long, 0.16 cm thick	23.0 kg
55-Gallon Lead Liner, 180 cm long, 0.32 cm thick	46.0 kg
Fiber Pack	13.0 kg
Fiber Pack Lead-Lined	66.0 kg
HEPA Filter (8 x 8 3-1/16)	1.0 kg
HEPA Filter (8 x 8 x 5-7/8)	1.9 kg
HEPA Filter (12 x 12 x 5-7/8)	2.5 kg
Lead Brick (5.1 x 10 x 20 cm)	12.0 kg
Oil-Dry	0.4 kg/liter
Vermiculite	0.1 kg/liter
Poly Bottles (1 gallon)	2.2 kg
Poly Bottles (1 liter)	0.5 kg
Setup Portland Cement	1.1 kg/liter
Uncured Portland Cement	2.9 kg/liter
Leaded Glovebox Glove	0.8 kg
Leaded Rubber Glove	2.5 kg
Leaded Rubber Glove	12.0 kg
Leaded Rubber Apron	2.4 kg
Leaded Rubber Apron	11.5 kg
Coveralls	0.9 kg
25’ Plastic Suit Hose	2.3 kg
50’ Plastic Suit Hose	5.0 kg
Plastic Suit Top and Pants	2.3 kg
55-Gallon Drum (painted – tan or white)	27.7 kg
55-Gallon Drum (painted – mustard yellow)	24.0 kg
55-Gallon Drum (painted – green)	30.0 kg
55-Gallon Drum (painted – grey)	26.3 kg
55-Gallon Drum (galvanized)	29.0 kg
85-Gallon Drum (painted)	37.2 kg

Table 4. Waste Item Weights and Weighing Codes (Continued) Page 3 of 3

ITEM	WEIGHT
Item Description (1 lb = 0.454 kgs) (All containers are 55-gal drums, unless otherwise noted)	
110-Gallon Drum (painted)	45.0 kg
Lead-Lined Drum (1/16" thick, 28" high by 72" long)	22.7 kg
Lead-Lined Drum (1/8" thick, 28" high by 72" long) (.4 lb/in.^{3})	45.4 kg
Galvanized DOT 17C (Dull Finish) [Drum Bottom Labels 00040-00705]	31.7 kg
Galvanized (Shiny Drum and Lid Finish) [Drum Bottom Labels 01391 - 01568]	24.2 kg
Hanford Galvanized (Speckled Dull Finish - UNA1A2) [Drum Bottom Labels 00754 - 00933]	30.0 kg
Myers Galvanized (Shiny Finish - Labeled G5501) [Drum Bottom Labels 01200 - 01384]	22.7 kg
Myers Galvanized (Shiny Drum/Shiny Speckled Lid - Labeled G5501) [Drum Bottom Labels 00950 - 01150]	24.0 kg
Myers Yellow Painted	21.5 kg
Rocky Flats White Painted	27.2 kg
Black 90-mil Slip Fit Lid	7.4 kg
Black 110-mil Inner Lid	7.7 kg
Black 110-mil Beveled Top	7.4 kg
White 90-mil Slip Fit Lid	7.5 kg
125-mil Rigid Liner Lid	1.3 kg
B251 Bag - Tare Weight	0.1 kg
55-Gallon Fiberboard Liner (90 Mil)	3.7 kg
5-Gallon drum (LANL)	2.3 kg
7-Gallon drum (LANL)	2.8 kg
10-Gallon drum (LANL)	7.5 kg
30-Gallon drum (LANL)	16.4 kg

Weighing Notes and Codes	
Record weights in kg out to one-tenth of a kg.	
Method of Weighing Codes:	
E	Estimated by Operator.
W	Weight measured by the Operator.

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Attachment 1 – CCP Waste Visual Examination General Information Form

Batch Data Report No.:_____

☐ VE for Previously Packaged Waste ☐ VE for Newly Generated Waste	
☐ Method 1 ☐ Method 2	
Site ID:	
Examination Date:	
Procedure No.:	Revision No.:
Camera/Audio/Video Media Recording Check: ☐ N/A	☐ SAT
VE Scale Information: ☐ N/A	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT
Test Weight Information Test Weight Total: kg. Tray Weight: kg.	Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date: Serial/ID Number: Calibration Due Date:
Container Scale Information:	Serial/ID Number: Calibration Due Date: Operational Check: ☐ SAT ☐ UNSAT
Comments:	
Visual Examination Operator 1: _____ _____ _____ Print Name Signature Date	
Visual Examination Operator 2: _____ _____ _____ Print Name Signature Date	

Attachment 2 – CCP Waste Visual Examination Data Form Page 1 of 5

Batch Data Report No.:_____

Section 1: Output Waste Container Data

Input Waste Container ID, as applicable:

Output Waste Container ID:	Waste Stream ID:

Container Type:	TRUCON Code:	Waste Matrix Code:

Audio/Video Media Recording Number: ☐ N/A Output Container Verified Empty ☐ NO ☐YES

Waste Container Weights:
Tare Wt: kg. Gross Wt: kg.

Poly Rigid Liner Present? ☐ NO ☐ YES Thickness: ☐ 30-mil ☐ 90-mil ☐ 110-mil ☐125-mil Other liner: ☐ Lead ☐ Fiberboard/Cardboard ☐ Other:	Poly Rigid Liner Lid Present? ☐ NO ☐ YES Poly Rigid Liner Lid is Vented (>0.3 in.) or Filtered? ☐ NO ☐ YES ☐ N/A ☐ Vented: Hole Size: ☐ N/A ☐ Filtered: Model No.: ☐ N/A Serial No.: ☐ N/A
Bag Liner Present? ☐ NO ☐ YES	Volume Utilization Percentage: %

Does the physical form of the waste match the Waste Stream Description (i.e., Homogeneous Solids, Soil/Gravel, or Debris Waste [including uncategorized metals])?
☐ NO ☐ YES

Does the physical form of the waste match the Waste Matrix Code?
☐ NO ☐ YES

Closure Method:
Number of Layers of Confinement:

Filter Torque Wrench	Lid Ring/Bolt Torque Wrench
Serial/ID No.: Calibration Due Date: Filter: Model No.: Serial No.: Torque Value:	Serial/ID No.: Calibration Due Date: Lid Ring/Bolt Torque Value:

Is total dose rate greater than 200mrem/hr? ☐ NO ☐ YES

NCR(s) associated with the output container? ☐ NO ☐ YES
NCR No.:_____
NCR No.:_____

Comments:

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Batch Data Report No.:_____ **Date:**_____

Section 2: Waste Package Data				
Package and Package TID Number (as applicable)	Waste Description	WMP [Table 3]	Weight (kg) [Table 4,[a]]	Weighing Code(s) [Table 4[b]]

Are there any indirect load containers associated with this BDR? Yes ☐ No ☐

_____ _____ _____
VEO 1: Print Name Signature Date

_____ _____ _____
VEO 2: Print Name Signature Date

VEO's signatures verify the absence of prohibited items in indirect load containers.

Output Waste Container ID:_____

TID Removed:_____ **TID Applied:**_____

_____ _____ _____
VEO 1: Print Name Signature Date

_____ _____ _____
VEO 2: Print Name Signature Date

VEO's signatures verify the loading of the indirect load container(s) into the output waste container.

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Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Batch Data Report No.:_____

Output Waste Container ID:_____

Section 3: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	
Plastics (PP):	
Cellulosic (C):	
Others:	
Total Packaging Weight:	
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	
Aluminum-based Metals/Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Batch Data Report No.:_____ Output Waste Container ID:_____

Section 4: Prohibited Item(s) Summary (Questions answered "YES" will be explained in the Comments block)		
	Yes	No
1. Is there any observable liquid present? If no, proceed to question 5	☐	☐
2. Is there any observable liquid in internal containers, that is more than 60 milliliters or 3 percent by volume, whichever is greater?	☐	☐
3. Is the total volume of observable liquid in the outermost container **GREATER** than 1% of the container?	☐	☐
4. Is there detectable observable liquid in containers with an EPA Hazardous Waste Number of U134?	☐	☐
5. Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	☐	☐
6. Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	☐	☐
7. Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does **NOT** match TRUCON Code[s])?	☐	☐
8. Is there an indication of wastes containing explosives or compressed gases?	☐	☐
9. Is there PCB liquids present?	☐	☐
10. Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	☐	☐
11. Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	☐	☐
TRUPACT II Criteria		
12. Are there heat-sealed bags (unvented) **GREATER** than 4 liters and LESS than 390 square inches in the waste?	☐	☐
13. Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	☐	☐
14. Are there sealed containers **GREATER** than 4 liters?	☐	☐
15. Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	☐	☐

Attachment 2 – CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Batch Data Report No.:_____ Output Waste Container ID:_____

Section 4: Prohibited Item(s) Summary (Continued)

(Questions answered "YES" will be explained in the Comments block)

Comments:

Section 5: Approvals

Visual Examination Operator 1:

Print Name	Signature	Date

Visual Examination Operator 2:

Print Name	Signature	Date

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.:_____ Page 1 of 2

Description		
1. Were data generation and reduction conducted in a technically correct manner in accordance with the methods used?	☐ NO	☐ YES
2. Was the correct revision of operating procedure used?	☐ NO	☐ YES
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☐ YES
4. Are the calculations performed on the VE Data Form correct?	☐ NO	☐ YES
5. Is the data reported in the correct units and correct number of significant figures?	☐ NO	☐ YES
6. Has the data been reviewed for transcription errors?	☐ NO	☐ YES
7. Does the Testing Batch Report include VE for 20 containers or less?	☐ NO	☐ YES
8. Are BDR contents complete and do they match BDR Table of Contents?	☐ NO	☐ YES
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☐ YES
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☐ YES
11. Were changes made to original data? If NO, proceed to question 14.	☐ NO	☐ YES
12. Have all changes to original data been lined out, initialed and dated by the individual making the changes?	☐ NO	☐ YES
13. Were the data changes made by the individual who originally collected the data or by an equally qualified individual?	☐ NO	☐ YES
14. Did the physical form of the waste match the Waste Matrix Code and Waste Stream Description?	☐ NO	☐ YES
15. Has each container in this BDR been evaluated for the presence of prohibited items?	☐ NO	☐ YES
16. Is there an adequate written description of the contents of each container?	☐ NO	☐ YES
17. Was a scale(s) used? If NO, proceed to question 20.	☐ NO	☐ YES
18. Were the scale(s) in calibration prior to the VE and documented correctly?	☐ NO	☐ YES
19. Were the scale(s) checks SAT prior to the VE and documented correctly?	☐ NO	☐ YES
20. Was VE of each container performed by at least two qualified VEO's or was an Audio/Video recording properly prepared for each container?	☐ NO	☐ YES

Attachment 3 – CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: _____ Page 2 of 2

Description		
21. Was an NCR required at the data generation level? If NO, proceed to question 23.	☐ NO	☐ YES
22. Is a copy of the NCR included in the BDR?	☐ NO	☐ YES
23. Were the QAO's (precision, accuracy, completeness, comparability) met?	☐ NO	☐ YES
Precision – Precision is maintained by reconciling any discrepancies between the operator and the independent technical reviewer with regard to identification of waste matrix code, liquids in excess of TSDF-WAC limits, and compressed gases. Accuracy – Accuracy is maintained by requiring operators to pass a comprehensive examination and demonstrate satisfactory performance in the presence of the VE expert during their initial qualification. VE operators shall be re-qualified every two years. Completeness – A validated VE data form will be obtained for 100 percent of the waste containers subject to VE. Comparability – The comparability of VE data from different operators shall be enhanced by using standardized VE procedures and operator qualifications.		

Comments:

I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable.

Independent Technical Reviewer:

Printed Name	Signature	Date

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Attachment 4 – CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: _____ Examination Date: _____

Table of Contents		
Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	
2	CCP Waste VE Batch Data Report Table of Contents	
3	CCP Waste Visual Examination General Information Form	
4	CCP Waste Visual Examination Data Forms	
5	CCP Waste VE Independent Technical Reviewer Checklist	
6	Copy of NCRs (N/A, If Not Applicable)	
7	Field Records (N/A, If Not Applicable)	

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Attachment 5 – CCP Waste VE Batch Data Report Cover Sheet

Batch Data Report No.: _____ Examination Date: _____

	Waste Container ID Number:
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

Independent Technical Reviewer:

_____	_____	_____
Print Name	Signature	Date

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Attachment 6 – CCP Newly Generated Waste Container Data

Batch Data Report No.: _____ Examination Date: _____

Container ID	Waste Stream ID	Generation Date	Closure Date	Vent Date	Container Type

VPM/Designee:

_____ _____ _____
Print Name Signature Date

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CCP-TP-120

Revision 16

CCP
Container Management

EFFECTIVE DATE: 06/18/2013

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	11/25/2003	Initial Issue.
1	03/26/2004	Incorporated CBFO Comment Resolutions: Revised step 4.1.5, inserted step 4.1.6 for VPM review and approval of Attachment 3, and inserted a VPM signature line on Attachment 3. Inserted step 3.7, VE Operator responsibilities into Section 3.0. Updated Sections 3.0, 4.0 and Attachments 1 and 2 for the container processes.
2	09/16/2005	Revised to address identification and control of filters installed in waste drums, formalize the inspections of drums as part of pre-screening activities, and to ensure proper checks are performed at the various processing areas.
3	03/31/2006	Revised to clarify filter inspections and add Visual Examination (VE) Random Selection responsibilities.
4	08/10/2006	Changes as a result of CAR-LANL-0006-06.
5	09/20/2006	Revised in response to CAR No.: 06-037.
6	02/09/2007	Revised to change method of container filter selection.
7	03/06/2007	Revised Section 4.4, and added new Section 4.5 for the Flammable Gas Analysis (FGA) process.
8	05/04/2007	Revised to separate Headspace Gas (HSG) from Flammable Gas Analysis (FGA) processing and tracking on the traveler.
9	07/16/2007	Revised to allow Visual Examination (VE) of Newly Generated Waste Containers not on the Acceptable Knowledge (AK) Tracking Spreadsheet.
10	10/11/2007	Revised to clarify that VE of Newly Generated Waste Containers at LANL is not an approved, certified process and the appropriate controls for such containers.
11	01/08/2008	Revised to clarify container inspection steps.
12	06/23/2008	Revised to clarify additional requirements for the use of Vendor Project Manager (VPM) Administrative Hold Indicators. Provided clarification in Section 4.1 of Operational Scale Checks, and made editorial changes.

RECORD OF REVISION (CONTINUED)

Revision Number	Date Approved	Description of Revision
13	09/21/2009	Revised to remove Vendor Project Manager (VPM) Administrative Hold controls on Visual Examination (VE) of newly generated waste containers as it is now a certified process at Los Alamos National Laboratory (LANL).
14	02/10/2010	Revised in response to Corrective Action Report (CAR)-Los Alamos National Laboratory (LANL)-0006-09 and to clarify when a waste container must be put through container management.
15	02/11/2013	Revised to require that the Vendor Project Manager (VPM) notify the Site Project Manager (SPM) when VPM Administrative Hold Indicators are being hung on containers in response to CAR-SRS-0002-12.
16	06/18/2013	Revised to incorporate the Class 2 permit modification approved by New Mexico Environment Department (NMED) on March 13, 2013.

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1.0 PURPOSE

This procedure describes and implements the Central Characterization Program (CCP) management control and tracking of transuranic (TRU) waste containers during the characterization process.

1.1 Scope

This procedure applies to personnel who support CCP TRU waste characterization activities at the Los Alamos National Laboratory (LANL). The Host site may use their procedures for container movement and handling. Container tracking and management through CCP activities will be conducted using this procedure.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- CCP-PO-003, *CCP Transuranic Authorized Methods for Payload Control (CCP CH-TRAMPAC)*

Referenced Documents

- CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control*
- CCP-QP-008, *CCP Records Management*
- CCP-TP-082, *CCP Waste Container Filter Vent Operation*

2.2 Training Requirements

2.2.1 None.

2.3 Equipment List

2.3.1 None.

2.4 Precautions and Limitations

2.4.1 If steps in the procedure CAN **NOT** be completed, then work must be STOPPED, equipment placed in a safe configuration, and the Vendor Project Manager (VPM)/Designee notified.

2.4.2 Workers who will be working in a radiation area must have read and signed that they understand the applicable Radiation Work Permit.

2.5 Prerequisite Actions

2.5.1 None.

3.0 RESPONSIBILITIES

NOTE

The CCP Container Traveler (Label) (see Attachment 1, CCP Container Traveler [Label], for an example) is a label which will be affixed to the container. The CCP Container Traveler (Label) will contain a minimum of the following information when completed: Container Identification (ID), Waste Stream ID, Gross Weight, Nondestructive Examination (NDE), Nondestructive Assay (NDA), and Flammable Gas Analysis (FGA) Completion Date.

3.1 VPM/Waste Handler/Designee

3.1.1 Ensure containers meet the safety requirements throughout the characterization process.

3.1.2 Schedules and Coordinates movement of containers to/from the characterization units and container staging/storage areas.

3.1.3 Assists with the segregation of deficient containers.

3.1.4 Ensures CCP HOLD TAGs are attached to identify waste containers.

3.2 Site Project Manager (SPM)

3.2.1 Ensures containers with VPM administrative hold tags are controlled electronically.

3.3 Nondestructive Examination (NDE) Operator

3.3.1 Records and updates the applicable NDE information on the CCP Container Traveler (Label).

3.3.2 Provides the container processing information (Container ID Number, Batch Data Report [BDR] Number, Nonconformance Report [NCR] Number if applicable, and reason for NCR) to the VPM/Designee.

3.4 Nondestructive Assay (NDA) Operator

3.4.1 Records and updates the applicable NDA information on the CCP Container Traveler (Label).

3.5 Flammable Gas Analysis (FGA) Operator

3.5.1 Records and updates the applicable FGA information on the CCP Container Traveler (Label).

3.6 Visual Examination (VE) Operator

3.6.1 Affixes, records and updates CCP Container Traveler (Label).

3.7 Facility Records Custodian

3.7.1 Receives, processes, and transmits all records generated by this procedure in accordance with CCP-QP-008, *CCP Records Management*.

4.0 PROCEDURE

NOTE

Within the constraints of this procedure and in order to meet operational needs, the VPM/Designee may redirect drums as required to allow for process efficiencies or corrective action for nonconforming conditions. The CCP Container Traveler (Label) serves as the container status indicator throughout characterization activities.

NOTE

VPM Administrative Hold Indicators are affixed to containers for various administrative reasons throughout this procedure. When a VPM Administrative Hold Indicator is applied to a container(s), the SPM must be notified and will determine if an NCR needs to be generated.

NOTE

If an NCR (CCP-QP-005, *CCP TRU Nonconforming Item Reporting and Control,* Attachment 1, CCP Nonconformance Report [NCR]) is initiated at anytime in the Process (from the initial introduction of the container, into the Process, to shipment of the container to the Waste Isolation Pilot Plant [WIPP]), the affected container(s) shall have a CCP HOLD TAG applied and be physically segregated if practical. Normally, the container may continue through the characterization process. If this is **NOT** the case, limitations or actions required in the approved NCR disposition shall be included on the HOLD TAG. In NO case, shall the container proceed to shipment until the NCR disposition is complete.

NOTE

NO container may be processed without a completed container integrity inspection.

NOTE

Sections 4.1 through 4.5 may be performed independently.

4.1 Container Inspection, Weighing, and Scale Operational Check

NOTE

The inspection criteria in Attachment 2, Container Inspection Report are used to determine if the container can be safely handled. Containers that DO **NOT** meet container integrity requirements and are **NOT** safe to handle shall be returned to the Host site.

NOTE
Step 4.1.1 through step 4.1.6 SHALL be performed for each container.

NOTE
Off-Site Source Recovery Project (OSRP) containers are packaged off-site and shipped to LANL. When the containers are received, they will be weighed and inspected prior to being added to the AK Tracking Spreadsheet.

NOTE
Newly generated waste containers may go through VE prior to being added to the AK Tracking Spreadsheet. Container integrity inspections, weighing, and CCP Container Traveler (Label) application will be performed at that time. Container information collected during the VE will be forwarded to the VPM/Designee for addition to the AK Tracking Spreadsheet. Containers should not go through further certified processes until the container has been added to the AK Tracking Spreadsheet.

VPM/Waste Handlers/Designee

4.1.1 Verify containers have a Container ID Number and Waste Stream ID, **AND** are on the AK Tracking Spreadsheet, which is available at https://sftp.wipp.energy.gov.

[A] **IF** containers are **NOT** on the AK Tracking Spreadsheet **AND** are OSRP containers,
THEN attach a VPM Administrative Hold Indicator to the CCP Container Traveler (Label) when it is applied.

[B] **IF** containers are newly generated, **AND** VE has been performed,
THEN Section 4.1 may be performed prior to the container being added to the AK Tracking Spreadsheet.

NOTE
Steps 4.1.2[B] and 4.1.2[D] may be performed simultaneously.

Steps 4.1.3 and 4.1.4 may be performed at any time between Steps 4.1.1 and 4.1.7

4.1.2 Perform the following and document results on Attachment 2.

[A] Verify Container ID Number.

[B] Perform Structural Integrity and Distortion Inspection per Attachment 4, Structural Integrity and Distortion Inspections Criteria.

[B.1] **IF** container meets inspection criteria,
THEN mark SAT.

[B.2] **IF** container does not meet inspection criteria,
THEN mark UNSAT, **AND** DO **NOT** accept the container.

[C] Verify the container is safe to handle.

[C.1] **IF** the container is safe to handle,
THEN mark YES.

[C.2] **IF** the container is unsafe to handle,
THEN mark NO, DO **NOT** accept the container,
AND return the container to the Host site.

[D] Inspect each container for a completed radiological label/tag, **AND** ensure the completed radiological label/tag is legible and records a radiation dose equivalent rate of less than 200 mrem/hr at surface.

[D.1] **IF** incomplete **OR** NO radiological label/tag is attached to the container,
THEN STOP WORK on container, **AND** request a Radiological Control Technician to perform survey.

[D.2] **IF** completed radiological label/tag reports greater than or equal to 200 mrem/hr at surface,
THEN mark UNSAT, STOP WORK on the container,
AND notify VPM/Designee.

[D.3] **IF** completed radiological label/tag reports less than 200 mrem/hr at surface,
THEN mark SAT.

4.1.3 Initiate the CCP Container Traveler (Label) for each waste container, record the Container ID and Waste Stream ID **OR** OSRP (in place of Waste Stream ID), **AND** initial and date.

4.1.4 Attach the CCP Container Traveler (Label) to the top of the waste container.

4.1.5 Perform container filter inspection, as follows:

[A] Verify manufacture ID, **AND** record on Attachment 2.

[B] Verify filter model number as follows, **AND** record on Attachment 2.

[B.1] Verify the model number is clearly marked on the filter and the model number is on the Carlsbad Field Office (CBFO)-approved filter list at www.wipp.energy.gov/ntpxport

[B.2] **IF** the model number is **NOT** clearly marked on the filter,
THEN verify the filter is a Nucfil Model 013, 072, or 073, as provided in training materials.

[B.3] **IF** the model number is **NOT** on the CBFO-approved list,
THEN schedule the waste container for a filter changeout in accordance with CCP-TP-082, *CCP Waste Container Filter Vent Operation.*

(a) **AFTER** filter changeout,
THEN REPEAT step 4.1.5.

[C] Verify manufacture date **OR** serial number of filter, **AND** record on Attachment 2.

NOTE

If necessary, assistance SHALL be requested from qualified personnel to ensure that the filter vent is seated properly.

[D] Ensure filter has proper gasket seating and/or tightness.

[D.1] **IF** the filter is **NOT** found to be adequate,
THEN schedule the container for a filter changeout in accordance with CCP-TP-082.

(a) **AFTER** filter changeout,
THEN REPEAT step 4.1.5.

4.1.6 **IF** the container is safe to handle **AND** meets the filter inspection criteria,
THEN accept the container for characterization activities.

4.1.7 Perform scale operational check **AND** container weighing operations.

[A] On each day the scale is used, perform the following:

[A.1] **IF** the scale is an electronic scale,
THEN either verify the scale is turned ON, **OR** turn the power ON to the scale.

[A.2] Record the Scale ID Number, Location, and Scale Calibration Due Date on Attachment 3, CCP Scale Operational Check and Container Weight Information.

[A.3] Verify the scale calibration date is valid.

(a) **IF** the scale calibration date is **NOT** valid,
THEN record NO on Attachment 3, **AND** return scale to Host site for recalibration.

(b) **IF** the scale calibration date is valid,
THEN record YES on Attachment 3.

[A.4] Check that the scale reads zero when **NOT** loaded.

(a) **IF** the scale DOES **NOT** read zero,
THEN re-zero the scale in accordance with the manufacturer's instructions.

[A.5] Perform an operational check to verify the scale response is satisfactory as follows:

(a) Place a known calibrated check weight on the scale, **AND** verify the scale reads within 1.0 percent of the check weight used.

(a.1) **IF** the scale reads within the operational range,
THEN record SAT on Attachment 3.

(a.2) **IF** the scale reads outside of the operational range,
THEN STOP WORK, record UNSAT on Attachment 3, **AND** return scale to Host site for recalibration.

(b) Return the check weight to its storage location.

[A.6] Initial and date Attachment 3.

[B] Weigh the containers as follows:

NOTE
Steps 4.1.7[B.1] and [B.2] can be performed in either sequence.

NOTE
Steps 4.1.7[B.1] through 4.1.7[B.5] shall be performed for each container.

[B.1] Ensure the CCP Container Traveler (Label) is affixed to the container.

[B.2] Load the container onto the scale, **AND** allow the scale reading to stabilize.

[B.3] Record the container's ID number and gross weight (pounds [lbs] and kilograms [kg]) on Attachment 3 and the CCP Container Traveler (Label), as necessary.

[B.4] Initial and date the CCP Container Traveler (Label), and Attachment 3 for obtaining the certification weight.

[B.5] Remove the container from the scale.

NOTE
The preparer and approver of Attachment 2 and Attachment 3 must be different individuals.

4.1.8 Print name, sign, and date Attachment 2 and Attachment 3, **AND** submit to the VPM/Designee for review and approval.

VPM/Designee

4.1.9 Review, print name, sign, and date Attachment 2 and Attachment 3, **AND** submit to the Facility Records Custodian.

4.2 NDE Process

NDE Operator

4.2.1 Verify that the containers delivered to the NDE process are on the AK Tracking Spreadsheet.

4.2.2 **IF** the containers are **NOT** the correct containers to be processed (e.g., **NOT** listed on the AK Tracking Spreadsheet),
THEN return the containers to the Host site in lieu of processing.

4.2.3 Verify the CCP Container Traveler (Label) is affixed to the container.

[A] **IF** NO CCP Container Traveler (Label) is affixed to the container,
THEN STOP WORK on container, **AND** notify the VPM/Designee.

[B] **IF** the CCP Container Traveler (Label) is affixed to the container,
THEN perform NDE in accordance with approved procedures.

4.2.4 Indicate system certification status by circling YES or NO on the CCP Container Traveler (Label), **AND** initial and date.

[A] **IF** system is **NOT** certified,
THEN perform the following:

[A.1] Attach a VPM Administrative Hold Indicator to the container.

[A.2] Notify the SPM and provide the container ID and reason for applying the tag.

SPM

[A.3] SPM shall place the container on hold within the IDC by generating a VPM HOLD Exclusion or adding the affected container to an exclusion that already exists.

4.2.5 Document the NDE completion on the CCP Container Traveler (Label) by circling YES, **AND** initial and date.

4.2.6 Provide the container processing information (Container ID Number, BDR Number, NCR Number if applicable, reason for NCR) to the VPM/Designee.

4.3 NDA Process

NDA Operator

4.3.1 Verify that the containers delivered to the NDA process are on the AK Tracking Spreadsheet.

4.3.2 **IF** the containers are **NOT** the correct containers to be processed (e.g., **NOT** listed on the AK Tracking Spreadsheet),
THEN return the container to the Host site in lieu of processing.

4.3.3 Verify the CCP Container Traveler (Label) is affixed to the waste container.

[A] **IF** NO CCP Container Traveler (Label) is affixed to the container,
THEN STOP WORK on container, **AND** notify the VPM/Designee.

[B] **IF** the CCP Container Traveler (Label) is affixed to the container,
THEN perform NDA in accordance with approved procedures.

4.3.4 Document the preliminary Pu-239 Fissile Gram Equivalent (FGE) value (plus 2-sigma) on the CCP Container Traveler (Label), **AND** initial and date.

[A] **IF** the preliminary Pu-239 FGE value (plus 2-sigma) is **NOT** immediately available,
THEN record Not Available (N/A) on the CCP Container Traveler (Label).

4.3.5 Indicate system certification status by circling YES or NO on the CCP Container Traveler (Label), **AND** initial and date.

[A] **IF** system is **NOT** certified,
THEN perform the following:

[A.1] Attach a VPM Administrative Hold Indicator to the container.

[A.2] Notify the SPM and provide the container ID and reason for applying the tag.

SPM

[A.3] SPM Shall place the container on hold within the IDC by generating a VPM HOLD Exclusion or adding the affected container to an exclusion that already exists.

4.3.6 Document the NDA completion on the CCP Container Traveler (Label) by circling YES, **AND** initial and date.

4.3.7 Provide the container processing information (e.g., Container ID Number, BDR Number, NCR Number, reason for NCR) to the VPM/Designee.

4.4 Flammable Gas Analysis (FGA) Process

FGA Operator

4.4.1 Verify the containers identified for FGA sampling are on the AK Tracking Spreadsheet.

4.4.2 Move the waste containers identified for FGA sampling to an approved sampling area.

4.4.3 Verify the CCP Container Traveler (Label) is affixed to the container.

[A] **IF** NO CCP Container Traveler (Label) is affixed to the container,
THEN STOP WORK on container, **AND** notify the VPM/Designee.

[B] **IF** the CCP Container Traveler (Label) is affixed to the container,
THEN perform FGA sampling in accordance with approved procedures.

4.4.4 Document the FGA completion on the CCP Container Traveler (Label) by circling YES, **AND** initial and date.

4.5 VE Process

VE Operator

4.5.1 **IF** container is newly generated **AND** VE has been performed, **THEN** GO TO step 4.5.3.

4.5.2 Verify the container has a CCP HOLD TAG attached that requires VE or contains an un-penetrable item identified during pre-screening process.

[A] **IF** the container DOES **NOT** meet one of the conditions required above, **THEN** STOP WORK on container, **AND** notify VPM/Designee.

[B] **IF** the container was selected for VE, **THEN** perform VE in accordance with approved procedures.

NOTE

When a legacy waste container completes the VE process at LANL the resulting output waste container(s) are assigned a new container ID number(s). Section 4.5.3 can be performed on the output waste container(s) using the new container ID number(s) and the waste stream ID from the original container. Verification that the waste container is on the AK Tracking List is not required for completing this section. Prior to the waste container completing any subsequent characterization, verification that the waste container ID is on the AK Tracking List is necessary.

4.5.3 **WHEN** VE Operations have been completed, **THEN** ensure a new CCP Container Traveler (Label) is attached to the container, **AND** record the following:

[A] Container ID.

[B] Waste Stream ID.

[B.1] Initial and date confirming Container ID and Waste Stream ID.

[C] Gross Weight (lbs and kg) and initials and date.

4.5.4 Indicate system certification status by circling YES or NO on the CCP Container Traveler (Label), **AND** initial and date.

[A] **IF** system is **NOT** certified, **THEN** perform the following:

[A.1] Attach a VPM Administrative Hold Indicator to the container.

[A.2] Notify the SPM and provide the container ID and reason for applying the tag.

SPM

[A.3] SPM shall place the container on hold within the IDC by generating a VPM HOLD Exclusion or adding the affected container to an exclusion that already exists.

4.5.5 Document the VE completion on the CCP Container Traveler (Label) by circling YES, **AND** initial and date.

4.5.6 Provide the container processing information (e.g., Container ID Number, Waste Stream ID, BDR Number, NCR Number if applicable, reason for NCR) to the VPM/Designee.

Facility Records Custodian

4.5.7 Receive, process, and transmit all records generated by this procedure in accordance with CCP-QP-008.

5.0 RECORDS

5.1 Records generated during the performance of this procedure are maintained as quality assurance (QA) records in accordance with CCP-QP-008. The records are the following:

5.1.1 QA/Lifetime

[A] Attachment 2, Container Inspection Report

[B] Attachment 3, CCP Scale Operational Check and Container Weight Information

Attachment 1 – CCP Container Traveler (Label) (EXAMPLE)

Container ID:_____ _____ / _____
Date Initials

Waste Stream ID:_____

Gross Weight: _____ lbs. / _____ kg. _____ / _____
Date Initials

NDE

System Certified (circle one)? YES NO
(If NO, place under VPM Administrative Hold) _____ / _____
Date Initials

NDE Complete (circle one)? YES NO _____ / _____
Date Initials

NDA

System Certified (circle one)? YES NO
(If NO, place under VPM Administrative Hold) _____ / _____
Date Initials

NDA Complete (circle one)? YES NO _____ / _____
Date Initials

Pu 239 FGE: _____ _____ / _____
Value (Plus 2-sigma) Date Initials

FGA

FGA Complete (circle one)? YES NO _____ / _____
Date Initials

VE

Process Certified (circle one)? YES NO
(If NO, place under VPM Administrative Hold) _____ / _____
Date Initials

VE Complete (circle one)? YES NO _____ / _____
Date Initials

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Attachment 2 – Container Inspection Report

Safe to Handle YES/NO		Container ID Number	Structural Integrity and Distortion Inspection SAT UNSAT		RAD Tag <200 mrem/hr at surface SAT UNSAT		Filter Information (Manufacture ID, Filter Model #, Manufacture Date OR Serial #)	
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		
YES	NO		SAT	UNSAT	SAT	UNSAT		

Comments:

Completed by: _____ _____ _____ VPM/Designee Approval: _____ _____ _____

Print Name Signature Date Print Name Signature Date

NOTE: If NO, circled in first column (Safe to Handle), DO NOT accept container.

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Attachment 3 – CCP Scale Operational Check and Container Weight Information

PART I
Scale Operational Check Information

Scale ID #	Location	Scale Calibration Due Date	Scale Calibration Date Valid (YES / NO)	Scale Cal Check (SAT / UNSAT)	Initials	Date

PART II
Container Weight Information

Container ID #	Gross Weight (Lbs)	(Kgs)	Initials	Date

Completed By: _____ _____ _____
Print Name **Signature** **Date**

VPM/Designee: _____ _____ _____
Print Name **Signature** **Date**

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Attachment 4 – Structural Integrity and Distortion Inspections Criteria

CONTAINER EXAMINATION		DISCUSSION OF CRITERIA
1.	Is the payload container obviously degraded?	Obviously degraded means clearly visible and potentially significant defects in the payload container or payload container surface.
2.	Is there evidence that the payload container is, or has been, pressurized?	Pressurization can be indicated by a fairly uniform expansion of the sidewalls, bottom, or top. Past pressurization can be indicated by a notable outward deflection of the bottom or top. Verify that the drum is not warped.
3.	Is there any potentially significant rust or corrosion such that wall thinning, pin holes, or breaches are likely or the load-bearing capacity is suspect?	Rust shall be assessed in terms of its type, extent, and location. Pitting, pocking, flaking, or dark coloration characterizes potentially significant rust or corrosion. This includes the extent of the payload container surface area covered, thickness, and, if it occurs in large flakes or built-up (caked) areas. Rusted payload containers may **NOT** be accepted if: • Rust is present in caked layers or deposits. • Rust is present in the form of deep metal flaking, or built-up areas of corrosion products. In addition, the location of rust should be noted; for example on a drum: top lid; filter region; locking chine; top one-third, above the second rolling hoop; middle one-third, between the first and second rolling hoops; bottom one-third, below the second rolling hoop; and on the bottom. Payload containers may still be considered acceptable if the signs of rust show up as: • Some discoloration on the payload container • If rubbed would produce fine grit or dust or minor flaking (such that wall thinning does not occur)
4.	Are any of the following apparent? • wall thinning • pin holes • breaches	Wall thinning, pin holes, and breaches can be a result of rust/corrosion (see discussion for #3).

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Attachment 4 – Structural Integrity and Distortion Inspections Criteria (Continued)

CONTAINER EXAMINATION		DISCUSSION OF CRITERIA
5.	Are there any split seams, tears, obvious holes, punctures (of any size), creases, broken welds, or cracks?	Payload containers with obvious leaks, holes or openings, cracks, deep crevices, creases, tears, broken welds, sharp edges or pits, are either breached or on the verge of being breached. Verify that there is no warpage that could cause the container to be unstable or prevent it from fitting properly in the TRUPACT-II.
6.	Is the load-bearing capacity suspect?	The load-bearing capacity could be reduced for excessive rust (see discussion for #3), wall thinning (see discussion for #4), breaches, cracks, creases, broken welds, etc. (see discussion for #5).
7.	Is the payload container properly closed?	Inspect the fastener and fastener ring (chine), if applicable, for damage or excessive corrosion. Check the alignment of the fastener to ensure that it is in firm contact around the entire lid and the payload container will not open during transportation.
8.	Are there any dents, scrapes, or scratches that make the payload container's structural integrity questionable or prevent the top and bottom surfaces from being parallel?	Deep gouges, scratches, or abrasions over wide areas are not acceptable. If top and bottom surfaces are not parallel, this would indicate that the container is warped. Dents should be less than ¼ inch deep by 3 inches long and between ½ inch to 6 inches wide. All other dents must be examined to determine impact of structural integrity.
9.	Is there discoloration which would indicate leakage or other evidence of leakage of material from the payload container?	Examine the payload container regions near vents, top lid fittings, bottom fittings, welds, seams and intersections of one or more metal sheets or plates. Payload containers must be rejected if evidence of leakage is present.
10.	Is the payload container bulged?	For the purposes of this examination, bulging is indicated by: • A fairly uniform expansion of the sidewalls, bottom, or top (e.g., in the case of a drum, either the top or bottom surface protrudes beyond the planar surface of the top or bottom ring); • A protrusion of the side wall (e.g., in the case of a drum, beyond a line connecting the peaks of the surrounding rolling hoops or a line between a surrounding rolling hoop and the bottom or top ring); or • Expansion of the sidewall (e.g., in the case of a drum, such that it deforms any portion of a rolling hoop).

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CCP-TP-122

Revision 5

CCP
RTR #2
Operating Procedure

EFFECTIVE DATE: 08/12/2014

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	03/16/2004	Initial Issue
1	10/13/2005	Procedure revised to reflect changes made to the real-time radiography (RTR) system, revised records section and made other clarifications.
2	12/18/2006	Revised to implement the Waste Isolation Pilot Plant Hazardous Waste Facility Permit requirements resulting from the Section 311/Remote-Handled (RH) Permit Modification Request (PMR).
3	01/30/2008	Revised to incorporate additional hazard control methods.
4	08/27/2013	Revised to incorporate freeze file.
5	08/12/2014	Procedure revised to incorporate the following: • Procedure revision for P 121 • Department title for RP-PROG • Corrected editorial inconsistencies • Deleted sections from responsibilities for personnel with no steps in the procedure • Made changes to the Procedure Section to make the procedure more user friendly and less cumbersome to use

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1.0 PURPOSE

The purpose of this procedure is to provide instructions for safe start-up, operation, and shut-down of the mobile real-time radiography (RTR) system, Los Alamos National Laboratory (LANL) RTR #2.

1.1 Scope

This procedure applies to LANL RTR #2 activities performed by qualified RTR Operators. Maintenance activities are outside the scope of this procedure.

2.0 REQUIREMENTS

2.1 References

Baseline Documents

- CCP-TP-053, *CCP Standard Real-Time Radiography (RTR) Inspection procedure*
- LANL EP-DIV-AP-09, *EWMO Lockout/Tagout Administrative Controls*

Referenced Documents

- P 101-3, *Lockout/Tagout for Hazardous Energy Control*
- P 121-4, *Radiation Protection*
- CCP-PO-005, *CCP Conduct of Operations*
- CCP-QP-002, *CCP Training and Qualification Plan*
- CCP-QP-008, *CCP Records Management*

2.2 Training Requirements

2.2.1 Personnel performing this procedure will be trained and qualified in accordance with CCP-QP-002, *CCP Training and Qualification Plan,* prior to performing this procedure.

2.3 Equipment List

- Allen Wrench
- RTR System
- Personal Protective Equipment (PPE)
- Nondestructive Examination (NDE) Operational Logbook

2.4 Software

2.4.1 None.

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2.5 Precautions and Limitations

2.5.1 If during the course of performing this procedure a change occurs that causes deviation from the normal process, **AND** this condition can **NOT** be corrected as directed in this procedure, RTR Operators shall IMMEDIATELY STOP WORK and notify the Vendor Project Manager (VPM) and the RTR Lead Operator (LO) or designee.

2.5.2 If containers are not able to be unloaded from the system, RTR Operators will record the container numbers and their status in the NDE Operational Logbook and notify the TA-54 Operations Center, VPM and LO.

2.5.3 Verify container numbers and their status outside of the x-ray vault.

2.5.4 PPE for normal operations are safety shoes and safety glasses. Leather gloves will be worn when handling drums or performing activities where pinch point hazards exist.

2.5.5 Personnel will remain clear of the external shield door, transfer cart, and moving equipment when the system is energized.

2.5.6 The RTR system generates x-rays (up to 450 kilovolts [kV]). Personnel will avoid radiation exposure by observing all warning devices and personnel barriers. An interlock system will de-energize x-ray generation when one of the x-ray vault doors is opened. A radiation survey is required before entering the x-ray vault.

2.5.7 RTR Operators will ensure the x-ray vault is clear of personnel and the shield doors are closed prior to start-up of the x-ray system. To facilitate this, a Closed-Circuit Television (CCTV) system has been installed.

2.5.8 By design, there is NO exposed lead. However, precautions should be taken **NOT** to damage the steel x-ray vault lining as this may cause exposure to lead. If exposed lead is discovered, report this condition to the VPM so it can be isolated.

2.5.9 RTR Operators will ensure electrical panels and junction boxes are closed, equipment and moving parts are clear of foreign objects, and personnel are clear of the equipment prior to start-up of the RTR system.

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2.5.10 Personnel who will be working in a radiation area must have read and signed that they understand the controlling work package Radiation Work Permit (RWP) and Integrated Work Document (IWD).

2.5.11 A radiation survey must be performed prior to entry into the x-ray vault by qualified personnel following the conclusion of an exposure to verify the x-ray tube has been de-energized.

2.5.12 When entry into the x-ray vault is required during operations, the system will be de-energized by removing the Control Panel Power key and the x-ray key **OR** a lockout/tagout (LO/TO) shall be applied to the Programmable Logic Controller (PLC) Power Supply before entry into the x-ray vault.

2.5.13 If entry into the x-ray vault is being performed using Key Control, the Control Panel Power and x-ray keys will be maintained by the qualified RTR person entering the x-ray vault.

2.5.14 When entering the x-ray vault using Key Control, actions are limited to checking oil levels, installing the lines pair gauge and measuring stick, performing visual inspections of equipment, or centering drums on the turntable.

2.5.15 Entry of multiple personnel into the x-ray vault requires a (LO/TO) applied by personnel qualified in accordance with P 101-3, *Lockout/Tagout for Hazardous Energy Control.*

2.5.16 If entry is required for actions other than checking oil levels, installing the lines pair gauge and measuring stick, performing visual inspections of equipment, or centering drums on the turntable, a LO/TO SHALL be applied by personnel qualified in accordance with P 101-3 to the PLC Power Supply prior to entry into the x-ray vault.

2.5.17 DO **NOT** sit, stand, climb, or walk on the transfer cart or equipment in the x-ray vault due to potential pinching/falling hazards.

2.5.18 The personnel access door to the x-ray vault SHALL remain shut except when the x-ray vault is occupied.

2.5.19 RTR Operator shall ensure all equipment guards are installed prior to system operation.

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2.6 Prerequisite Actions

2.6.1 Conduct a safety walk-down of the equipment, **AND** record results in the NDE Operational Logbook at the beginning of each shift.

2.6.2 VPM or designee, verify the RTR Lead Operator and RTR Operator(s) qualifications are current.

2.6.3 Verify the x-ray RP-PROG compliance label, located on the x-ray Control Panel, is current.

[A] **IF** the radiation leak check has expired,
THEN DO **NOT** proceed with RTR operations until Radiation Protection Services personnel perform and document a radiation leak check and certify the RTR system is operating within allowable limits.

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3.0 RESPONSIBILITIES

3.1 RTR Operator

3.1.1 Operates the RTR System.

3.1.2 Maintains the NDE Operational Logbook.

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4.0 PROCEDURE

NOTE

Cart movement speed, x-ray tube/Image Intensifier (II) vertical speed, and turntable rotational speeds are controlled by potentiometers located on the control panel. These adjustments are made at the operator's discretion.

NOTE

Vault monitoring device verifications may be made during the course of the day by RTR qualified personnel once an initial rad survey has been conducted by Host site personnel.

4.1 RTR System Start-up

4.1.1 Verify there are NO personnel in the x-ray vault.

4.1.2 Obtain the Control Panel Power key and the x-ray key from the lock box adjacent to the RTR Operator's control panel.

4.1.3 Contact RCT to perform initial rad survey OR verify monitoring device to verify x-ray tube has been de-energized.

[A] Once initial rad survey is satisfactory,
THEN qualified RTR personnel performs a safety walk down inside x-ray vault, and performs oil level check.

[B] Record abnormal findings from surveys in logbook.

[C] **IF** initial rad survey is unsatisfactory,
THEN notify VPM and LO.

4.1.4 Insert the Control Panel Power key into the Control Panel Power key switch, on the left side of the center Control Panel desk, **AND** turn the switch to the ON position to provide power to the RTR system.

[A] Verify the light adjacent to the Control Panel Power key switch has illuminated.

4.1.5 Ensure audio/video recording, display, and processing equipment as indicated are energized.

4.1.6 Ensure surveillance cameras are powered ON, **AND** video monitor displays an image from all four cameras.

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NOTE

The x-ray key switch on the MP1 controller has three positions:

1. (Symbol O) Power switched OFF to controller;
2. (Symbol ~) Main is ON;
3. (Symbol Lightning Bolt) High Tension (HT) on Enable.

4.1.7 Insert the x-ray key into the x-ray key switch on the MP1 controller, **AND** turn the x-ray key to position 2.

4.1.8 Verify the operability of door interlocks by performing the following:

[A] Verify the safety light is illuminated on the MP1 controller.

[B] OPEN the personnel access door to the x-ray vault.

[C] Verify the safety light is extinguished.

WARNING

Personnel shall use caution when opening or closing of the personnel door to x-ray vault, due to potential pinch points.

[D] CLOSE the personnel access door.

[E] Verify the safety light is illuminated.

WARNING

Prior to initiating the AUTO IN or AUTO OUT sequence, visually verify the x-ray vault is clear of personnel and outside rails are clear of personnel/obstructions. This may be performed utilizing the surveillance system cameras.

[F] Press the AUTO OUT button on the control panel.

[G] **WHEN** the rear x-ray vault door opens,
THEN verify the safety light is extinguished.

[H] Verify the cart moves freely.

[I] Press the AUTO IN button.

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[J] **WHEN** the rear x-ray vault door closes,
THEN verify the safety light is illuminated.

[K] Depress the E-STOP button on the control panel.

[L] Verify the control panel de-energizes, **AND** the safety light is extinguished.

[M] Reset the E-STOP button.

[N] Re-energize the control panel.

[O] Verify the safety light is illuminated.

[P] Record the results of door interlock checks in the NDE Operational Logbook.

4.1.9 **IF** any abnormal condition is noted,
THEN STOP WORK, **AND** notify RTR LO and the VPM.

4.1.10 Turn the x-ray key to position 3.

NOTE

The warm-up cycle takes approximately 15 minutes to complete. An audible alarm will sound for 20 seconds before x-rays are generated. The 20 second pre-warning time begins immediately upon pressing the green x-ray ON button.

4.1.11 Push the x-ray ON button to start the x-ray warm-up cycle.

[A] Verify the x-ray warm-up light is illuminated.

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WARNING

If any of the x-ray warning lights fail to come ON during warm-up, the RTR system SHALL be shut-down by depressing the Red x-ray OFF button, turning the x-ray key to Position 1 the (Symbol O) OFF position, **AND** removing the x-ray key. The RTR LO and the VPM will be notified, **AND** RTR operations will **NOT** be performed until the failed RTR system(s) has been repaired or replaced.

NOTE

There are four x-ray warning lights in the following locations:

- Yellow x-ray ON light on the MP1 controller.
- Flashing beacon light inside the x-ray vault.
- Flashing beacon light outside, above the rear x-ray vault doors.
- Flashing light/sign above the personnel access door in the equipment bay.

4.1.12 Verify all x-ray warning lights are ON.

NOTE

Warm up is complete when all x-ray warning lights turn OFF and the warm-up light on the center control panel is OFF.

4.1.13 Record status of 20-second audible and visual signals and x-ray ON warning signals in the NDE Operations Logbook.

4.1.14 Verify the kV and the milliamp (mA) displays start indicating voltage and current as the warm-up cycle progresses.

4.1.15 At the completion of the warm-up cycle, turn the x-ray key to position 2, **AND** record the completion of the warm-up cycle in the NDE Operational Logbook.

4.1.16 Using the Image Intensifier (II) and x-ray joystick, ensure the vertical movement of the II and x-ray tube is operating properly.

4.1.17 Hold the Shutter x-ray and II switches in the OPEN position for approximately 5 seconds.

4.1.18 Notify Host site Operations Management of readiness to commence radiography operations and record time and status in the NDE Operational Logbook.

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4.2 RTR System Operations

NOTE

A forklift equipped with a drum grabber will load/unload the drums from the turntables. Once the drums are secure on the turntables, the transfer cart is moved back into the x-ray vault by using the AUTO IN button. When drums have reached the appropriate scanning position, the exterior x-ray vault door will automatically close.

4.2.1 Drum Loading

WARNING

Verify the transfer cart path is clear of foreign objects or obstructions prior to initiating the AUTO OUT function.

4.2.2 Turn the x-ray switch to position 2.

4.2.3 Verify path is clear.

4.2.4 Push the AUTO OUT button to start the AUTO OUT sequence for the drum/turntable cart. The cart will automatically advance to the loading station.

4.2.5 Verify that the x-ray key is in position 2 and turn the Control Panel Power key to OFF **AND** remove both keys.

4.2.6 Ensure the Control Panel Power key and x-ray key are controlled by the qualified RTR person entering the x-ray vault.

WARNING

A radiation survey or verification of the radiation monitoring device is required prior to entry into the x-ray vault door to verify x-ray tube has been de-energized.

4.2.7 Request the forklift operator load container(s) onto the turntable cart AND ensure container(s) are centered on turntable cart.

4.2.8 Install Lines Pair Gauge, as necessary.

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WARNING

Verify the forklift/spotter are clear of rail area before moving transfer cart. Ensure transfer cart is clear of foreign objects, and personnel are clear of the equipment prior to initiating the AUTO IN function.

NOTE

To assist the RTR Operator in determining height and volume estimations, measuring devices with graduated scales may be placed on the container prior to scanning the container and removed upon completion of scanning.

4.2.9 Verify path is clear.

4.3 Image Intensifier (II)/Drum Scanning

[A] Insert the Control Panel key and the x-ray key, turn the Control Panel key to the ON position.

[B] Push the auto IN button.

[C] Verify the light is illuminated on MP1 Controller.

[D] Turn the x-ray key to position 3.

[E] Push the x-ray ON button to start the x-ray system.

[F] Adjust the high voltage (kV) and milliamps (mA) knobs until the image on the video monitor has the desired display.

[G] Turn the Drum Select switch to position 1, 2, or 3 for the drum to be examined.

[H] Turn the Drum Rotate switch to the desired rotation direction (clockwise [CW] or counter-clockwise [CCW]) position.

[I] Using the Rotational Speed dial located on the center desk section of the Control Panel, adjust the drum rotation to the desired speed.

[J] Using the Image system control joystick, move the imaging system in the desired direction.

[K] Using the Imaging system control joystick and Drum Rotate switch, position the imaging system and drum in the desired position to make a detailed inspection of items in the drum.

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[L] **WHEN** the desired x-ray examination is completed,
THEN terminate x-rays by pushing the x-ray OFF button on the controller.

[M] Turn the x-ray key to position 2.

4.4 Drum Unloading

[A] Verify that the x-ray key is in position 2.

WARNING

Verify the forklift/spotter is clear of rail area before moving transfer cart. Ensure transfer cart is clear of foreign objects, and personnel are clear of the equipment prior to movement of the transfer cart.

[B] Verify path is clear.

[C] Press the AUTO OUT button.

[D] Turn the Control Panel Power key to OFF and remove the key.

[E] Request the Forklift Operator unload the containers.

[F] **IF** additional drum(s) are to be examined,
THEN repeat Sections 4.2.1 through 4.2.4;
ELSE turn the Control Panel Power key to ON and press the AUTO IN button.

4.5 Modifying Turntable Configuration

4.5.1 **IF** it is necessary to modify the turntable configuration to accommodate different container sizes,
THEN perform the following

[A] Turn OFF the x-ray and Control Panel Power keys, and remove the keys, **AND** place into lock box.

[B] Ensure a LO/TO to the PLC Power Supply has been applied by personnel qualified in accordance with P 101-3 prior to entry.

[C] OPEN the personnel access door.

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[D] Complete a radiation survey OR verify radiation monitoring device to verify x-ray tube has been de-energized.

[E] Enter the x-ray vault.

WARNING

Personnel SHALL **NOT** sit, stand, climb or walk on the transfer cart or its rails due to potential pinching/falling hazard.

[F] Remove/Replace the 55-gallon drums stop bolts as required using Allen Wrench.

[G] Exit the x-ray vault.

[H] Remove the LO/TO in accordance with P 101-3.

[I] Verify NO personnel are in the x-ray vault.

WARNING

Personnel SHALL keep hands clear of personnel door when closing, due to potential pinch points.

[J] CLOSE the personnel access door.

[K] Re-energize the control panel.

NOTE

It is recommended to leave the x-ray system in position 2, for 5-20 minutes prior to shutdown of the RTR system to allow the cooling system to remove excess heat from the x-ray tube.

4.6 RTR System Shut-down

[A] Turn the x-ray key to position 1, **AND** remove the x-ray key from the key switch.

[B] CLOSE the x-ray shutters completely by holding the control switches for approximately 5 seconds.

[C] Shut-down all imaging and recording equipment by pressing the appropriate switches.

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[D] Turn the Control Panel Power key switch to the OFF position, **AND** remove the Control Panel Power key from the key switch.

[E] Return the Control Panel Power key and x-ray key to the lock box adjacent to the RTR Operator's control panel.

4.6.2 **IF** containers are to be left on the transfer cart overnight, **THEN** notify the VPM, LO, and the Operations Center, **AND** record the container numbers and their status in the NDE Operational Logbook.

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5.0 RECORDS

5.1 The NDE Operational Logbooks generated during the performance of this procedure are identified as quality assurance (QA) records in CCP-PO-005 and maintained as QA records in accordance with CCP-QP-008, *CCP Records Management*.

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CCP-TP-198

Revision 8

CCP HE-RTR Operating Procedure

EFFECTIVE DATE: 08/07/2014

Mike Ramirez

PRINTED NAME

APPROVED FOR USE

RECORD OF REVISION

Revision Number	Date Approved	Description of Revision
0	02/11/2011	Initial Issue
1	03/01/2011	Revised to incorporate recommendations documented in MA-CCP-0003-11.
2	03/14/2011	Revised to incorporate changes identified during the CH2M Hill Plateau Remediation Company (CHPRC) Level 3 Readiness Assessment.
3	07/11/2011	TP-198 is being revised to clarify how to verify the LINAC is de-energized and to include a requirement to check the coolant level on a daily basis.
4	01/05/2012	CCP-TP-198, *CCP HE-RTR Operating Procedure*, is being revised to incorporate changes identified during Los Alamos National Laboratory (LANL) start up activities.
5	01/30/2012	Revised section 4.1.3.
6	08/06/2012	Revised to incorporate VJT's recommendation for modifying the operating procedure to ensure the system is in standby mode (not completely powered down) and the Temperature Control Unit (TCU) is kept running at all times.
7	05/09/2013	Revised to incorporate Nuclear Waste Partnership (NWP) transition changes and other various changes.
8	08/07/2014	Revised to incorporate CCP-SO-LANL-56, High Energy real-time radiography (HE-RTR) Turntable Pallet Assembly Operation, and to make the procedure more user friendly. Deleted Paragraph 3.2 from the Responsibilities Section, the VPM has no steps in the procedure.

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1.0 PURPOSE

The purpose of this procedure is to provide instructions for start-up, operation, and shut-down of the High Energy Real-Time Radiography (HE-RTR) system.

1.1 Scope

The scope of this procedure is limited to start-up, operation, and shut-down of HE-RTR. Maintenance activities are outside the scope of this procedure.

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2.0 REQUIREMENTS

2.1 References

Baseline Documents

- CCP-QP-002, *CCP Training and Qualification Plan*

Referenced Documents

- CCP-PO-005, *CCP Conduct of Operations*
- CCP-QP-008, *CCP Records Management*

2.2 Training Requirements

2.2.1 Personnel performing this procedure shall be identified as a qualified operator on the list of qualified individuals (LOQI).

2.2.2 Qualified personnel will understand their responsibilities prior to performing work.

2.3 Equipment List

2.3.1 HE-RTR System, consisting of the following major components:

- LINATRON X-ray source
- X-ray Detector
- Manipulator (Cart, X-ray source, Detector)

2.4 Precautions and Limitations

2.4.1 Employees may use copies of this procedure printed from the controlled document file; however, employees are responsible for ensuring that the correct revision of this procedure is used.

2.4.2 The personal protective equipment (PPE) for normal operations outside the Control Room is leather gloves, safety toe shoes, and safety glasses when handling containers. Additional PPE may be specified by Host site management or in a site-specific Work Permit. Personnel will don the required or specified PPE before starting real-time radiography (RTR) operations.

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2.4.3 The HE-RTR system generates high-energy x-rays (up to six million electron volts). Personnel will avoid radiation exposure by observing all warning devices and personnel barriers. A safety interlock circuit will inhibit x-ray generation when the x-ray enclosure door is opened.

2.4.4 The HE-RTR system is equipped with an area radiation monitor (ARM) that will sound an audible alarm and shut down power to the linatron if the door interlocks are opened AND the radiation exposure rate exceeds 100 millirem per hour (mrem/hr) (i.e., indicative of x-ray generation).

2.4.5 The x-ray enclosure door shall NOT be opened when the x-ray system is in operation. Doing so will potentially expose affected personnel to dangerous levels of radiation and will automatically trigger an Emergency-Stop event which can be damaging to the equipment.

2.4.6 The HE-RTR shall NOT be left unattended while imaging or motion control systems are energized.

2.5 Prerequisite Actions

2.5.1 Workers performing work which requires entering the HE-RTR vault, must be briefed on the governing radiological work permit (RWP).

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3.0 RESPONSIBILITIES

3.1 RTR Operator

- Operates the RTR system.
- Maintains the nondestructive examination (NDE) operational logbook (OLB) in accordance with CCP-PO-005, *Conduct of Operations*.

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4.0 PROCEDURE

4.1 HE-RTR Equipment Startup

4.1.1 Obtain the system POWER key and LINAC ENABLE key.

4.1.2 Start the system using the POWER key and verify the white indicator is illuminated (Figure 1, System Control Console).

4.1.3 Start the imaging computer.

4.1.4 Start the control/archive computer.

4.1.5 Obtain an approved blank copy of Attachment 1, NDE Daily Pre-operational Checklist.

4.1.6 Verify Host site Radiation Survey, the six-month interlock check and six-month source check documents are current.

NOTE

The specific method used to verify that the LINAC is de-energized will be agreed upon between CCP and the Host site Radiation Generating Device Program Authority. Methods for performing this verification may include using the calibrated and tested area radiation monitor installed in the unit or having an individual (Radiological Control Technician [RCT], Operator, etc.) qualified on the use of and using an operable, calibrated radiation detection instrument to verify the LINAC is de-energized.

4.1.7 Verify the LINAC is de-energized (not producing x-rays).

4.1.8 Open the Vault Door.

4.1.9 Inspect the equipment, warning devices, and interlocks using Attachment 1 as required.

4.1.10 **IF** any item on the Attachment 1 is not satisfactory,
THEN:

[A] DO **NOT** proceed with RTR operations.

[B] Ensure the system is in a SAFE configuration and notify VPM.

4.1.11 Ensure no one is inside x-ray enclosure by direct observation and being the last person to leave the x-ray enclosure.

4.1.12 Close the Vault Door by pressing the “DOOR CLOSE” button at the shielded door.

4.1.13 Place the completed Attachment 1 in a holding file.

Figure 1. System Control Console (Example)

NOTE

Temperature Control Unit (TCU) and ventilation fan checks may be completed during performance of preoperational checks.

NOTE

If standby power to the LINAC has been interrupted, it may be restarted using the reset button on the modulator cabinet.

4.1.14 Ensure the following components are powered “ON” and functioning normally:

- LINAC Temperature Control Unit (TCU)
- Vault ventilation fan
- LINAC control console is in STANDBY mode

4.1.15 Switch LINAC to “POWER ON” and record the time in the NDE OLB.

4.1.16 Start Vi3 software on the imaging computer.

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NOTE

All axes are homed when the position display is colored blue.

4.1.17 Ensure all axes are homed.

4.2 LINAC Warm Up

WARNING

During the daily checkout, if the LINATRON-M does not function as expected, or if unusual sounds or odors are present, the main circuit breaker (CB1) on the modulator front panel must be turned to the OFF position.

NOTE

The LINATRON-M progresses through several operational states during power up. Each of these states is named in the Status screen in the Main control screen. These states are:

- Standby
- Power On
- Prewarn
- Ready
- X-rays on

The Power On state was attained in step 4.1.15. Warm-up sequence is automatic and should take seven minutes if no error messages need to be cleared.

4.2.1 Observe the LINAC screen for system status messages.

4.2.2 **IF** the Interlocks or Faults screen buttons are flashing red, **THEN** touch the flashing button for a detailed report.

4.2.3 Clear any faults or interlocks that are preventing the warm-up completion. If any fault/interlocks cannot be cleared via the main control screen, stop and contact the Lead Operator.

NOTE

Once all faults and/or interlocks are cleared, the warm-up sequence will resume automatically.

4.2.4 Record the time Warm-up is complete in the NDE OLB.

4.2.5 If applicable, notify Host site operations management of readiness to commence radiography operations.

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NOTE

At the completion of Warm-up, the only interlock preventing Pre-warn operation is the Enable/Disable key switch on the LINAC control console. When this key is turned to ENABLE, the 20 second pre-warning period begins.

4.3 Detector Calibration

4.3.1 **IF** calibration of the flat panel image detector is necessary, **THEN** ensure that the x-ray Vault is NOT occupied **AND** that the access doors are closed.

4.3.2 Click on the “calibrate” button in Vi3 to calibrate the detector.

NOTE

An audible warning will sound and the beacon will flash amber for 20 seconds. The warning lights will remain illuminated while generating x-rays.

4.3.3 Follow the prompts in Vi3 to complete calibration of the detector.

4.3.4 **WHEN** the message “Detector calibration is complete!” appears on the screen,
THEN click “Close” button.

4.3.5 Press “BEAM OFF” button at the LINAC control.

4.3.6 Turn the ENABLE key to DISABLE**.**

4.3.7 Remove and secure the ENABLE key.

4.4 System Operation

4.4.1 Ensure the LOCK/UNLOCK switch (Item number 12 in Figure 1) is in the LOCK position.

4.4.2 Ensure the cart is in the load position.

4.4.3 Ensure the area is clear, **AND**, if necessary, press the “DOOR OPEN” console button (Item number 2 in Figure 1).

4.4.4 Ensure the ENABLE key is controlled in the field area and in full view during all unloading and loading events.

4.4.5 Verify the LINAC is de-energized (not producing x-rays).

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4.4.6 Ensure the cart turntable is prepared for the type of container to be inspected (i.e., standard waste box [SWB], 55-gallon drum, etc.).

[A] If using the Turntable Pallet Assembly perform the following:

- Ensure the Turntable Pallet Assembly key switch is turned to the "OFF" position. This will disable rotation of the main turntables in the manual mode.

CAUTION

If the main HE-RTR Turntable is rotated off of the home position, use of the Inspection and Load/Unload buttons to load and unload the cart may cause the turntable to rotate and cause damage to the unit. Cart unloading must be done using the manual mode when the Turntable Pallet Assembly is installed.

- Install a cover over the Inspection and Load/Unload buttons to prevent inadvertent operations.

- Use manual controls to manipulate the cart.

4.4.7 Ensure the container to be examined is loaded onto the cart turntable.

4.4.8 **WHEN** the area is clear,
THEN press the "DOOR CLOSE" button at the shielded door.

4.4.9 Press the "INSPECTION" console button (Item number 6 in Figure 1).

[B] Ensure the cart is in front of the detector using the joystick (Item number 4 in Figure 1) **OR** entering position coordinates into the motion control software (if necessary).

4.4.10 **IF** using MPEG composer, start MPEG ENCODER control/archive on the computer (if necessary),
THEN enter Container Identification data in the form of an alphanumeric filename for the movie file at the location where "SWBdata" is written in Figure 2, MPEG Encoder, below.

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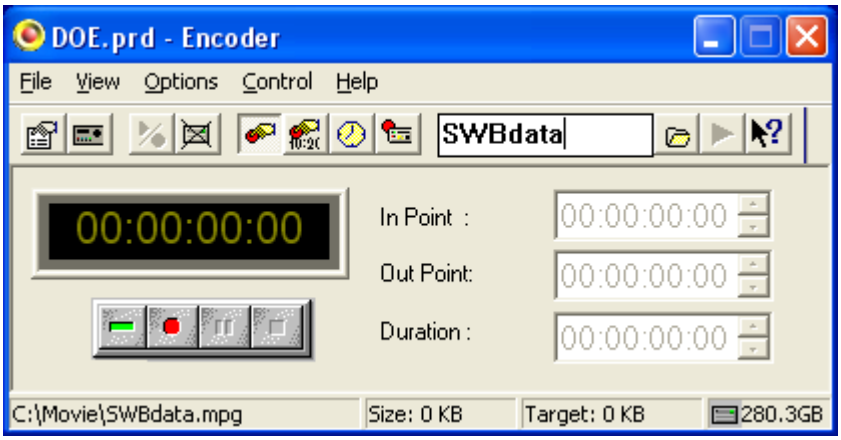
Figure 2. MPEG Encoder



4.4.11 At the LINAC control, insert the ENABLE key and turn it to "ENABLE."

NOTE

An audible warning will sound and the beacon will flash amber for 20 seconds. The warning lights will remain illuminated while generating x-rays.

4.4.12 After the prewarning time, turn on the LINAC by pressing "BEAM ON."

4.4.13 Ensure Vi3 is in live display mode by pressing F3 on the keyboard, or by clicking Grab in Vi3.

NOTE

Enable operator adjustment of Vi3 parameters to optimize image for best viewing.

4.4.14 **IF** recording video,
THEN click on the F2 key on the keyboard to display the image in full screen mode.

4.4.15 **IF** recording video,
THEN click the GREEN (rectangle) button in MPEG Composer to initialize the recording.

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4.4.16 **IF** recording video,
THEN click the RED (circle) record button in MPEG Composer to start recording.

4.4.17 Manipulate the display image using the joysticks (Item number 4 in Figure 1 and Item number 7 in Figure 1) to examine 100% of the contents of the container.

NOTE

Additional controls may assist in achieving the required examination: "SOURCE/DETECTOR" (Item number 10 in Figure 1) and "LOCK/UNLOCK" (Item number 12 in Figure 1) may be used to attain oblique viewing angles.

4.4.18 **WHEN** recording is complete,
THEN stop recording by clicking on the square stop button on the MPEG Composer software.

4.4.19 Stop x-ray by pressing the 'BEAM OFF' button on the LINAC control console and turning the ENABLE key to "DISABLE."

4.4.20 Remove and secure the ENABLE key.

4.4.21 Press the "LOAD/UNLOAD" button (Item number 5 on Figure 1), as applicable.

[A] Ensure the cart is at the load/unload position using the joystick (Item number 4 in Figure 1) **OR** entering position coordinates into the motion control software if necessary.

4.4.22 Ensure the area is clear, **AND** press the "DOOR OPEN" console button (Item number 2 in Figure 1).

4.4.23 Ensure the ENABLE key is controlled in the field area and in full view during all unloading and loading events.

4.4.24 Verify the LINAC is de-energized (Not producing x-rays).

4.4.25 Ensure the container is unloaded from the cart turntable.

4.4.26 **IF** another container is to be examined,
THEN go to 4.4.6 and repeat remaining steps in Section 4.4.
ELSE proceed to Section 4.5.

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4.5 HE-RTR Shut-Down

4.5.1 Ensure NO personnel are present inside the Vault **AND** close the shielded door by pressing the Exterior “DOOR CLOSE” button.

4.5.2 Ensure required copies of the video data files have been completed.

4.5.3 Lower detector and source to non-lifted position, by Ensuring the LOCK/UNLOCK switch (Item number 12 in Figure 1) is in the UNLOCK position, and clicking the homing button in the motion controller widow on the control/archive computer.

4.5.4 Shut down computers.

WARNING

Even after you have pressed “Power is ON” and the LINAC system appears to have powered down, some parts of the system are still powered and can cause serious injury or death if touched. All LINAC machine covers are to remain in place to prevent contact with live circuits.

4.5.5 At the LINAC control, touch “Power is ON” button on the Main control screen to return the LINATRON to the standby state.

4.5.6 Turn the system power key switch to “OFF.”

4.5.7 Remove and secure both keys.

4.5.8 Ensure the ventilation fan is turned off.

4.5.9 Complete entries to the NDE OLB, including Shut-Down time.

4.5.10 Secure the HE-RTR system.

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5.0 RECORDS

5.1 The records generated during the performance of this procedure are identified as quality assurance (QA) records and are maintained as QA records in accordance with CCP-QP-008, *CCP Records Management*. The records are the following:

5.2.1 QA/Nonpermanent

[A] NDE OLBs

[B] NDE Daily Pre-Operational Checklist

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Attachment 1 – NDE Daily Pre-Operational Checklist

HE-RTR Number: _____ Location: _____ Date: ___/___/___

Maintain the LINAC ENABLE key in possession at all times. System POWER key must be ON to open doors and verify E-stops and warning lamps.

Check the following items for satisfactory status:

IF found to be satisfactory,
THEN initial the box.

IF the item is NOT satisfactory,
THEN mark X in the box and explain in the comments section.

- ☐ Host Site Radiation Survey is current. Survey Date: _____
- ☐ Six-month Interlock Check is current. Check Date: _____
- ☐ Six-month Area Radiation Monitor (ARM) source check is current. Check Date: _____
- ☐ Signs and postings outside exposure room: Very High Rad sign located under the red beacon light above the roll-up door.
- ☐ General Housekeeping: No trash, no unsecured equipment or tools, no excessive dirt nor debris.
- ☐ Signs and postings inside exposure room
  - E-Stop sign located near the E-Stop on the left wall inside the Vault.
  - Pull cord signs are located near the middle of each of the pull cords.
- ☐ Transport cart and tracks: No visible damage, no fluid leaks, no foreign material.
- ☐ Detector panel and lift: No visible damage, no fluid leaks, no foreign material.
- ☐ LINAC and lift: No visible damage, no fluid leaks, no foreign material.
- ☐ Exhaust vent airway: No visible damage, no foreign material.

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Attachment 1 – NDE Daily Pre-Operational Checklist (Continued)

HE-RTR Number: _____Location: _____ Date: ___/___/___

NOTE
Warning lamps are tested using a switch (Item 11 in Figure 1) at the operator console. Item 11 in Figure 1 is titled X-Ray Lamp Test.

☐ Warning Lamps: Red lamp inside exposure room, red beacon over shield door.

NOTE
Pre-warning alarm is tested using a switch inside the exposure room.

☐ Pre-warning alarms: Audible alarm inside exposure room.

☐ Exposure room is clear of all personnel.

☐ Verify Vault Door Interlock. Visually inspect for signs of damage or wear; verify engagement on door closing.

☐ Temperature Control Unit (TCU): No visible damage, no fluid leaks, no foreign material.

☐ Verify that the LINAC coolant is at the required level.

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Attachment 1 – NDE Daily Pre-Operational Checklist (Continued)

HE-RTR Number: _____Location: _____ Date: ___/___/___

Comments

IF any deficiencies are noted,
THEN describe in this space.

IF the deficiency has the potential to cause injury or damage,
THEN place the system in a **SAFE** condition **AND** immediately notify the VPM.

Completed By:

Print Name	*Signature*	*Date*

ISSUED

Effective Date: 3/25/15

WP 13-QA.03
Revision 24

Quality Assurance Independent Assessment Program

Cognizant Department: Quality Assurance

Approved by: Val Cannon

Nuclear Waste Partnership LLC

A URS-led partnership with B&W and AREVA

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CHANGE HISTORY SUMMARY

REVISION NUMBER	DATE ISSUED	DESCRIPTION OF CHANGES
18	06/20/11	Added allowance for the Assurance Programs manager to extend the time limit for issuance of an audit report. (6.0)
19	02/28/12	Added discussion of effectiveness reviews (Introduction). Added clarification for developing criteria for (4.3) and performing (5.0) effectiveness reviews. Deleted reference to EFCOG Contractor Guide For Performance of Effectiveness Reviews (4.3, 5.0).
20	01/25/13	• Deleted requirements to enter external assessment findings in CTS throughout the document. • Updated organization names in accordance with MD 1.1.
21	03/04/13	• Removed from section 2.0 last bullet of lead assessor responsibilities and last bullet of surveillor responsibilities. • Added to sections 5.0 and 6.0 provisions to document findings corrected during assessment on the WIPP Form in accordance with • WP 04-IM1000 (Corrective action for CBFO CAR 12-020). • Deleted attachment 9, and added reference to WP 09-CN3025 in section 4.3. • Deleted Attachment 10, Concerns Form and its mention from section 5.0.

22	05/22/13	• Added statement to Introduction that commercial grade surveys are performed in accordance with this procedure and WP 09-CN3040, *Commercial Grade Item Dedication*. • Added bullets in section 2.0 to delegate the responsibility for identifying the need for technical assistance when performing assessments to the lead assessor and surveillor. • Reworded lead auditor/surveillor actions to be consistent with QAPD language in section 4.3. • Added additional methods for performing effectiveness reviews in section 5.0. • Deleted requirement in section 5.0 to notify CBFO of deficiencies in DOE requirements (Original requirement was deleted in DOE O 226.1B). • Deleted note in section 6.0 about issuing WIPP Forms for assessment findings (this information is discussed elsewhere). • Changed P-A Coordinator to Compliance Coordinator throughout. • Added discussion item “Potential hazards” to attachment 10.
23	05/19/14	• Changed “04-IM1000” to “15-GM1002” throughout. • Updated references table. • Revised Introduction section 1.0 concerning Record Inventory and Disposition Schedules. • Deleted in section 2.0, third bullet, approval of the assessment schedules. • Revised bullet in subsection 4.1 to be consistent with the scope and frequency of audits performed in accordance with the contractor assurance system. • Modified in subsection 4.1the last bullet. • Deleted in subsection 4.2, bullets three, five and seven. • Modified subsection 4.3 for clarity. • Added in section 6.0, “internal” in bullet four for clarity. • Added in section 8.0 “will be tracked in commitment tracking system (CTS).”

23 (cont.)		• Removed Attachment 3, Example of QA Fiscal Year External and Internal Audit Schedules. • Added in attachment 5, bullet “Initiate WIPP Form for CDA.” • Removed in attachment 7, “CTS Coordinator.”

24	3/25/15	• The following corrective actions associated with WIPP Forms (WF): WF14-256-S000, WF14-256-S001, WF14-450, WF15-005, WF15-067-S005, WF15-067-S007:
		  • Deleted, at Introduction p. 2, the language “Assessment Checklist.”
		  • Revised wording at p. 11 to clarify timeliness of requirement.
		  • Insert, at p. 12, two paragraphs regarding timeliness of assessment and extension requests.
		  • Insert at 4.2, paragraph ensuring assessment period deadlines are scheduled for completion on time.
		  • Deleted, at fifth bullet under Assessor responsibilities, page 15, the language “to be filed with the assessment.”
		  • Deleted, at 9.0, “Completed Assessment Checklist” from required items in assessment file.
		  • Removed, in Attachment 6, Assessment Checklist from list.

ABBREVIATIONS and ACRONYMS

ALARA	as low as reasonably achievable
CAM	continuous air monitor
CAQ	condition adverse to quality
CBFO	Carlsbad Field Office
CDA	corrected during assessment
CFR	Code of Federal Regulations
CH	contact-handled
CMS	Central Monitoring System
CTS	commitment tracking system
DNFSB	Defense Nuclear Facilities Safety Board
DOE	U.S. Department of Energy
HEPA	high-efficiency particulate air (filter)
HVAC	Heating, Ventilation, and Air Conditioning
ISM	Integrated Safety Management
NRC	U.S. Nuclear Regulatory Commission
NWP	Nuclear Waste Partnership LLC
P-A	Price-Anderson
PPE	personal protective equipment
QA	Quality Assurance
QAPD	Quality Assurance Program Description
QSL	Qualified Suppliers List
RH	remote-handled
SDD	System Design Description
VSS	Vital Safety System
WHB	Waste Handling Building
WIPP	Waste Isolation Pilot Plant

1.0 INTRODUCTION[1]

The purpose of this document is to define and prescribe quality assurance (QA) methods and techniques used to identify, schedule, plan, perform, report, and close independent assessments, and to identify the resulting records.

This document applies to Nuclear Waste Partnership LLC (NWP) QA personnel qualified to lead and/or perform independent assessments. It also applies to cognizant managers of organizations being assessed.

Independent assessments may be performed as audits or surveillances. Audits are generally larger, more formal assessments of quality program elements or supplier programs. Surveillances are generally smaller assessments of specific activities, but may also be expanded and performed on quality program elements. Where the term "assessment" is used in this document, it applies to both audits and surveillances. Where actions apply only to an audit or surveillance, it will be so stated.

Commercial grade surveys are performed in accordance with this procedure and WP 09-CN3040, *Commercial Grade Item Dedication*.

Effectiveness reviews are conducted as surveillances to verify the effectiveness of corrective actions implemented to prevent the recurrence of significant issues, problems, or events.

Assessments may contain elements of inspections, testing, monitoring work in progress, and checking to support the reviews that comprise assessment activities.

Assessments evaluate the adequacy of program documents and implementation, including effectiveness of established programs, and processes for compliance with WP 13-1, *Nuclear Waste Partnership LLC Quality Assurance Program Description* (NWP QAPD), other QA program documents, and purchase order requirements, as applicable. Assessments focus on improving items, services, and processes by emphasizing the achievement of quality by line organizations. Regularly scheduled program assessments may be supplemented by or integrated with additional technical assessments (e.g., surveillances and limited scope audits).

Assessments are performed using reviews, interviews, observation and monitoring, and checks. Actual and/or potential deficiencies are noted. Supplier assessments verify conformance to applicable purchase orders and the QA requirements imposed by contract, or evaluate potential for providing products or services in compliance with NWP QA requirements. Scheduling is based on frequency required by regulation, ongoing project activities (e.g., previous audit results, adverse trends, or requests from other line organizations), and capabilities. Internal assessment findings and associated corrective actions are entered and tracked in the Issues Management (WIPP Form) System in accordance with WP 15-GM1002, *Issues Management Processing of WIPP Forms*.

Implementation of the program generates the following record(s), as applicable. Any records generated are handled in accordance with departmental Records Inventory and Disposition Schedules.

- NWP QA Independent Assessment Subject Master Table
- Audit Plan
- Audit Report
- Audit follow-up documentation
- Surveillance Report
- Surveillance follow-up documentation
- Independent Assessment Record File Completion Checklist
- Technical Specialist/Auditor Participation Indoctrination for Quality Assurance Audits
- Independent Assessment Log (Attachment 8)

2.0 RESPONSIBILITIES

The Assurance Programs manager is responsible for:

- Implementation of this document.
- Ensuring that assessment personnel have sufficient authority and organizational freedom to carry out their assigned responsibilities.
- Qualification of lead auditors and QA Surveillors (surveillors) in accordance with WP 13-QA.04, *Quality Assurance Department Administrative Program*.
- Assignment of assessment team leaders.
- Concurrence with assessment team selection.
- Assignment of surveillors.

The lead assessor is responsible for:

- Selecting the assessment team.
- Identifying the need for technical assistance when performing assessments.
- Approving assessment checklists.
- Organizing and directing the assessment.
- Reporting the assessment results.

The surveillor is responsible for:

- Performing surveillances.

- Identifying the need for technical assistance when performing assessments.
- Organizing and directing the surveillance.
- Reporting the surveillance results.

3.0 DEFINITIONS

Corrected During the Assessment (CDA) – An isolated condition adverse to quality (CAQ) requiring only remedial action to correct and for which resolution can be verified through review of objective evidence prior to the exit meeting.

Finding – A condition, applicable to the program or process being audited, that deviates from specified requirements defined by codes, standards, or other established specifications (a clear violation of a clear requirement).

Observation – A condition that, if left unattended, could become a deviation from established acceptance criteria; or a suggestion that, if enacted, could strengthen the existing program.

4.0 PREPARATION FOR ASSESSMENTS

4.1 QA Independent Assessment Identification

Waste Isolation Pilot Plant (WIPP) program elements or activities requiring independent assessment are found in:

- WP 13-1, Nuclear Waste Partnership LLC Quality Assurance Program Description
- DOE/CBFO 94-1012, U.S. Department of Energy Carlsbad Field Office Quality Assurance Program Document
- Hazardous Waste Facility Permit NM4890139088-TSDF

Additional programs, processes, or activities important to compliance application, nuclear safety, waste characterization, or the isolation of waste within the disposal system require independent assessments to verify adequate and effective performance. These programs are found in:

- Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 2000-2, Configuration Management Vital Safety Systems
- DOE/WIPP-04-3310, WIPP Environmental Policy Statement
- DOE/WIPP-07-3372, Waste Isolation Pilot Plant Documented Safety Analysis

- DOE/WIPP-07-3373, Waste Isolation Pilot Plant Technical Safety Requirements
- EFCOG Contractor Guide For Performance of Effectiveness Reviews
- NWP procedures that prescribe assessments

Activities which affect the following require independent assessments, in accordance with the contractor assurance system established by U.S. Department of Energy (DOE) Order 226.1B, Implementation of Department of Energy Oversight Policy:

- Environment, safety, and health (e.g., protection of the environment, workers, and the public from damage or injury)
- Safeguards and security
- Emergency management
- Cyber security

Independent assessments performed in accordance with the contractor assurance system include evaluations of compliance with the following, as applicable:

- Laws
- Regulations
- National standards
- DOE directives
- DOE-approved plans and program documents (e.g., authorization basis documents and QA program)
- Site-specific procedures/manuals
- Criteria review and approach documents
- Contractual performance objectives, and other contractually mandated requirements

The scope and frequency of audits performed in accordance with the contractor assurance system must ensure that:

- Assessments required by applicable DOE directives, including environment, safety, and health, safeguards and security, emergency management, and cyber security, are being performed;

- The effectiveness of safety management programs, including programs that are credited in the safety basis, is being assessed adequately;

- Deficiencies are being self-identified; and

- Corrective actions are being taken in a timely and effective manner.

Supplier audits are based on requests for new suppliers to be added to the NWP Qualified Suppliers List (QSL); those suppliers currently on the QSL which are due for reevaluation, or have their authorized scope changed; and suppliers providing products or services under Title 10 *Code of Federal Regulations* (CFR) Part 71, that require a facility audit every three years. These requests and reevaluations are processed in accordance with WP 13-QA3012, *Supplier Evaluation/Qualification*.

The Assurance Programs manager or assigned cognizant individual will:

- Review WIPP requirements documents and identify needs for independent assessments based on both written requirements for independent assessments and other programs or processes that affect safety, storage of waste, or the environment, the importance of which necessitates assurance of compliance.

- Upon notification from a QA procurement reviewer or a NWP Contracting Officer that a project is scheduled to begin or is ongoing, evaluate the need for initial and follow-on independent assessments based on this section 4.0.

- Review the potential assessment to be added using the criteria in the Assessment Priority Determination Tables (provided in attachment 1). Document a decision for either an audit or a surveillance on the NWP QA Independent Assessment Subject Master Table (example provided in attachment 2).

- Determine a frequency at which the assessment should be performed. If established by the requirement, that frequency is to be used. If not established by requirement, determine an adequate frequency based on relative risk, hazards, and complexity of the processes and activities to be evaluated. Also consider the scope and coverage of previous oversight activities, and historical performance. Document the frequency on the NWP QA Independent Assessment Subject Master Table.

    — Ensure assessments required by Code of Federal Regulations (CFRs) or DOE Orders and that provide for a specific assessment period (i.e., complete process assessed every 3 years) are completed within the required period. As required, Technical Specialists shall meet all qualifications.

    — Ensure appropriate notifications are made to request exemption or extension in the event any assessments required by CFR or DOE Orders and that provide for a specific completion period cannot be completed due to unforeseen circumstances.

4.2 QA Independent Assessment Scheduling

Assessments will be scheduled to begin as early in the life of a project or activity as practicable, and will continue at intervals consistent with the schedule for accomplishing the work.

The Assurance Programs manager or assigned cognizant individual will:

- Evaluate the timing of the first, or next, occurrence for the assessment to be scheduled against all current or planned assessments. Consider resources, date required, time available, known regulatory oversight preparedness needs, associated historical issues, and client expectations, then schedule the assessment to best accommodate the need.

- Document internal and external (supplier) audits on the NWP QA Fiscal Year Electronic Audit Schedule. Suppliers of parts and materials, and services regulated by 10 CFR 71, Subpart H, will require the performance of a site audit on a triennial basis. (Reg. Guide 7.10, section 18.2)

- Develop additional informal schedule tools to track assessments, as necessary.

    — Ensure assessments required by CFRs or DOE Orders that provide for a specific assessment period (i.e., complete process assessed every 3 years) are scheduled for completion within the required period.

- Revise or update QA assessment schedules, as applicable, to reflect current needs.

- Make schedule(s) available to Carlsbad Field Office (CBFO) via the NWP QA webpage link.

4.3 QA Independent Assessment Planning

Assessments include audits and surveillances. Direction regarding assessments applies to both audits and surveillances. The term "assessor" denotes the person performing either the audit or surveillance, as appropriate. Any direction specific to either audits or surveillances is indicated where applicable.

The Assurance Programs manager or delegate will:

- Maintain the Independent Assessment Log. The log (see example in attachment 8) will be used to issue assessment numbers, and collect certain information regarding the assessments.

- Assign a qualified lead auditor to lead/perform audits. Determine if an audit team is necessary due to size or complexity of the scope.

- Assign a qualified surveillor or qualified lead auditor to perform surveillances.

The lead auditor/surveillor will:

- Obtain from the assessment coordinator an audit or surveillance number that denotes the type of assessment ("I" or "E" for internal or external audit, or "S" for surveillance, the fiscal year, and a sequential number beginning with 01 (e.g., I06-01, E06-01,S06-01).

- Contact the cognizant individual for internal audits/surveillances or the supplier for external audits/surveillances to determine any safety/security issues and precautions of which the team should be aware. This includes Personal Protective Equipment (PPE), badging, logistics information, etc. Document the safety/security issues and precautions in the audit plan.

- Select an assessment team, if a team is needed, based on the scope, complexity, or special nature of the work being assessed, technical qualifications, knowledge of the items and activities being assessed, availability, experience, and the prospective assessor's ability to provide an objective contribution.

- Ensure the following, as applicable:

  — Personnel having direct responsibility for performing the activities being assessed shall not be involved in the selection of the team. Team members shall have the authority to carry out their assigned responsibilities and be independent from the items and/or processes being assessed. Assessors shall be authorized in accordance with WP 13-QA.04, and/or perform under the supervision of a lead auditor.

  — During assessments, Technical Specialists may be used when evaluating the adequacy of technical processes. The lead assessor will determine when technical specialist support is needed and will document the determination in the body of the report. Technical Specialists will be indoctrinated by the lead assessor commensurate with the scope, complexity, or special nature of the work being assessed, and of the assessments process associated with their duties. The indoctrination will be documented using a format similar to that defined in attachment 9. Attachment 9 may also be used to indoctrinate other assessors from the assessment group, at the discretion of the lead assessor.

  — External peers or subject matter experts may be used as necessary to support assessment activities.

- Ensure that the team members collectively have appropriate training and experience commensurate with the scope of the assessment.

- Indoctrinate the audit team to the audit process, as needed, and their associated tasks before the audit. Include a review of potential hazards and plan accordingly for proper PPE (personal protective equipment), ALARA (as

low as reasonably achievable), and additional controls deemed necessary. Document the indoctrination using a format similar to that defined in attachment 9.

- Prepare the audit plan, for both internal audits and external supplier audits, using guidance in attachment 3, and obtain QA management approval. The audit plan will include purpose, scope (including the work to be assessed and related corrective actions since previous assessments), requirements, audit personnel, organizations to be notified, applicable documents, written procedures to be used, schedule, safety/security issues and precautions, and background. Background should include previous findings, Corrective Action Requests, and weaknesses noted within the intended scope. For external supplier assessments, obtain supplier history from the QSL file or Coordinator.

- Review, with team members, any plan generated, pertinent background information that includes previous audit or oversight results, applicable procedures, and applicable technical documents so that team members are familiar with the work being assessed.

- If the assessment is external, notify the affected organization or company management by correspondence of the scheduled assessment, identifying the scope of the assessment. The notification need not include the audit checklist.

- Determine, with QA management, when internal surveillances are to be formally announced prior to performance. In such cases, notify the organization to be surveilled by correspondence of the surveillance, its scope, and schedule.

Assessor(s) will:

- Refer to the NWP QA Independent Assessment Subject Master Table for identification of requirements documents from which assessment criteria should be developed.

- Develop the criteria to be used during the assessment based on approved requirements; will also consider the following when developing criteria:

    — For internal assessments, include criteria, as applicable, to assess application of Integrated Safety Management (ISM) in accordance with Management Policy MP 1.28, *Integrated Safety Management*, and WP 15-GM.03, *Integrated Safety Management System Description*. The Safety Management Responsibilities section of the latter document provides a source from which criteria can be generated. For internal assessments, the intention is to review the ISM controls in evidence or exhibited in the activity being assessed. For external assessments, ISM controls may be considered regarding the hazards that the assessor could encounter (e.g., anticipated hazards mitigated by adequate PPE).

- Although Graded Approach is assessed separately, consider possible criteria in accordance with WP 09-CN3005, *Graded Approach to Application of QA Controls*.

- Consider Conduct of Operations criteria applicable to the activity being assessed.

- Consider environmental controls or environmental response to unusual occurrences applicable to the activity being assessed.

- Consider software controls applicable to the activity being assessed.

- When assessing a WIPP Vital Safety System (VSS), develop criteria from the following:

  - Applicable portion of WP 09-CN3025, Annual System Health/Walkdown/Requalification, Attachment 1, Assessment Boundary for Vital Safety System Definitions

  - General for VSS assessments - Timely closure of modifications, Cognizant Engineer walkdowns, periodic maintenance performed as required in System Design Descriptions (SDDs), maintenance performed in accordance with manufacturer recommendations, combustible materials in the disposal circuit in the underground, software QA

- For an audit, develop the audit checklist(s) under the direction of the lead auditor using the guidance in attachment 4. Checklist line items are generally written as directions to verify conformance of the activity being evaluated with established requirements, or as questions whether or not the activity being evaluated conforms with the requirement.

- For a surveillance, the criteria may be identified briefly on the Surveillance Report or on a detailed checklist. Examples of brief criteria include, "observe actions based on steps XX through and including YY," or "observe waste hoist lifting activity for adherence to Procedure XXX, Revision Y, Section ZZ," or "review 15 WIPP Forms for adequacy, completeness, and implementation of corrective actions," etc. Criteria typically are found in QA manuals and program plans, procedures, previous assessments and corrective action documents, and contract requirements.

- For Effectiveness Reviews of completed corrective actions for 'significant' WIPP Forms, P-A externally-reportable issues, etc., develop criteria considering the following:

  - Effectiveness reviews are performed to verify the effectiveness of corrective actions that have been implemented to prevent the recurrence of significant issues.

— Effectiveness is measured by a significant change in one or more of these four measures:

1. The probability of the original event recurring
2. The frequency of the problem recurring
3. Reduction in the magnitude or severity of the problem
4. Elimination of the original problem

5.0 ASSESSMENT PERFORMANCE

The lead auditor/surveillor will:

- For audits and external surveillances (optional for internal surveillances), conduct an entrance meeting with the assessment team and appropriate personnel representing the assessed organization(s). The entrance meeting is intended to introduce the assessors, explain the purpose, scope, and schedule for the assessment, and establish interfaces and contacts with the organization being assessed.

- For Effectiveness Reviews of completed corrective actions for 'significant' WIPP Forms, Price-Anderson (P-A) externally reportable issues, etc., perform the assessment using one or more of the following methods. The method selected should be appropriate for the specific corrective/preventive actions. The direct observation method is the method of preference, but other methods should also be applied, as necessary.

  — Observe the work or performance of an evolution.

  — Conduct facility inspections or activity monitoring.

  — Utilize past performance indicators to track any ongoing recurrences.

  — Review databases or similar problems.

  — Run a test to challenge the system or process (if applicable).

  — Run a mock item through the process, or complete a performance test (if applicable).

  — Perform a walkthrough of the work, process, or evolution.

  — Interview impacted managers and workers on their understanding of, and involvement with, the implemented corrective actions.

— Review a documented, previously completed equivalent evaluation of the original problem prior to initiating the effectiveness review.

The assessment team will:

- Evaluate the applicable quality program element(s) by examining objective evidence, observing activities in progress, examining items (including components, specimens, and machinery, etc.), and/or interviewing personnel responsible for the activity. Include technical evaluations of the applicable procedures, instructions, activities, and items, as appropriate. Objective evidence related to the planning and technical aspects of the work performance is to be examined to the depth necessary to determine if these elements are being implemented effectively.

- Review previous corrective actions, as applicable, to evaluate implementation and effectiveness when recurring problems are found.

- Observe, to the extent possible, actual operations to verify conformance to requirements.

- Record the results of the evaluations performed on the assessment checklist or surveillance report, as applicable.

- Record, on the assessment checklist or surveillance report, as applicable, objective evidence examined, including all documents reviewed, with sufficient detail so that any conditions or practices may be noted in the report with adequate detail. Include, as applicable, document number, title, and revision.

- Record, on the assessment checklist or surveillance report, as applicable, the results of observations of processes or items, including the quantity of items examined to indicate the size or breadth of the examination. Identify the items, where possible.

- Record, on the assessment checklist or surveillance report, as applicable, the names of personnel interviewed.

- Inform the lead auditor/surveillor of progress and/or problems with assigned tasks periodically during the assessment.

- Notify immediately the lead auditor/surveillor if conditions are identified during an internal audit or surveillance that qualify as an event or potentially reportable occurrence under the requirements of 10 CFR Part 21, 10 CFR Part 71, WP 12-ES3918, Reporting Occurrences in Accordance with DOE Order 232.2, etc.

- Notify immediately the lead auditor/surveillor if conditions are identified that are believed to be unsafe. If an internal assessment condition requires immediate work stoppage, proceed as directed in MP 1.2, *Stop-Work Policy*. During

external assessments, notify the supplier management, or their designated point-of-contact.

- Acknowledge and track any CDAs. Verify that the actions completed correct the condition. Document CDAs on a WIPP Form, in accordance with WP 15-GM1002, for trending.

The lead auditor/surveillor will:

- Notify QA management and the management of the assessed organization as soon as practicable if conditions are discovered that could have a significant adverse impact on prior work or affect work in progress, or if conditions require prompt attention. If conditions require immediate attention as defined in WP 12-ES3918 or MP 1.2, perform action as directed by the appropriate document.

- Notify the management of the assessed organization as soon as practicable of any issues identified, to assure accuracy, and allow opportunity for resolution during the assessment.

- Notify Packaging Manager of issues that affect nuclear packaging (TRUPACTs, HalfPACTs, etc.) or are otherwise potentially reportable to the U.S. Nuclear Regulatory Commission (NRC), to allow them to screen for reportability under 10 CFR Part 21 or 10 CFR Part 71, etc.

- For audits and external surveillances, conduct an exit meeting with appropriate personnel representing the assessed organization(s). The exit meeting is intended to provide a general overview of the evaluation of the program element and any issues requiring attention.

6.0 ASSESSMENT REPORTING

The reporting of the assessment, if performed as an audit or external surveillance, will follow the guidance provided in attachment 5; and, if performed as an internal surveillance, will use the example provided in attachment 7.

Assessments that involve sensitive (e.g., permit- or personnel-related) information are to be coordinated through the NWP Legal Counsel. The lead auditor/surveillor and QA management will determine the necessary reviewers (i.e., NWP Legal Counsel, etc.) for proper processing of such assessment information.

The lead auditor/surveillor/manager will:

- Prepare the assessment report with the assistance, as necessary, of the assessment team, and sign the report.

- Ensure that the assessment report includes the following, as appropriate:

  — Assessment purpose and scope (surveillances to include criteria used)

- Identification of assessors

- Identification of personnel contacted

- Identification of documents reviewed, including revision indicator
- Summary statement(s) indicating program (or program element) adequacy, implementation, effectiveness (applicable to scope), and a brief statement of ISM evaluations performed

- Commendable practices or situations (if any are identified)

- Findings (conditions adverse to quality, if any are identified) – Enter internal (NWP) conditions adverse to quality into the Issues Management System using the WIPP form in accordance with WP 15-GM1002. Identify findings in the report as directed in attachments 5 and 7. Concisely describe in the report (and on the WIPP Form for internal findings) the specific condition that deviates from the requirements, with sufficient detail to enable remedial actions to be taken by the audited organization, and subsequent closure by QA. Clearly quote or state the requirement from which the deviation was noted. Group findings of a common nature together whenever possible so that systematic breakdowns can be identified. Evaluate findings based on the relative importance to indicate the degree of impact on compliance application, waste characterization, repository performance assessment, waste isolation, waste transportation, nuclear safety, environmental protection, or management and operation of the WIPP facility.

- Observations (if any are identified) - Concisely state either the condition observed that, if left unaddressed, could deteriorate into a finding, or the suggestion that could strengthen the existing program or process.

- Corrected During Assessment (CDA) - Concisely describe the CAQ found, the requirement from which the condition deviated, and the action(s) taken to resolve the condition. Document CDAs on a WIPP Form, in accordance with WP 15-GM1002, for trending.

- Include the following statement in external supplier audit reports:

  (Name of Company) will be (select "retained on," "added to," "added to pending successful resolution of finding," or "removed from") the NWP QSL for (state the scope or limitations of products or services authorized).

- Include the following statement in audit reports for suppliers currently on the NWP QSL:

  If the agreements and commitments contained herein are deemed by the supplier to involve a change in the order concerning work scope,

price, or schedule, it is agreed that such work will not commence or continue until authorized by a written change notice. It is understood that if the supplier commences such work without a written change notice, it is at the supplier's risk.

- Using cover correspondence, issue the assessment report to all affected entities within 45 calendar days of conclusion of the audit. The 45 calendar day time limit may be extended at the discretion of the Assurance Programs manager.

  — Cognizant department manager (all reports)

  — Compliance Coordinator (all reports)

  — Commitment Tracking System (CTS) Coordinator (external reports containing findings)

  — Facility point-of-contact (external reports)

  — QSL Coordinator (external qualification or requalification audits)

  — Packaging Manager (reports affecting packaging)

  — Assessment Coordinator (all reports)

  — Lessons Learned Coordinator (reports containing findings determined by the lead auditor/surveillor/management to be potential Lessons Learned issues)

  — QA assessment file for this assessment

  — Others as designated by QA management

Because internal findings are transferred to WIPP Forms, internal reports are considered closed at the time of issue. For external audit reports, include direction to the supplier for responding to any findings.

- Document internal CDAs on a WIPP Form, in accordance with WP 15-GM1002, for trending.

- For external supplier qualification audits, complete the Supplier Evaluation/QSL Update Request Form in accordance with WP 13-QA3012, and forward to the QSL Coordinator.

It is recommended to electronically file a copy of the completed checklist and the report in the applicable assessment folder within "Assessment Reports" in the shared folder WQNRA on the Torreon server.

7.0 ASSESSMENT RESPONSE

The cognizant manager of the assessed WIPP organization will review the assessment (audit or surveillance) results assigned to their organization on the WIPP Form, and respond using the Issues Management (WIPP Form) process in accordance with WP 15-GM1002.

The facility contact (for external assessments) is expected to respond as directed in the issuing cover letter and report. Any request for extension of corrective action due date shall be reviewed by the Assurance Programs Manager or designee.

8.0 ASSESSMENT FOLLOW-UP

In accordance with WP 15-GM1002, the WIPP Form screening committee will assign the lead auditor/surveillor/manager as a technical reviewer of actions/corrective action plans developed in response to a WIPP Form issued as the result of an internal audit/surveillance finding. As a technical reviewer, the lead auditor/surveillor/manager will be responsible for determining the long-term effectiveness of the corrective actions, and will be expected to sign the Corrective Action Plan, so indicating, in accordance with WP 15-GM1002. Issues that cannot be resolved will be referred to management.

For external supplier audit or surveillance findings and the resulting supplier's committed actions will be tracked in CTS; the lead auditor/surveillor/manager will review the supplier's actions, and report completion based on the supplier's approved commitment(s).

9.0 ASSESSMENT CLOSURE AND FILING

The lead auditor/surveillor/manager will:

- For external supplier audits or surveillances with findings, verify that the corrective actions were completed as committed, issue a closure letter to the supplier and any other affected organizations, and ensure that copies are distributed to the QSL Coordinator (if applicable) and the Compliance Coordinator.

- Review, using the file checklist (attachment 6), the assessment file for completeness: purge working documents, sign the checklist, notify the assessment coordinator, and forward the complete file to the QA file. The assessment file is to include:

  — Audit Plan (for audits)

  — Completed Assessment Report (including identification of documents reviewed and personnel contacted)

  — Assessment response (for external assessments)

— Corrective Action completion, follow-up, and verification (for external assessments)

— Other documentation determined to be necessary to support the assessment (closure correspondence, etc.)

10.0 REFERENCES

REFERENCES	
DOCUMENT NUMBER AND TITLE	KEY STEP
10 CFR Part 21, "Reporting of Defects and Noncompliance"	
10 CFR Part 71, "Packaging and Transportation of Radioactive Material"	
Reg. Guide 7.10, *Establishing Quality Assurance Programs for Packaging Used in Transport of Radioactive Material (NRC)*	
DNFSB Recommendation 2000-2, *Configuration Management Vital Safety Systems*	
DOE O 226.1B, *Implementation of Department of Energy Oversight Policy*	
Hazardous Waste Facility Permit, Waste Isolation Pilot Plant, Permit #NM4890139088 TSDF, Issued by New Mexico Environment Department	
DOE/CBFO 94-1012, *Carlsbad Field Office Quality Assurance Program Document*	
DOE/WIPP 04-3310, *WIPP Environmental Policy Statement*	
DOE/WIPP-07-3372, *Waste Isolation Pilot Plant Documented Safety Analysis*	
DOE/WIPP-07-3373, *Waste Isolation Pilot Plant Technical Safety Requirements*	
EFCOG Contractor Guide for Performance of Effectiveness Reviews	
MP 1.2, *Stop-Work Policy*	
MP 1.28, *Integrated Safety Management*	
WP 09-CN3005, *Graded Approach to Application of QA Controls*	
WP 09-CN3025, *Annual System Health/Walkdown/Requalification*	
WP 09-CN3040, *Commercial Grade Item Dedication*	
WP 12-ES3918, *Reporting Occurrences in Accordance with DOE Order 232.2*	
WP 13-1, *Nuclear Waste Partnership LLC Quality Assurance Program Description*	**1**
WP 13-QA.04, *Quality Assurance Department Administrative Program*	
WP 13-QA3012, *Supplier Evaluation/Qualification*	
WP 15-GM.03, *Integrated Safety Management System Description*	
WP 15-GM1002, *Issues Management Processing of WIPP Forms*	

Attachment 1 – NWP QA Internal Assessment Priority Determination Tables

Determine whether the assessment will be performed as an audit or surveillance using the tables below:

- Review the assessment to be performed against the criteria in the Risk and Hazard Table to determine a numeric value.
- Review the assessment also against the criteria in the Importance and Complexity Table to determine a numeric value.
- Multiply the two numeric values.
- Use the Assessment Priority Table and the number derived from the previous bullet to determine the priority of the assessment to be performed and schedule the type of assessment indicated.

Risk and Hazard Table	
Description	Probability and Consequence Level
If not performed, improbable undetected impact on environment safety, health, safeguards and security, emergency management, cyber security, or QA	1
If not performed, possible minor undetected impact on environment, safety, health, safeguards, and security, emergency management, cyber security, or QA	2
If not performed, possible major undetected impact on environment, safety, health, safeguards, and security, emergency management, cyber security, or unknown status of QA program, or possible continuation of negative trend or repetitive nonconformance	3

Importance and Complexity Table	
Description	Importance and Complexity Level
Necessary to verify actions in document other than a requirement-source or implementing procedure	1
Necessary to verify an action required by an implementing procedure	2
Necessary to complete an assessment required by an implementing procedure	3
Necessary to complete an assessment required by an implementing procedure, and complex in nature	4
Necessary to complete a specific program assessment requirement, or commitment (both non-complex and complex in nature)	4

Attachment 1 – NWP QA Internal Assessment Priority Determination Tables

Assessment Priority Table		
Derived Numeric Value	Priority	Action
1-4	Low	Schedule Surveillance
5-8	Medium	Schedule Surveillance or Audit
9-12	High	Schedule Audit

Attachment 2 –Example of NWP QA Independent Assessment Subject Master Table

NWP QA INDEPENDENT ASSESSMENT SUBJECT MASTER TABLE							
Area of Interest	**Source/Reference**	**Risk/Hazard**	**Complexity**	**Priority**	**Audit**	**Surv**	**Frequency**
Management System NWP Organization Facility Ops Chain of Command QA Organization	Source WP 13-1, R.27, §1.1 Reference DSA/TSR 10 CFR 71 Subpart H	3	4	12	**X**		Biennial (frequency not specified in 830.122, NQA-1, WP 13-1, R.27, or WP 13-QA.03)
Personnel Qualification and Training **Facility Staff Qualifications Training** **Qualified Operators**	Source WP 13-1, R.27, §1.2 Reference DSA/TSR 10 CFR 71 Subpart H DSA/TSR	3	4	12	**X**		Biennial

Attachment 3 – Audit Plan Guidance

NUCLEAR WASTE PARTNERSHIP LLC
QUALITY ASSURANCE AUDIT PLAN
Title of audit (subject)

Audit number

Audited organization(s) (and location if supplier audit)

1. Purpose and Scope of the audit

2. Applicable Requirements Documents
   WP 13-1, *NWP Quality Assurance Program Description*
   (Any others, including regulatory documents containing requirements)

3. Procedure(s) to be used to perform the audit
   WP 13-QA.03, *Quality Assurance Independent Assessment Program*

4. Hazards, Safety/security issues
   Precautions
   Badging, logistics information
   PPE (if any)

5. Audit Team
   Lead Auditor
   Team Auditors (if any)
   Technical Expertise (if any)
   Anticipated Observers (if any)

6. Schedule
   Pre-Audit Meeting
   Audit Activities
   Post-Audit Meeting

7. Background
   Previously reported findings (if any)
   Previous corrective action issues (if any)
   Previously reported weaknesses (if any)

8. Signatures:

Prepared by: _____ Approved by: _____
(Printed Name) (Printed Name)
Lead Auditor Manager, Assurance Programs

Attachment 4 – Example of NWP Quality Assurance Assessment Checklist

(The following table is shown on first page only, followed by the second table as space allows.)

NWP Quality Assurance Assessment Checklist	
Organization Assessed: _____	Assessment Number: _____
Requirements Documents: _____	Dates of Assessment: _____
Assessor(s): _____	**Key: S=Satis., U=Unsat., N=N/A**

(The top row of the following table is a header to be shown on each page to which this table expands with usage.)

Item	[Type in Assessment # here] Assessment Item	Reference Document(s)	**Key**	Assessor Comments
	(Add rows as needed)			

(The following signature line is shown on the last page only, following the end of the above table.)

Approved by: _____ _____
Lead Auditor/Surveillor (print name and sign) Date:

Notes: Refer to the NWP QA Independent Assessment Subject Master Table for identification of requirements documents from which assessment criteria should be developed.
Review any corrective actions committed as a result of the previous assessment; develop criteria to evaluate their effectiveness.
Develop criteria that evaluate a broad range of the requirements with enough detail to be meaningful in verifying compliance and effectiveness.
Develop criteria to evaluate effectiveness of Graded Approach and the ISM system.

Attachment 5 – Audit Report Guidance

Nuclear Waste Partnership LLC
Quality Assurance (select either **Internal** or **External**) **Audit Report**
[Descriptive, yet concise **title** - if external, provide company and address]
[**Audit Number**]

I. Executive Summary: Concise summary (generally one page or less), written in paragraph format including brief mention of organization audited (include location for external supplier) and audit date, abbreviated purpose and scope, results in general terms, conclusion of program adequacy (including ISM), any commendable situations noted, and any major issues requiring further action.

II. Audit Details

Purpose and Scope (more detailed than the Executive Summary)
Criteria used (identify or make reference to checklist, and specifically address ISM)
Audit Team
Inclusive dates of audit
Location(s) of audit
Conclusion(s) regarding compliance, effectiveness, and ISM evaluations performed. Include a statement addressing the number of findings, observations, and/or "CDAs." An acceptable method would be, "The assessment resulted in 2 Findings, 0 Observations, and 3 issues closed during the assessment."
Commendable practices or activities (if applicable)

[Include the following statement, as applicable, in assessment reports containing findings.]

Response to Findings (external supplier audits only) - When responding to audit findings, the following elements are required to be addressed:

- Cause of nonconformance
- Interim actions planned to correct the nonconformance
- Evaluation of the extent of the condition beyond that cited in the report
- Actions planned to prevent recurrence
- Schedule of implementation/completion

Findings (are to be numbered as [audit no.]-F-[sequential number beginning with 01], and internal findings are to also cross-reference to the WIPP Form Number. Example – "S04-027-F-01 issued as WF04-120")

- Condition noted
- Requirement not met

Observations (numbered as [assessment no.]-O-[sequential number beginning with 01])

- Condition (noted, or considered to be an improvement)

Attachment 5 – Audit Report Guidance

Conditions corrected during the assessment (numbered as [assessment no.]-CDA-[sequential number beginning with 01])

- Condition noted
- Requirement from which condition deviated
- Action taken, and verification of completion
- Initiate WIPP Form for CDA

[Include the following statements in external supplier audit reports]

[Name of company] will be [select "retained on," "added to," "added to, pending successful resolution of findings," or "removed from"] the NWP Qualified Suppliers List for [state the scope or limitations of products or services authorized].

If the agreements and commitments contained herein are deemed by the supplier to involve a change in the order concerning work scope, price, or schedule, it is agreed that such work will not commence until authorized by a written change notice. It is understood that if the supplier commences such work without a written change notice, it is at the supplier's expense.

III. Attachments:

1. Table of Personnel Contacted
2. Table of Documents Reviewed
3. (Any other information deemed appropriate for attachment)

IV. Signatures:

Prepared by: _____ _____
(Printed Name) Date

Approved by: _____ _____
(Printed Name) Date
Manager, Assurance Programs

Attachment 5 – Audit Report Guidance

Attachment 1 Table of Personnel Contacted

[A] Attended Audit Entrance Meeting
[B] Contacted During the Audit
[C] Attended Audit Exit Meeting

Personnel Contacted	A	B	C
(Added rows as needed)			

Attachment 2 Table of Documents Reviewed

Document Identification	Document Title or Description
(Add rows as needed)	

Attachment 6 – Example of Independent Assessment Record File Completion Checklist

INDEPENDENT ASSESSMENT RECORD FILE COMPLETION CHECKLIST	
Assessment No. _____	
	Complete
Audit Team/Technical Specialist Indoctrination	☐
Assessment Plan (required for audit, optional for surveillance)	☐
Assessment report	☐
Assessment response (if external assessment contained findings)	☐
Closure letter (if external assessment contained findings)	☐
Other	
_____	☐
_____	☐
_____	☐
_____	☐
I have reviewed the above listed records and verified their completeness and legibility.	
_____	
Lead Auditor/Surveillor Signature Date	

Attachment 7 – Example of Surveillance Report

Nuclear Waste Partnership LLC Quality Assurance **(make this a header row)** **Surveillance Report Number:** **Date:**	
Subject	Organization(s) Surveilled
Scope Surveillor(s)	
Requirement References (include revision no.)	
Surveillance Criteria [ ] Checklist on file in QA	
Personnel Contacted (* indicates persons to whom a copy of this report is to be distributed)	
Documents reviewed [ ] See attachment	
Details/Results/Conclusions [ ] WIPP Form(s) identified in Findings	
[Print and Sign] Date Lead Auditor/Surveillor	[Print and Sign] Date Manager, Assurance Programs
cc: Manager of assessed organization, WIPP Form Coordinator (if containing findings), Compliance Coordinator, Assessment Coordinator, Packaging Manager (if containing packaging issues) Page 1 of (total)	

Make the top row a header to appear on every page.
Insert pagination (page X of Y) at the bottom center

Attachment 8 – Example of NWP QA Independent Assessment Log

NWP QUALITY ASSURANCE
INDEPENDENT ASSESSMENT LOG

Assessment Number	Subject/Manufacturer	Location	Date Performed	Lead Auditor/ Surveillor	Assessment Team	Results Findings/CDAs/ Observations	Status of External Findings
E05-06	Supplier X	Wichita, KS	5/10/2005	(Name)	(Names)	8 Findings 1 CDA 2 Obs.	All findings closed 5/10/05, QA:05-00287

Attachment 9 – Technical Specialist/Auditor Participation Indoctrination for Quality Assurance Audits Example

Technical Specialist/Auditor Participation Indoctrination
for Quality Assurance Audits
Audit XXX0XX
(Audit Title)

In preparation for participation as a Technical specialist/Auditor, this documentation serves as a record that the below listed individual has been indoctrinated per the requirements of the NWP QAPD, and procedure WP 13-QA.03.

Items discussed:

- Applicable portion of the NWP QAPD
- Applicable section of WP 13-QA.03, which includes audit checklist preparation and completion, documentation required during the audit process, and the audit report format.
- Applicable requirements documentation associated with this audit.
- Expectations of an Auditor.
- Potential hazards. Plan accordingly for proper PPE, ALARA, and additional controls deemed necessary, i.e., badging, logistics, etc.

Experience Background:

(Enter short biography for each specialist [auditor as desired] detailing previous experience and qualifications.)

Technical Specialist/Auditor:

Print Name	Signature

Lead Auditor:

Print Name	Signature

List of Processes and Equipment Evaluated

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
PREVIOUSLY APPROVED PROCESSES OR EQUIPMENT				
11RR2	Real-Time Radiography (RTR) Procedures – CCP-TP-053 and CCP-TP-028 Description – Real-Time Radiography (RTR) Mobile Characterization System [built by VJ Technologies] 55-gallon drums	Soils/Gravel (S4000) Debris (S5000)	YES	YES
11HERTR3	High Energy Real-Time Radiography (HERTR) Procedures CCP-TP-053 and CCP-TP-198 Description – High Energy Real-Time Radiography (RTR) [built by VJ Technologies] 55-gallon drums and SWBs	Soils/Gravel (S4000) Debris (S5000)	YES	YES
11VE1	CH Visual Examination Procedure – CCP-TP-113 Description – CH Characterization performed utilizing Visual Examination (VE) and Acceptable Knowledge (AK)	Soils/Gravel (S4000) Debris (S5000)	YES	YES
11VE2	Off-Site Source Recovery Program Procedure(s) – CCP-TP-069 and CCP-TP-101 Description – Characterization performed utilizing Visual Examination (VE) and Acceptable Knowledge (AK)	Debris (S5000)	YES	YES
N/A	Acceptable Knowledge Procedure – CCP-TP-005 Description – Acceptable Knowledge (AK)	Soils/Gravel (S4000) Debris (S5000)	YES	YES
N/A	Data Verification and Validation Procedure(s) – CCP-TP-001, CCP-TP-002, CCP-TP-003, CCP-TP-103, CCP-TP-162	Soils/Gravel (S4000) Debris (S5000)	YES	YES

List of Processes and Equipment Evaluated

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
N/A	WIPP Waste Information System/Waste Data System (WWIS/WDS) Procedure – CCP-TP-030 Description – CH TRU Waste Certification and WWIS/WDS Data Entry	Soils/Gravel (S4000) Debris (S5000)	YES	YES
N/A	Quality Assurance Program	Soils/Gravel (S4000) Debris (S5000)	N/A	YES

Procedure Revision Matrix

No	Procedure Number	Procedure Title	Revision During Last Annual Audit	Revision During Current Annual Audit	Brief Description of Procedure Changes
1.	CCP-PO-001	CCP Transuranic Waste Characterization Quality Assurance Project Plan	21	21	
2.	CCP-QP-002	CCP Training and Qualification Plan	38	39	Revised to expand the section on training material, which now requires prior Central Characterization Program (CCP) Training review of training materials developed in response to conditions adverse to quality identified in Carlsbad Field Office (CBFO) Corrective Action Reports (CARs) and Nuclear Waste Partnership (NWP) Waste Isolation Pilot Plant (WIPP) Forms. Revised Attachment 1, Minimum Training and Education Requirements, to reflect upper-tier documents governing training-related requirements. Re-organized Sections 4.3 and 4.4 to improve process flow.
3.	CCP-QP-005	CCP TRU Nonconforming Item Reporting and Control	24	25	Revised to address Carlsbad Field Office (CBFO) CAR 15-035 and other editorial changes.
4.	CCP-QP-008	CCP Records Management	22	24	Rev 23 Revised Sections 3.4 and 3.5 to clarify the responsibilities of Records personnel for verification of records. Updated Section 3.6 to agree with the actions assigned to the WIPP Records Management Services (WRMS) Manager in Section 4.15. Added Section 4.1.2. Revised Step 4.4.1[B] in response to Waste Isolation Pilot Plant (WIPP) Form 14-239. Added Step 4.4.1[E] clarifying that "Remarks" and "Comments" spaces may normally be left blank. Rev 24 Revised to add Sections 3.4.7 and 4.10.2[C] to require validation of PDFs to ensure that the hardcopy record matches the scanned image. Replaced the title "Lead Records Custodian" with "CCP Records Manager" throughout the document. Added a NOTE to Section 10.2[C] stating that the requirement to validate hardcopy records applies only to characterization records

Procedure Revision Matrix

No	Procedure Number	Procedure Title	Revision During Last Annual Audit	Revision During Current Annual Audit	Brief Description of Procedure Changes
					completed on or after the effective date of this revision. Updated information in Attachment 1, Written Request for Records Destruction (Example). Deleted Section 3.6, WIPP Records Management Services (WRMS).
5.	CCP-QP-021	CCP Surveillance Program	10	10	
6.	CCP-QP-028	CCP Records Filing, Inventorying, Scheduling, and Dispositioning	15	16	Revised to address the form number identification in the procedure. Replaced the title "Lead Records Custodian" with "Central Characterization Program (CCP) Records Manager" throughout the document. Deleted Section 3.3, WIPP Records Management Services (WRMS). In Section 4.2.4, added a step for the CCP Manager.
7.	CCP-TP-001	CCP Project Level Data Validation and Verification	21	21	
8.	CCP-TP-002	CCP Reconciliation of DQOs and Reporting Characterization Data	26	26	
9.	CCP-TP-005	CCP Acceptable Knowledge Documentation	26	27	Revised procedure to address New Mexico Environment Department (NMED) Compliance Order (CO) HWB-14-21 (December 6, 2014). Changes included: • Preparation and maintenance of Interface Waste Management Documents List (Attachment 9) in steps 4.2.9 through 4.2.17. • Verification of new and revised procedures during acceptable knowledge (AK) document review and summary in Steps 4.3.9 through 4.3.13 and during the addition of containers to the waste stream in steps 4.10.3 through 4.10.6. • Added Section 4.13 describing the steps to perform an AK Assessment to ensure that the existing Central Characterization Program (CCP) AK documentation relating to the management of potentially energetic transuranic (TRU) waste forms (reactive, ignitable, and incompatible

Procedure Revision Matrix

No	Procedure Number	Procedure Title	Revision During Last Annual Audit	Revision During Current Annual Audit	Brief Description of Procedure Changes
					materials) is adequate, current, and accurately described in existing AK Summary Reports. • Added Section 4.14 to formally describe AK Briefings currently being performed for CCP personnel to include cognizant generator site Points-of-Contact (POCs) involved directly with the generation of the waste streams. • Added Section 4.4.21 for the preparation of Chemical Compatibility Evaluation Memorandum. • Updated the responsibilities in Section 3.0 to address these changes. • Revised Section 4.6 to provide clarification for the preparation of the Accuracy Reports required for both NMED and U.S. Environmental Protection Agency (EPA) and to clarify that accuracy will be tracked using all CCP certified testing data. • Addressed miscellaneous freeze file changes.
10.	CCP-TP-028	CCP Radiographic Test Drum and Training Container Construction	9	9	
11.	CCP-TP-030	CCP CH TRU Waste Certification and WWIS/WDS Data Entry	33	34	Revised to implement the waste certification process and the Advanced Mixed Waste Treatment Project (AMWTP) flammable gas certification process using the Integrated Data Center (IDC); to implement a corrective action from WF14-285 to generate electronic records instead of signed paper copy records; and to remove the procedure steps for entering data into the WIPP Waste Information System/Waste Data System (WWIS/WDS) for Site-to-Site shipments.
12.	CCP-TP-053	CCP Standard Real-Time Radiography (RTR) Inspection Procedure	14	15	Revised to be more user friendly as required by WF14-084, to include Standing Order CCP-SO-080 Revision 1 and to clarify contact-handled (CH) and remote-handled (RH) quality assurance objectives (QAOs).

Procedure Revision Matrix

No	Procedure Number	Procedure Title	Revision During Last Annual Audit	Revision During Current Annual Audit	Brief Description of Procedure Changes
13.	CCP-TP-069	CCP Sealed Source Visual Examination and Packaging	6	6	
14.	CCP-TP-101	CCP Off-Site Source Recovery Project Sealed Source Radiological Characterization	7	7	
15.	CCP-TP-113	CCP Standard Contact-Handled Waste Visual Examination	18	19	Revised to incorporate information from standing order CCP-SO-35 and to clarify independent technical reviewer (ITR) questions related to Quality Assurance Objectives (QAOs).
16.	CCP-TP-120	CCP Container Management	16	16	
17.	CCP-TP-122	CCP RTR #2 Operating Procedure	5	5	
18.	CCP-TP-198	CCP HE-RTR Operating Procedure	8	8	
19.	WP 13-QA.03	Quality Assurance Independent Assessment Program	23	24	• The following corrective actions associated with WIPP Forms (WF): WF14-256-S000, WF14-256-S001, WF14-450, WF15-005, WF15-067-S005, WF15-067-S007: • Deleted, at Introduction p. 2, the language "Assessment Checklist." • Revised wording at p. 11 to clarify timeliness of requirement. • Insert, at p. 12, two paragraphs regarding timeliness of assessment and extension requests. • Insert at 4.2, paragraph ensuring assessment period deadlines are scheduled for completion on time. • Deleted, at fifth bullet under Assessor responsibilities, page 15, the language "to be filed with the assessment." • Deleted, at 9.0, "Completed Assessment Checklist" from required items in assessment file. • Removed, in Attachment 6, Assessment Checklist from list.